



Alcatel-Lucent 5620

SERVICE AWARE MANAGER | RELEASE 13.0 R2

OPTICAL PARAMETER REFERENCE

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About this document

Purpose

The *5620 SAM Optical Parameter Reference* describes the parameters of 1830 PSS devices and optical-specific 5620 SAM functions. See the *5620 SAM Parameter Guide* for descriptions of non-optical parameters.

Document support

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- https://infoproducts.alcatel-lucent.com/cgi-bin/doc_welc.pl

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1 Overview

Parameter information

Document structure

The *5620 SAM Optical Parameter Reference* lists the parameter classes by their GUI name in alphabetical order and displays parameter entries in tabular form.

Parameter attributes

The *5620 SAM Optical Parameter Reference* describes the following aspects of 1830 PSS parameters, where applicable:

- OSS property name
- description
- value type
- default value
- minimum and maximum values
- tab and panel location in the 5620 SAM GUI
- displayed name

Aspects that are not described for a property are not applicable.

Parameter Search Tool

The Parameter Search tool is a part of the online user documentation that is available under Help→User Documentation in the 5620 SAM client main menu. The tool contains searchable information about parameters and configuration forms. You can search using the following criteria:

- Parameter GUI display name
- Parameter XML name
- Form GUI name

Search results contain information about forms and parameters, including applicable devices, restrictions, the defaults and ranges of parameters, and other information. The information is displayed in HTML format in a web browser. Dynamic links allow you to navigate the tool to access more information, such as parameter options (also called enumerated lists).

The Parameter Search Tool does not include information about some types of forms or parameters that are specific to the 5620 SAM, such as:

- User preferences
- System preferences
- OLC state
- Faults or Deployment tabs

2 Alcatel-Lucent 1830 PSS (PSS-36 OCS, PSS-64 OCS) parameters

Area parameters

Description

Table 2-1 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | areaDescription |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

ID

Table 2-2 ID

| Name | Value |
|-----------------------|-----------------|
| Default | no |
| Displayed name | ID |
| Mandatory on creation | yes |
| OSS name | areaId |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Instance Id

Table 2-3 Instance Id

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Identifies a specific instance of a version of the OSPF protocol running in the router instance specified by the routerId. |
| Displayed name | Instance Id |
| OSS name | instanceIndex |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Name

Table 2-4 Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | areaName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Type

Table 2-5 Type

| Name | Value |
|----------------|-----------------|
| Default | yes:standard |
| Displayed name | Type |
| OSS name | areaType |
| Read-only | no |
| Tab Panel | General General |
| Type | AreaType |

Table 2-5 Type (continued)

| Name | Value |
|-----------------------------|-------|
| Enumerated types: | |
| Backbone | |
| Non-Stub | |
| Normal | |
| NSSA | |
| NSSA (No Summaries) | |
| NSSA (No Type 5 External) | |
| NSSA Totally Stub | |
| Standard (All LSAs) | |
| Stub | |
| Stub (No Type 5 External) | |
| Totally Stub | |
| Totally Stub (No Summaries) | |

Type Mismatch

Table 2-6 Type Mismatch

| Name | Value |
|----------------|----------------------|
| Default | yes:false |
| Displayed name | Type Mismatch |
| OSS name | siteAreaTypeMismatch |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Version

Table 2-7 Version

| Name | Value |
|-----------------------|---------|
| Default | yes:v2 |
| Displayed name | Version |
| Mandatory on creation | yes |
| OSS name | version |

Table 2-7 Version (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Area Range parameters

Area

Table 2-8 Area

| Name | Value |
|----------------|--------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Area |
| OSS name | areaId |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | INETADDR |

Area Index

Table 2-9 Area Index

| Name | Value |
|----------------|-------------------|
| Displayed name | Area Index |
| OSS name | areaInstanceIndex |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Effect

Table 2-10 Effect

| Name | Value |
|----------------|-----------------------|
| Default | yes:advertiseMatching |
| Displayed name | Effect |

Table 2-10 Effect (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | effect |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Link State DB Type

Table 2-11 Link State DB Type

| Name | Value |
|-----------------------|--------------------|
| Default | yes:summaryLink |
| Displayed name | Link State DB Type |
| Mandatory on creation | yes |
| OSS name | lsdbType |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Metric

Table 2-12 Metric

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Metric |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | metric |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Network**Table 2-13 Network**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0.0.0.0 |
| Displayed name | Network |
| Mandatory on creation | yes |
| OSS name | network |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Prefix Length**Table 2-14 Prefix Length**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:24 |
| Displayed name | Prefix Length |
| Mandatory on creation | yes |
| Maximum | 128 |
| Minimum | 0 |
| OSS name | prefixLength |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Routing Instance ID**Table 2-15 Routing Instance ID**

| Name | Value |
|----------------|--------------------------|
| Default | yes:0 |
| Displayed name | Routing Instance ID |
| OSS name | routerId |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | INT |

Routing Instance Name

Table 2-16 Routing Instance Name

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Routing Instance Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | routerName |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | STRING |

Site ID

Table 2-17 Site ID

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name

Table 2-18 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Version**Table 2-19 Version**

| Name | Value |
|----------------|--------------------------|
| Default | yes:2 |
| Displayed name | Version |
| OSS name | version |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | INT |

Area Site parameters**ABR Default Route Cost****Table 2-20 ABR Default Route Cost**

| Name | Value |
|----------------|------------------------|
| Default | yes:10 |
| Displayed name | ABR Default Route Cost |
| Maximum | 16777215 |
| Minimum | 0 |
| OSS name | defaultCost |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Active Interfaces**Table 2-21 Active Interfaces**

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Active Interfaces |
| OSS name | activeInterfaces |
| Read-only | yes |
| Tab Panel | Counters Counters |

Table 2-21 Active Interfaces (continued)

| Name | Value |
|------|-------|
| Type | INT |

Adjacency Check

Table 2-22 Adjacency Check

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This specifies whether or not adjacency checks shall be performed for the NSSA. If the value is 'false', then no checks are done. If the value is 'true', then adjacency checks will be done. |
| Displayed name | Adjacency Check |
| OSS name | adjacencyCheck |
| Read-only | no |
| Tab Panel | Stub/NSSA NSSA |
| Type | BOOL |

Area Border Router Count

Table 2-23 Area Border Router Count

| Name | Value |
|----------------|--------------------------|
| Default | yes:0 |
| Displayed name | Area Border Router Count |
| OSS name | areaBorderRouterCount |
| Read-only | yes |
| Tab Panel | Counters General |
| Type | INT |

Area ID

Table 2-24 Area ID

| Name | Value |
|-----------------------|---------|
| Default | no |
| Displayed name | Area ID |
| Mandatory on creation | yes |

Table 2-24 Area ID (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | areaId |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Area Index**Table 2-25 Area Index**

| Name | Value |
|----------------|-------------------|
| Displayed name | Area Index |
| OSS name | areaInstanceIndex |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

AS Border Router Count**Table 2-26 AS Border Router Count**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:0 |
| Displayed name | AS Border Router Count |
| OSS name | autonomousSystemBorderRouterCount |
| Read-only | yes |
| Tab Panel | Counters General |
| Type | INT |

Blackhole Range**Table 2-27 Blackhole Range**

| Name | Value |
|----------------|-----------------|
| Default | yes:true |
| Displayed name | Blackhole Range |
| OSS name | rangeBlackhole |

Table 2-27 Blackhole Range (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Default Cost**Table 2-28 Default Cost**

| Name | Value |
|----------------|----------------|
| Default | yes:1 |
| Displayed name | Default Cost |
| Maximum | 16777215 |
| Minimum | 1 |
| OSS name | metric |
| Read-only | no |
| Tab Panel | Stub/NSSA Stub |
| Type | INT |

DNS Opaque LSAs Distributed**Table 2-29 DNS Opaque LSAs Distributed**

| Name | Value |
|--------------------------|-----------------------------|
| Default | yes:yes |
| Displayed name | DNS Opaque LSAs Distributed |
| OSS name | dnsOpaqueLsa |
| Read-only | no |
| Tab Panel | General General |
| Type | YesNo |
| Enumerated types: | |
| No | |
| Yes | |

Enable Advertise Router Capability**Table 2-30 Enable Advertise Router Capability**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | The value of areaAdvRtrCapability specifies whether or not advertise-router-capabilities are enabled at area level. |
| Displayed name | Enable Advertise Router Capability |
| OSS name | areaAdvRtrCapability |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Import AS Extern**Table 2-31 Import AS Extern**

| Name | Value |
|----------------|--------------------|
| Default | yes:importExternal |
| Displayed name | Import AS Extern |
| OSS name | importAsExtern |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Import Summary**Table 2-32 Import Summary**

| Name | Value |
|----------------|---------------------|
| Default | yes:sendAreaSummary |
| Displayed name | Import Summary |
| OSS name | areaSummary |
| Read-only | yes |
| Tab Panel | Stub/NSSA General |
| Type | INT |

Instance ID**Table 2-33 Instance ID**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Identifies a specific instance of a version of the OSPF protocol running in the router instance specified by the routerId. |
| Displayed name | Instance ID |
| OSS name | instanceIndex |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Loop-free Alternate Exclude**Table 2-34 Loop-free Alternate Exclude**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value of loopfreeAlternateExclude specifies whether or not the OSPF area should be excluded during LFA calculations. The value of loopfreeAlternateExclude is only valid when OSPF Site loopfreeAlternate has a value of 'true'. |
| Displayed name | Loop-free Alternate Exclude |
| OSS name | loopfreeAlternateExclude |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

LSA Checksum Sum**Table 2-35 LSA Checksum Sum**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Checksum of all AS-scoped LSAs in the database. |
| Displayed name | LSA Checksum Sum |
| OSS name | lsaChecksumSum |
| Read-only | yes |
| Tab Panel | General General |

Table 2-35 LSA Checksum Sum (continued)

| Name | Value |
|------|-------|
| Type | INT |

MetricType

Table 2-36 MetricType

| Name | Value |
|----------------|----------------|
| Default | yes:ospfMetric |
| Displayed name | MetricType |
| OSS name | metricType |
| Read-only | no |
| Tab Panel | Stub/NSSA Stub |
| Type | INT |

Name

Table 2-37 Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Name

Table 2-38 Name

| Name | Value |
|----------------|-------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |

Table 2-38 Name (continued)

| Name | Value |
|-------------|--------------------------|
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | STRING |

NSSA Router Translation**Table 2-39 NSSA Router Translation**

| Name | Value |
|--------------------------|-------------------------|
| Default | yes:candidate |
| Displayed name | NSSA Router Translation |
| OSS name | nssaTranslate |
| Read-only | no |
| Tab Panel | General General |
| Type | OptNssaTranslateType |
| Enumerated types: | |
| | Always |
| | Candidate |
| | Never |
| | NotApplicable |

Originate Default Route**Table 2-40 Originate Default Route**

| Name | Value |
|----------------|-------------------------|
| Default | yes:noOriginate |
| Displayed name | Originate Default Route |
| OSS name | originateDefault |
| Read-only | no |
| Tab Panel | Stub/NSSA NSSA |
| Type | INT |

Redistribute External Routes**Table 2-41 Redistribute External Routes**

| Name | Value |
|----------------|------------------------------|
| Default | yes:true |
| Displayed name | Redistribute External Routes |
| OSS name | nssaRedistribute |
| Read-only | no |
| Tab Panel | Stub/NSSA NSSA |
| Type | BOOL |

Routing Instance ID**Table 2-42 Routing Instance ID**

| Name | Value |
|----------------|--------------------------|
| Default | yes:1 |
| Displayed name | Routing Instance ID |
| Maximum | 10240 |
| Minimum | 1 |
| OSS name | routerId |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | INT |

Routing Instance Name**Table 2-43 Routing Instance Name**

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Routing Instance Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | routerName |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | STRING |

Site ID

Table 2-44 Site ID

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name

Table 2-45 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Stub Support

Table 2-46 Stub Support

| Name | Value |
|----------------|-------------------------------|
| Default | yes:false |
| Description | Applicable to AOS nodes only. |
| Displayed name | Stub Support |
| OSS name | stubSupport |
| Read-only | no |
| Tab Panel | Stub/NSSA Stub |
| Type | BOOL |

Total Interfaces

Table 2-47 Total Interfaces

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Total Interfaces |
| OSS name | totalInterfaces |
| Read-only | yes |
| Tab Panel | Counters Counters |
| Type | INT |

Total Virtual Links

Table 2-48 Total Virtual Links

| Name | Value |
|----------------|---------------------|
| Default | yes:0 |
| Displayed name | Total Virtual Links |
| OSS name | totalVirtualLinks |
| Read-only | yes |
| Tab Panel | Counters Counters |
| Type | INT |

Translator Role

Table 2-49 Translator Role

| Name | Value |
|----------------|--------------------|
| Default | yes:candidate |
| Displayed name | Translator Role |
| OSS name | nssaTranslatorRole |
| Read-only | yes |
| Tab Panel | Stub/NSSA NSSA |
| Type | INT |

Translator Stability Interval

Table 2-50 Translator Stability Interval

| Name | Value |
|----------------|---------------------------------|
| Default | yes:40 |
| Displayed name | Translator Stability Interval |
| OSS name | nssaTranslatorStabilityInterval |
| Read-only | yes |
| Tab Panel | Stub/NSSA NSSA |
| Type | INT |

Translator State

Table 2-51 Translator State

| Name | Value |
|----------------|---------------------|
| Default | yes:disabled |
| Displayed name | Translator State |
| OSS name | nssaTranslatorState |
| Read-only | yes |
| Tab Panel | Stub/NSSA NSSA |
| Type | INT |

Type

Table 2-52 Type

| Name | Value |
|--------------------------|-----------------|
| Default | yes:standard |
| Displayed name | Type |
| OSS name | areaType |
| Read-only | no |
| Tab Panel | General General |
| Type | AreaType |
| Enumerated types: | |
| Backbone | |
| Non-Stub | |
| Normal | |

Table 2-52 Type (continued)

| Name | Value |
|-----------------------------|-------|
| NSSA | |
| NSSA (No Summaries) | |
| NSSA (No Type 5 External) | |
| NSSA Totally Stub | |
| Standard (All LSAs) | |
| Stub | |
| Stub (No Type 5 External) | |
| Totally Stub | |
| Totally Stub (No Summaries) | |

Version

Table 2-53 Version

| Name | Value |
|----------------|-----------------|
| Default | yes:2 |
| Displayed name | Version |
| OSS name | version |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Virtual Link IP

Table 2-54 Virtual Link IP

| Name | Value |
|----------------|-----------------|
| Default | yes:0.0.0.0 |
| Displayed name | Virtual Link IP |
| OSS name | virtualLinkId |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Wave Key Opaque LSAs Distributed**Table 2-55 Wave Key Opaque LSAs Distributed**

| Name | Value |
|--------------------------|----------------------------------|
| Default | yes:yes |
| Displayed name | Wave Key Opaque LSAs Distributed |
| OSS name | wavekeyOpaqueLsa |
| Read-only | no |
| Tab Panel | General General |
| Type | YesNo |
| Enumerated types: | |
| No | |
| Yes | |

BackupPolicy parameters

Auto Backup Scheme**Table 2-56 Auto Backup Scheme**

| Name | Value |
|--|--|
| Default | yes:none |
| Description | Used to determine whether 5620 SAM server shall perform a node backup, after initiating a number of config saves as specified by the "autoBackupSchemeTreshold". |
| Displayed name | Auto Backup Scheme |
| OSS name | autoBackupScheme |
| Read-only | no |
| Tab Panel | General Backup Triggering |
| Type | AutoBackupScheme |
| Enumerated types: | |
| Every 5620 SAM Server Initiated Save | |
| Every Nth 5620 SAM Server Initiated Save | |
| No Auto-backup | |

Auto Backup Threshold**Table 2-57 Auto Backup Threshold**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Works in conjunction with the Auto Backup Scheme parameter, to specify the number of configuration saves that occur, before the 5620 SAM server performs a node backup. |
| Displayed name | Auto Backup Threshold |
| Maximum | 1000 |
| Minimum | 0 |
| OSS name | autoBackupSchemeTreshold |
| Read-only | no |
| Tab Panel | General Backup Triggering |
| Type | INT |
| Units | operations |

Auto Purge Scheme**Table 2-58 Auto Purge Scheme**

| Name | Value |
|---|---|
| Default | yes:atMostNBackups |
| Description | Specifies the criteria, used by the 5620 SAM server during a cleanup of backups, to determine when and which backup files to delete from the 5620 SAM server. |
| Displayed name | Auto Purge Scheme |
| OSS name | purgeMode |
| Read-only | no |
| Tab Panel | General Backup Purging |
| Type | BackupPurgeMode |
| Enumerated types: | |
| By Age | |
| By Age But Limit To A Maximum Number Of Backups | |
| By Age But Retain A Minimum Number Of Backups | |
| Limit To A Maximum Number Of Backups | |

Auto Reboot After Successful Restore**Table 2-59 Auto Reboot After Successful Restore**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether to reboot the node, after a successful transfer of config/BOF files, to the node, on a restore operation. |
| Displayed name | Auto Reboot After Successful Restore |
| OSS name | isAutoReboot |
| Read-only | no |
| Tab Panel | General Auto Reboot |
| Type | BOOL |

Backup 7705 Radio Database**Table 2-60 Backup 7705 Radio Database**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether and when to backup the 7705 radio database files as a part of the backup operation. Possible values are true/false. The radio databases are saved on each admin save. |
| Displayed name | Backup 7705 Radio Database |
| OSS name | sarRadioDbFileBackupMode |
| Read-only | no |
| Tab Panel | General Backup Settings |
| Type | BOOL |

Boot Option File Mode**Table 2-61 Boot Option File Mode**

| Name | Value |
|----------------|--|
| Default | yes:always |
| Description | Specifies whether and when to backup the config files as a part of the backup operation. Possible values are always, never (disabled) or whenever a new version is detected. |
| Displayed name | Boot Option File Mode |
| OSS name | bootOptionFileBackupMode |
| Read-only | no |
| Tab Panel | General Backup Settings |

Table 2-61 Boot Option File Mode (continued)

| Name | Value |
|--------------------------|----------------|
| Type | FileBackupMode |
| Enumerated types: | |
| Always | |
| Disabled | |
| New Version Only | |
| unknown | |

CLI Config File Mode**Table 2-62 CLI Config File Mode**

| Name | Value |
|--------------------------|--|
| Default | yes:always |
| Description | Specifies whether and when to backup the config files as a part of the backup operation. Possible values are always, never (disabled) or whenever a new version is detected. |
| Displayed name | CLI Config File Mode |
| OSS name | cliConfigFileBackupMode |
| Read-only | no |
| Tab Panel | General Backup Settings |
| Type | FileBackupMode |
| Enumerated types: | |
| Always | |
| Disabled | |
| New Version Only | |
| unknown | |

CLI Config Save Details**Table 2-63 CLI Config Save Details**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether to backup a basic configuration file or a detailed one. |
| Displayed name | CLI Config Save Details |
| OSS name | cliConfigSaveDetails |

Table 2-63 CLI Config Save Details (continued)

| Name | Value |
|-------------|-------------------------|
| Read-only | no |
| Tab Panel | General Backup Settings |
| Type | BOOL |

CLI Debug Save Config File Mode**Table 2-64 CLI Debug Save Config File Mode**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether to backup the debug config files as a part of the backup operation. |
| Displayed name | CLI Debug Save Config File Mode |
| OSS name | debugConfigFileBackupMode |
| Read-only | no |
| Tab Panel | General Backup Settings |
| Type | BOOL |

Command to Apply After Backup**Table 2-65 Command to Apply After Backup**

| Name | Value |
|----------------|---|
| Default | yes:notSignificant |
| Description | Specifies the software control module command to apply after successful backup. |
| Displayed name | Command to Apply After Backup |
| OSS name | commandToApply |
| Read-only | no |
| Tab Panel | General AOS Backup Settings |
| Type | sw.AosVersionMngt |

Enable Backup**Table 2-66 Enable Backup**

| Name | Value |
|---------|----------|
| Default | yes:true |

Table 2-66 Enable Backup (continued)

| Name | Value |
|----------------|---|
| Description | Indicates whether backups are enabled for this Backup Policy. |
| Displayed name | Enable Backup |
| OSS name | enableBackup |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

File Compression

Table 2-67 File Compression

| Name | Value |
|--------------------------|--|
| Default | yes:none |
| Description | Specifies the compression format to be used for the backup files. Possible values - GZIP, ZIP, no compression. |
| Displayed name | File Compression |
| OSS name | compressionMode |
| Read-only | no |
| Tab Panel | General AOS Backup Settings |
| Type | BackupCompressionMode |
| Enumerated types: | |
| GZIP | |
| None | |
| ZIP | |

File Compression

Table 2-68 File Compression

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Specifies the compression format to be used for the backup files. Possible values - GZIP, ZIP, no compression. |
| Displayed name | File Compression |
| OSS name | compressionMode |
| Read-only | no |

Table 2-68 File Compression (continued)

| Name | Value |
|--------------------------|-------------------------|
| Tab Panel | General Backup Settings |
| Type | BackupCompressionMode |
| Enumerated types: | |
| GZIP | |
| None | |
| ZIP | |

File Compression**Table 2-69 File Compression**

| Name | Value |
|--------------------------|--|
| Default | yes:none |
| Description | Specifies the compression format to be used for the backup files. Possible values - GZIP, ZIP, no compression. |
| Displayed name | File Compression |
| OSS name | compressionMode |
| Read-only | no |
| Tab Panel | General MPR Backup Settings |
| Type | BackupCompressionMode |
| Enumerated types: | |
| GZIP | |
| None | |
| ZIP | |

File Compression**Table 2-70 File Compression**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Specifies the compression format to be used for the backup files. Possible values - GZIP, ZIP, no compression. |
| Displayed name | File Compression |
| OSS name | compressionMode |
| Read-only | no |

Table 2-70 File Compression (continued)

| Name | Value |
|--------------------------|-------------------------------------|
| Tab Panel | General PSS Backup/Restore Settings |
| Type | BackupCompressionMode |
| Enumerated types: | |
| GZIP | |
| None | |
| ZIP | |

File Transfer Server Directory

Table 2-71 File Transfer Server Directory

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:/ |
| Displayed name | File Transfer Server Directory |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpRootDir |
| Read-only | no |
| Tab Panel | General PSS Backup/Restore Settings |
| Type | STRING |

File Transfer Server Port

Table 2-72 File Transfer Server Port

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:21 |
| Displayed name | File Transfer Server Port |
| OSS name | ftpServerPort |
| Read-only | no |
| Tab Panel | General PSS Backup/Restore Settings |
| Type | INT |

Is Default Policy**Table 2-73 Is Default Policy**

| Name | Value |
|----------------|-------------------|
| Default | yes:false |
| Displayed name | Is Default Policy |
| OSS name | isDefaultPolicy |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Maximum Backup Age**Table 2-74 Maximum Backup Age**

| Name | Value |
|----------------|--|
| Default | yes:100 |
| Description | Specifies the number of days a backup is kept before deleting it. Works in conjunction with purgeMode attribute. |
| Displayed name | Maximum Backup Age |
| Maximum | 365 |
| Minimum | 0 |
| OSS name | maxBackupAge |
| Read-only | no |
| Tab Panel | General Backup Purging |
| Type | INT |
| Units | days |

Name**Table 2-75 Name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the name assigned to this backup policy. |
| Displayed name | Name |
| Maximum | 80 |
| Minimum | 0 |

Table 2-75 Name (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Number Of Backups**Table 2-76 Number Of Backups**

| Name | Value |
|----------------|--|
| Default | yes:30 |
| Description | Specifies how many backups to keep at a time. Works in conjunction with purgeMode attribute. |
| Displayed name | Number Of Backups |
| Maximum | 365 |
| Minimum | 1 |
| OSS name | numBackupsToKeep |
| Read-only | no |
| Tab Panel | General Backup Purging |
| Type | INT |

Policy ID**Table 2-77 Policy ID**

| Name | Value |
|-----------------------|--|
| Default | yes:1 |
| Description | Specifies the ID assigned to this backup policy. |
| Displayed name | Policy ID |
| Mandatory on creation | yes |
| Maximum | 65535 |
| Minimum | 1 |
| OSS name | policyId |
| Read-only | no |
| Tab Panel | General General |

Table 2-77 Policy ID (continued)

| Name | Value |
|------|-------|
| Type | INT |

Policy Type

Table 2-78 Policy Type

| Name | Value |
|--------------------------|-----------------|
| Default | yes:srBased |
| Displayed name | Policy Type |
| Mandatory on creation | yes |
| OSS name | policyType |
| Read-only | no |
| Tab Panel | General General |
| Type | PolicyType |
| Enumerated types: | |
| 1830 PSS Node | |
| 1830 PSS OCS Node | |
| AOS Based Node | |
| eNodeB Node | |
| FGW Node | |
| MME Node | |
| MPR Node | |
| SR Based Node | |

Root Directory

Table 2-79 Root Directory

| Name | Value |
|----------------|----------------|
| Default | yes:/ |
| Displayed name | Root Directory |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpRootDir |
| Read-only | no |

Table 2-79 Root Directory (continued)

| Name | Value |
|-------------|--------------------------------|
| Tab Panel | General eNodeB Backup Settings |
| Type | STRING |

Save Certified Directory**Table 2-80 Save Certified Directory**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:true |
| Displayed name | Save Certified Directory |
| OSS name | saveCertifyDir |
| Read-only | no |
| Tab Panel | General AOS Backup Settings |
| Type | BOOL |

Save Certified Directory**Table 2-81 Save Certified Directory**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:true |
| Displayed name | Save Certified Directory |
| OSS name | saveCertifyDir |
| Read-only | no |
| Tab Panel | General MPR Backup Settings |
| Type | BOOL |

Save Network Directory**Table 2-82 Save Network Directory**

| Name | Value |
|----------------|------------------------|
| Default | yes:false |
| Displayed name | Save Network Directory |
| OSS name | saveNetworkDir |
| Read-only | no |

Table 2-82 Save Network Directory (continued)

| Name | Value |
|-------------|-----------------------------|
| Tab Panel | General AOS Backup Settings |
| Type | BOOL |

Scheduled Backup Interval**Table 2-83 Scheduled Backup Interval**

| Name | Value |
|--------------------------|---|
| Default | yes:24hours |
| Description | Used in conjunction with scheduleBackupScheme, to specify how often to perform the backups. |
| Displayed name | Scheduled Backup Interval |
| OSS name | scheduledBackupFrequency |
| Read-only | no |
| Tab Panel | General Backup Triggering |
| Type | ScheduledBackupFrequency |
| Enumerated types: | |
| | 1 hour |
| | 12 hours |
| | 15 minutes |
| | 2 hours |
| | 24 hours |
| | 3 hours |
| | 30 minutes |
| | 48 hours |
| | 6 hours |

Scheduled Backup Scheme**Table 2-84 Scheduled Backup Scheme**

| Name | Value |
|----------------|---|
| Default | yes:always |
| Description | Specifies that the node backups occur at regular intervals, as specified by the scheduledBackupFrequency attribute. |
| Displayed name | Scheduled Backup Scheme |

Table 2-84 Scheduled Backup Scheme (continued)

| Name | Value |
|--|---------------------------|
| OSS name | scheduledBackupScheme |
| Read-only | no |
| Tab Panel | General Backup Triggering |
| Type | ScheduledBackupScheme |
| Enumerated types: | |
| Every Scheduled Interval | |
| Every Scheduled Interval If 5620 SAM Server Initiated Save Performed | |
| No Scheduled Backup | |

Scheduled Backup Sync Time

Table 2-85 Scheduled Backup Sync Time

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the scheduled backup start time. |
| Displayed name | Scheduled Backup Sync Time |
| OSS name | scheduledBackupSyncTime |
| Read-only | no |
| Tab Panel | General Backup Triggering |
| Type | DATE |

Scheduled Backup Threshold

Table 2-86 Scheduled Backup Threshold

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the number of times that a backup retry occurs, if a backup fails. |
| Displayed name | Scheduled Backup Threshold |
| Maximum | 1000 |
| Minimum | 0 |
| OSS name | scheduledBackupTreshold |
| Read-only | no |
| Tab Panel | General Backup Triggering |

Table 2-86 Scheduled Backup Threshold (continued)

| Name | Value |
|-------|------------|
| Type | INT |
| Units | operations |

Server IP**Table 2-87 Server IP**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:127.0.0.1 |
| Displayed name | Server IP |
| OSS name | ftpServerIP |
| Read-only | no |
| Tab Panel | General PSS Backup/Restore Settings |
| Type | INETADDR |

SFTP Password**Table 2-88 SFTP Password**

| Name | Value |
|----------------|-----------------------------|
| Displayed name | SFTP Password |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpPassword |
| Read-only | no |
| Tab Panel | General FGW Backup Settings |
| Type | STRING |

SFTP User ID**Table 2-89 SFTP User ID**

| Name | Value |
|----------------|--------------|
| Displayed name | SFTP User ID |
| Maximum | 255 |
| Minimum | 0 |

Table 2-89 SFTP User ID (continued)

| Name | Value |
|-------------|-----------------------------|
| OSS name | ftpUser |
| Read-only | no |
| Tab Panel | General FGW Backup Settings |
| Type | STRING |

SFTP/FTP Password

Table 2-90 SFTP/FTP Password

| Name | Value |
|----------------|--------------------------------|
| Displayed name | SFTP/FTP Password |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpPassword |
| Read-only | no |
| Tab Panel | General eNodeB Backup Settings |
| Type | STRING |

SFTP/FTP Password

Table 2-91 SFTP/FTP Password

| Name | Value |
|----------------|-------------------------------------|
| Displayed name | SFTP/FTP Password |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpPassword |
| Read-only | no |
| Tab Panel | General PSS Backup/Restore Settings |
| Type | STRING |

SFTP/FTP Server Port**Table 2-92 SFTP/FTP Server Port**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:21 |
| Displayed name | SFTP/FTP Server Port |
| OSS name | ftpServerPort |
| Read-only | no |
| Tab Panel | General eNodeB Backup Settings |
| Type | INT |

SFTP/FTP User ID**Table 2-93 SFTP/FTP User ID**

| Name | Value |
|----------------|--------------------------------|
| Displayed name | SFTP/FTP User ID |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpUser |
| Read-only | no |
| Tab Panel | General eNodeB Backup Settings |
| Type | STRING |

SFTP/FTP User ID**Table 2-94 SFTP/FTP User ID**

| Name | Value |
|----------------|-------------------------------------|
| Displayed name | SFTP/FTP User ID |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpUser |
| Read-only | no |
| Tab Panel | General PSS Backup/Restore Settings |
| Type | STRING |

Transfer Protocol

Table 2-95 Transfer Protocol

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:ftp |
| Displayed name | Transfer Protocol |
| OSS name | ftpType |
| Read-only | no |
| Tab Panel | General eNodeB Backup Settings |
| Type | FtpType |
| Enumerated types: | |
| FTP | |
| SFTP | |
| TFTP | |

Transfer Protocol

Table 2-96 Transfer Protocol

| Name | Value |
|--------------------------|-------------------------------------|
| Default | yes:ftp |
| Displayed name | Transfer Protocol |
| OSS name | ftpType |
| Read-only | no |
| Tab Panel | General PSS Backup/Restore Settings |
| Type | FtpType |
| Enumerated types: | |
| FTP | |
| SFTP | |
| TFTP | |

Use Active Server

Table 2-97 Use Active Server

| Name | Value |
|----------------|-------------------|
| Default | yes:true |
| Displayed name | Use Active Server |

Table 2-97 Use Active Server (continued)

| Name | Value |
|-------------|-------------------------------------|
| OSS name | useActiveServer |
| Read-only | no |
| Tab Panel | General PSS Backup/Restore Settings |
| Type | BOOL |

Base Card parameters

Administrative State

Table 2-98 Administrative State

| Name | Value |
|--------------------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General Equipment |
| Type | AdministrativeState |
| Enumerated types: | |
| Diagnose | |
| Down | |
| Locked | |
| Maintenance | |
| Not Relevant | |
| Operate Switch | |
| Shutting Down | |
| Unknown | |
| Unlocked | |
| Up | |

Background Diagnostics Fault Reason

Table 2-99 Background Diagnostics Fault Reason

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Displayed name | Background Diagnostics Fault Reason |
| OSS name | backgroundDiagnosticsFaultReason |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Background Diagnostics State

Table 2-100 Background Diagnostics State

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:unknown |
| Displayed name | Background Diagnostics State |
| OSS name | backgroundDiagnosticsState |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | BackgroundDiagnosticsStateType |
| Enumerated types: | |
| Critical Fault Detected | |
| Fault Detected | |
| N/A | |
| Ok | |
| Unknown | |

Boot Code Version

Table 2-101 Boot Code Version

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Boot Code Version |
| Maximum | 255 |
| Minimum | 0 |

Table 2-101 Boot Code Version (continued)

| Name | Value |
|-------------|----------------------|
| OSS name | bootEpromVersion |
| Read-only | yes |
| Tab Panel | General Card Details |
| Type | STRING |

CAM Error Count (Complex 0)**Table 2-102 CAM Error Count (Complex 0)**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:0 |
| Displayed name | CAM Error Count (Complex 0) |
| OSS name | complex1CAMErrorCount |
| Read-only | yes |
| Tab Panel | General CAM Errors |
| Type | INT |

CAM Error Count (Complex 1)**Table 2-103 CAM Error Count (Complex 1)**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:0 |
| Displayed name | CAM Error Count (Complex 1) |
| OSS name | complex2CAMErrorCount |
| Read-only | yes |
| Tab Panel | General CAM Errors |
| Type | INT |

Card Type**Table 2-104 Card Type**

| Name | Value |
|----------------|----------------|
| Default | yes:unassigned |
| Displayed name | Card Type |

Table 2-104 Card Type (continued)

| Name | Value |
|---|----------------------|
| Mandatory on creation | yes |
| OSS name | specificType |
| Read-only | no |
| Tab Panel | General Slot Details |
| Type | CardType |
| Enumerated types: | |
| 1 Colour Optical Add/Drop Mux | |
| 1 Tb CPM / Switch Fabric 4 | |
| 1 Tb Switch Fabric 4 | |
| 1 Tb Switch Fabric 5 | |
| 1 x 10-Gig Ethernet | |
| 1 x 10-Gig Ethernet + 10 x 10/100/1000 Ethernet SFP | |
| 1 x 10-Gig Ethernet DWDM Tunable Optics | |
| 1 x 10-Gig Ethernet XFP | |
| 1 x 10-Gig Extended Performance XFP | |
| 1 x 100-Gig Ethernet CFP2 | |
| 1 x 100GE CFP | |
| 1 x Channelized OC12 ASAP | |
| 1 x Channelized OC12 CES | |
| 1 x Channelized OC3 CES | |
| 1 x Channelized OC3 CES CMA | |
| 1 x Gig Ethernet SFP CMA | |
| 1 X Gig Ethernet XP SFP CMA | |
| 1 x OC12 Deep Channel | |
| 1 x OC192 | |
| 1 x Radio Modem | |
| 1 x STM (Channelized) | |
| 1-PAC FP3 IMM | |
| 1-Port 100GE CFP IMM | |
| 1-Port 40GE CFP IMM | |
| 1-Port 40GE OTU3 Long Reach DWDM Tunable IMM | |
| 1-Port OC768 OTU3 Long Reach DWDM Tunable IMM | |
| 10 x 1-Gig Ethernet SFP | |

Table 2-104 Card Type (continued)

| Name | Value |
|---|-------|
| 10 x 1-Gig Extended Performance SFP | |
| 10 x 10-Gig Ethernet SFP+ | |
| 10 x 10/100/1000 Ethernet SFP | |
| 10 x 10GE XP SFP+ | |
| 10-Port Fast/Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port Gig Ethernet (8 FX, 2 TX) | |
| 10-Port Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port GIGE SFP + 1-Port 10GE SFP+ IMM | |
| 10-Port GIGE SFP + 1-Port 10GE XFP IMM | |
| 10-Port GIGE SFP IMM | |
| 10-Port PoE Fast/Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port PoE Gig Ethernet(8 TX, 2 Dual TX/FX) - S | |
| 10-Port PoE Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 100g CPM / Switch Fabric | |
| 11 x 1G SFP / 22 x 1G CSPF IMM | |
| 12 x 1-Gig Extended Performance SFP | |
| 12 x 10/100/1000 Ethernet SFP + 10 Copper + 4 x 10 GigE XFP | |
| 12 x 100/1000 SFP + 12 x 10/100/1000 Ethernet | |
| 12 x Channelized DS3/E3 ASAP | |
| 12 x DS3/E3 Deep Channel | |
| 12 x Fast Ethernet 100 FX | |
| 12 x Serial Data | |
| 12 x Serial Data v2 | |
| 12-Port 10 Gig Ethernet SFP+ (OS-XNI-U12) | |
| 12-Port 10 Gig Ethernet SFP+ (OS9-XNI-U12E) | |
| 12-Port 10GE SF IMM | |
| 120g CPM / Switch Fabric | |
| 120g Extended Performance CPM / Switch Fabric | |
| 14-Port Gig Ethernet (12 TX (4 PoE), 2 FX) | |
| 16 x ATM OC3 SFP | |
| 16 x ATM OC3 SFP B | |
| 16 x Channelized DS1/E1 ASAP | |
| 16 x Channelized DS1/E1 ASAP v2 | |

Table 2-104 Card Type (continued)

| Name | Value |
|---|-------|
| 16 x E1 (ASAP) | |
| 16 x OC12/OC3 SFP | |
| 16 x OC12/OC3 SFP B | |
| 16 x OC3 SFP | |
| 16-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U16E) | |
| 2 Colour Optical Add/Drop Mux | |
| 2 PORT 100GE CFP C-XMA | |
| 2 Tb Switch Fabric 5 | |
| 2 x 10 GigE XFP | |
| 2 x 10-Gig Bridged Ethernet XFP + 1 x 2.5G Virtual Ethernet | |
| 2 x 10-Gig Bridged Ethernet XFP + 1 x 2.5G Virtual Ethernet Module | |
| 2 x 10-Gig Ethernet + 12 x 1-Gig Ethernet XP | |
| 2 x 10-Gig Ethernet XFP | |
| 2 x 10-Gig Extended Performance XFP | |
| 2 x 10-Gig MDA IOM | |
| 2 x 10-Gig MDA IOM 2 | |
| 2 x 10-Gig MDA IOM Card, B | |
| 2 x 10-Gig MDA Oversubscribed IOM Card | |
| 2 x 10/100/1000 SFP + 1 x 10/100/1000 SFP/Ethernet Combo + 2 x 10/100/1000 Ethernet | |
| 2 x 10/40 Gig MDA IOM card | |
| 2 x 10GE SFP + 12 x 1GE SFP | |
| 2 x 10Gig Ethernet Extended Performance XFP WaveTracker | |
| 2 x 40 Gig MDA IOM card | |
| 2 x Channelized OC12 ASAP | |
| 2 x Channelized OC3/STM1 ASAP SFP | |
| 2 x DS3 | |
| 2 x Gig Ethernet 1000 FX | |
| 2 x OC12/OC3 CMA | |
| 2 x OC12/OC3 CMA B | |
| 2 x OC192 Extended Performance XFP | |
| 2 x OC48 SFP | |
| 2 x Serial Data + 2 x Channelized DS1/E1 | |
| 2 x STM | |

Table 2-104 Card Type (continued)

| Name | Value |
|--|-------|
| 2 x XP MDA IOM 3 | |
| 2 x XP MDA IOM 3, B | |
| 2 x XP MDA IOM 3, C | |
| 2+2 x Ethernet (EAS) | |
| 2-PAC FP3 IMM | |
| 2-Port 10 Gig Ethernet XFP (OS9-XNI-U2) | |
| 2-Port 10 Gig Ethernet XFP (OS9-XNI-U2E) | |
| 2-Port 10GE SFP+ IMM | |
| 2-Port 10GE XFP IMM | |
| 2-PPAC FP3 IMM | |
| 2.4 Tb Switch Fabric 5 | |
| 20 PORT 10GE SFP + C-XMA | |
| 20 x 10/100/1000 Ethernet Extended Performance SFP | |
| 20 x 10/100/1000 Ethernet Extended Performance TX | |
| 20 x 10/100/1000 Ethernet SFP | |
| 20 x 10/100/1000 Ethernet Tx | |
| 20 x 100 Ethernet Fx | |
| 20-Port 10 Gig Ethernet (OS6900-T20) | |
| 20-Port 10 Gig Ethernet SFP+ (OS6900-X20) | |
| 200g CPM / Switch Fabric | |
| 200g CPM / Switch Fabric 2 | |
| 22-Port (8 TX, 12 FX, 2 GE) | |
| 22-Port Gig Ethernet (20 TX, 2 FX) (OS9-GNI-C20L) | |
| 24 x 10/100/1000 Ethernet SFP | |
| 24 x 10/100/1000 Ethernet SFP + 2 x 10 GigE XFP | |
| 24 x Fast Ethernet 10/100 FX | |
| 24 x Fast Ethernet 10/100 TX | |
| 24 x Gig Ethernet (20 FX, 4 Dual TX/FX) | |
| 24 x Gig Ethernet (20 TX, 4 Dual TX/FX) | |
| 24-Port (20 x Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 24-Port (20 x PoE Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 24-Port (8 TX, 12 FX, 4 GE) | |
| 24-Port Fast Ethernet Metro(24 TX, 2 Dual TX/FX) | |

Table 2-104 Card Type (continued)

| Name | Value |
|--|-------|
| 24-Port Fast Ethernet SME(24 TX, 2 Dual TX/FX) | |
| 24-Port Fast Ethernet SME(24 TX, 2 Dual TX/FX) with DC Power Supply | |
| 24-Port Fast-Ethernet | |
| 24-Port Fast-Ethernet FX | |
| 24-Port Fast/Gig Ethernet(24 TX, 2 SFP) | |
| 24-Port Gig Ethernet (2 Dual TX/FX, 22 FX) | |
| 24-Port Gig Ethernet (2 Dual TX/FX, 22 FX) with Internal DC Power Supply | |
| 24-Port Gig Ethernet (20 TX (4 PoE), 4 Dual TX/FX) | |
| 24-Port Gig Ethernet (20 TX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port Gig Ethernet (22 FX, 2 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port Gig Ethernet (22 FX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port Gig Ethernet (22 FX, 2 TX/FX) | |
| 24-Port Gig Ethernet (22 FX, 2 TX/FX, 2 FX/STK) | |
| 24-Port Gig Ethernet (4 Dual TX/FX, 20 TX) | |
| 24-Port Gig Ethernet FX (OS9-GNI-U24) | |
| 24-Port Gig Ethernet FX (OS9-GNI-U24E) | |
| 24-Port Gig Ethernet TX (OS9-GNI-C24) | |
| 24-Port Gig Ethernet TX (OS9-GNI-C24E) | |
| 24-Port Gig Ethernet(20 FX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) - E | |
| 24-Port Gig Ethernet(22 FX, 2 Dual TX/FX, 2 SFP) | |
| 24-Port Gig Ethernet(22 FX, 2 Dual TX/FX, 2 SFP) - S | |
| 24-Port Gig Ethernet(24 TX, 2 SFP) | |
| 24-Port PoE Fast/Gig Ethernet(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) - E | |
| 24-Port PoE Gig Ethernet SME(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet TX (OS9-GNI-P24) | |
| 24-Port PoE Gig Ethernet TX (OS9-GNI-P24E) | |

Table 2-104 Card Type (continued)

| Name | Value |
|---|-------|
| 24-Port PoE Gig Ethernet(20 TX, 4 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet(4 Dual TX/FX, 20 TX) | |
| 250g CPM / Switch Fabric 3 | |
| 3-Port 40 Gig Ethernet QSFP+ (OS-QNI-U3) | |
| 3-Port 40GIGE QSFP IMM | |
| 32 x Channelized DS1/E1 ASAP v2 | |
| 32 x DS1 | |
| 32 x E1 | |
| 32-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U32E) | |
| 32-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U32S) | |
| 4 Colour Optical Add/Drop Mux | |
| 4 PORT 100GE CFP2 XMA | |
| 4 PORT 100GE CXP XMA | |
| 4 x 10-Gig Extended Performance XFP | |
| 4 x 10/100 Ethernet TX | |
| 4 x 10/100/1000 1Gig SFP + 2 x 10Gig SFP+ + SyncE | |
| 4 x 10/100/1000 Ethernet Tx | |
| 4 x 10GE SFP+ | |
| 4 x ATM OC12/OC3 SFP | |
| 4 x ATM OC12/OC3 SFP B | |
| 4 x Channelized DS3/E3 ASAP | |
| 4 x Channelized OC3 ASAP | |
| 4 x Channelized OC3 CES | |
| 4 x Channelized OC3/OC12 ASAP SFP | |
| 4 x DS1/E1 CE | |
| 4 x DS3/E3 CMA | |
| 4 x DS3/E3 Deep Channel | |
| 4 x Gig Ethernet (2 TX, 2 FX) | |
| 4 x MDA IOM | |
| 4 X MWA Gig Ethernet (2 TX, 2 SFP) + 4 X Gig Ethernet SFP | |
| 4 x OC3 Deep Channel | |
| 4 x OC3/STM1 ASAP SFP | |

Table 2-104 Card Type (continued)

| Name | Value |
|--|-------|
| 4 x OC48 SFP | |
| 4 x OC48 SFP B | |
| 4+4 x Ethernet (EAS) | |
| 4-Port 10 Gig Ethernet SFP+ (OS-XNI-U4) | |
| 4-Port 100GE CFP4 IMM | |
| 4-Port 100GE CXP IMM | |
| 4-Port 10GE SFP+ IMM | |
| 4-Port 10GE XFP IMM | |
| 4-Port 40 Gig Ethernet QSFP+ (OS10K-QNI-U4E) | |
| 40 PORT 10GE SFP+ XMA | |
| 40-Port 10 Gig Ethernet (OS6900-T40) | |
| 40-Port 10 Gig Ethernet SFP+ (OS6900-X40) | |
| 40-Port 10GE SFP+ IMM | |
| 400g CPM / Switch Fabric | |
| 400g CPM / Switch Fabric 2 | |
| 44 x 1GE CSFP | |
| 48 x Fast Ethernet 10/100 TX | |
| 48 x Gig Ethernet Extended Performance TX | |
| 48-Port (44 x Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 48-Port (44 x PoE Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 48-Port Fast-Ethernet | |
| 48-Port Fast/Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port Gig Ethernet (4 Dual TX/FX, 44 TX) | |
| 48-Port Gig Ethernet (44 TX, 4 Dual TX/FX) | |
| 48-Port Gig Ethernet (46 TX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 48-Port Gig Ethernet + 2 x 10-GigE XFP | |
| 48-Port Gig Ethernet SFP (OS10K-GNI-U48E) | |
| 48-Port Gig Ethernet TX (OS10K-GNI-C48E) | |
| 48-Port Gig Ethernet TX (OS9-GNI-C48T) | |
| 48-Port Gig Ethernet(44 TX, 4 Dual TX/FX) - E | |
| 48-Port Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port GIGE SFP IMM | |
| 48-Port GIGE SFP IMM, B | |

Table 2-104 Card Type (continued)

| Name | Value |
|--|-------|
| 48-Port GIGE SFP IMM, C | |
| 48-Port GIGE TX IMM | |
| 48-Port GIGE TX IMM, B | |
| 48-Port PoE Fast/Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port PoE Gig Ethernet (44 TX, 4 Dual TX/FX) - E | |
| 48-Port PoE Gig Ethernet (46 TX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 48-Port PoE Gig Ethernet + 2 x 10-GigE XFP | |
| 48-Port PoE Gig Ethernet(4 Dual TX/FX, 44 TX) | |
| 48-Port PoE Gig Ethernet(44 TX, 4 Dual TX/FX) | |
| 48-Port PoE Gig Ethernet(48 TX, 2 SFP) | |
| 5 x 1-Gig Ethernet SFP | |
| 5 x 10/100/1000 Ethernet SFP | |
| 5 X Gig Ethernet XP SFP CMA | |
| 5-Port 10GE XFP IMM | |
| 500g CPM / Switch Fabric 3 | |
| 500g CPM / Switch Fabric 4 | |
| 6 PORT 40GE QSFP C-XMA | |
| 6 x 10/100 Ethernet + 2 x 10/100/1000 Ethernet SFP | |
| 6 x 10/100 Ethernet + 2 x 10/100/1000 Ethernet SFP v2 | |
| 6 x 100/1000 SFP + 4 x 10/100/1000 Ethernet | |
| 6 x 10GE SFP + 1 x 40GE QSFP+ | |
| 6 x EM | |
| 6 x FXS Interface | |
| 6-Port 10 Gig Ethernet XFP (OS9-XNI-U6) | |
| 6-Port Gig Ethernet (4 x 10 Gig SFP+, 2 x 40 Gig QSFP+) (OS-HNI-U6) | |
| 60 x 10/100 Ethernet | |
| 72 PORT 1GE SFP C-XMA | |
| 7210 CPM, Internal | |
| 7210 IOM | |
| 7705 1g CSM | |
| 7705 1g/10g CSM | |
| 7705 2.5g CSM | |
| 7705 IOM | |

Table 2-104 Card Type (continued)

| Name | Value |
|--|-------|
| 7705 SAR-8 1g/10g CSM | |
| 7710 CFM | |
| 7710 IOM | |
| 7750-SRc4 CFM-C4-XP | |
| 7750-SRc4 IOM-C4-XP | |
| 7850 CPM DCOR | |
| 7850 CPM VSA | |
| 7850 CPM VSA-2 | |
| 7850 CPM VSG | |
| 8 Colour Optical Add/Drop Mux | |
| 8 x 10/100 Ethernet Tx CMA | |
| 8 x 10/100/1000 Ethernet SFP | |
| 8 x 10/100/1000 Ethernet SFP v2 | |
| 8 x 10/100/1000 Ethernet SFP v3 | |
| 8 X ATM DS1/E1 CMA | |
| 8 x DS1/E1 Channel CMA | |
| 8 x Fast Ethernet 10/100 TX | |
| 8 x FXO Interface | |
| 8 x OC12/OC3 SFP | |
| 8 x OC3 SFP | |
| 8 x Voice Teleprotection Interface | |
| 8-Port 10 Gig Ethernet (OS-XNI-T8) | |
| 8-Port 10GE XFP IMM | |
| 8-Port 10GE XFP IMM, B | |
| 8-Port 40 Gig Ethernet QSFP+ (OS10K-QNI-U8E) | |
| 8-Port Fast Ethernet Metro(8 TX, 2 Dual TX/FX) | |
| 80g CPM / Switch Fabric 2 | |
| Amplifier and Associated Cards | |
| ATCA Blade | |
| ATCA Hub | |
| ATCA ShMC | |
| AUX | |
| Auxiliary Alarm | |

Table 2-104 Card Type (continued)

| Name | Value |
|--|-------|
| Base Band | |
| Blade | |
| Board | |
| CFM-XP | |
| CFM-XP-B | |
| Control Board | |
| Controller | |
| CORE | |
| CORE-ENH | |
| CPM / Switch Fabric 4 E | |
| CPM 5 | |
| CPM A | |
| CPM X16 | |
| CPM X20 | |
| DCM Module | |
| DCM:Dispersion Comp. Card | |
| DSL Module | |
| EASv2 | |
| EC:Equipment Controller Card | |
| Eth Card-A | |
| Eth Card-B | |
| Fan Unit | |
| Filter Card | |
| Generic Card | |
| Gig Ethernet SFP | |
| GPON Module | |
| HP Workstation | |
| HSMDA 1 x 10-Gig XFP, B | |
| HSMDA 10 x 1 Gig SFP | |
| i1 x GPS Rx | |
| i16 x Channelized DS1/E1 ASAP | |
| i16 x Channelized DS1/E1 ASAP v2 | |
| i2 x 10/100/Gig Ethernet SFP + 4 x 10/100/Gig Ethernet TX RJ45 | |

Table 2-104 Card Type (continued)

| Name | Value |
|--|-------|
| i2 x Serial Data | |
| i3 x 10/100/1000 Copper Ethernet + 4 x 10/100/1000 Ethernet SFP | |
| i3 x Gig SFP + 1 x 10/100/1000 Copper SyncE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper PoE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper PoE+ SyncE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper SyncE | |
| i4 x 10/100/Gig Ethernet(2 SFP, 2 SFP/RJ45 Combo) + 4 x (PoE) 10/100/Gig Ethernet TX | |
| i4 x xDSL Ports | |
| i8 x 10/100/1000 Ethernet SFP v3 | |
| i8 x Channelized DS1/E1 ASAP | |
| i8 x MWA Gig Ethernet (100/1000 SFP, 10/100/1000 RJ45) + 4 x FE (10/100 RJ45) | |
| ICM 2 x 10-Gig Extended Performance XFP | |
| IMM 1 x 100GE CFP | |
| IMM 1 x 40GE Extended Performance CFP | |
| IMM 1 x 40GE OTU3 DWDM Tunable Optics | |
| IMM 1 x OC768 OTU3 DWDM Tunable Optics | |
| IMM 10 x 10/100/1000 SFP + 1 x 10GE SFP+ | |
| IMM 10 x 10/100/1000 Ethernet SFP | |
| IMM 10 x 10/100/1000 Ethernet SFP + 1 x 10G XFP | |
| IMM 11 x 10/100/1000 Ethernet SPF/ 22 x 10/100/1000 Ethernet CSFP | |
| IMM 12 x 10GE SF | |
| IMM 2 x 10G SFP+ | |
| IMM 2 x 10G XFP | |
| IMM 2 x 10GE Extended Performance XFP | |
| IMM 24 x 10/100/1000 Ethernet Extended Performance SFP | |
| IMM 24 x 10/100/1000 Ethernet Extended Performance TX | |
| IMM 3 x 40GE Extended Performance QSFP | |
| IMM 4 x 100GE CFP4 | |
| IMM 4 x 100GE CXP | |
| IMM 4 x 10G SFP+ | |
| IMM 4 x 10GE Extended Performance XFP | |
| IMM 40 x 10GE SFP | |
| IMM 5 x 10GE Extended Performance XFP | |

Table 2-104 Card Type (continued)

| Name | Value |
|---|-------|
| IMM P1 x 100GE CFP | |
| IMM P1 x 100GE OTU4 DWDM Tunable Optics | |
| IMM P10 x 10GE SFP | |
| IMM P20 x 1GE SFP | |
| IMM P3 x 40GE QSFP | |
| IMM P6 x 10GE SFP | |
| Integrated Services Card | |
| IOM (CPAA) | |
| IOM-XP | |
| IOM-XP-B | |
| ISA Application Assurance | |
| ISA Broadband Applications | |
| ISA IP Reassembly | |
| ISA IP Security | |
| ISA Mobile | |
| ISA Multi-Service | |
| ISA Multi-Service Export | |
| ISA TMS | |
| ISA Tunnel | |
| ISA Video | |
| ISA-2 IP Reassembly | |
| ISA-2 IP Security | |
| ISA-2 Mobile | |
| ISA2 Application Assurance | |
| ISA2 Broadband Applications | |
| ISA2 Multi Service | |
| ISA2 Tunnel | |
| ISM Mobile | |
| ISM Mobile 2-PAC FP3 | |
| ISM Mobile B | |
| ITLB:Interleaver Card | |
| ITLU:Interleaver Card, Unidirectional | |
| m15-40g-qsfp | |

Table 2-104 Card Type (continued)

| Name | Value |
|---|-------|
| m32-10g-sfp+16-40g-qsfp | |
| MCM-v1 | |
| MCM-XP | |
| MPRe IOM | |
| MSH8-FSM:Mesh 8 Degree Fiber Shuffle Card | |
| MSS1 | |
| No Change | |
| No Daughter Card | |
| No MCM Card | |
| No Processor/Base Card | |
| NUAGE-1 VSC CPM | |
| Optical Client/Line Cards | |
| Optical Transponder Card | |
| OS10K-CFM | |
| OS10K-CMM | |
| OS9600-CMM | |
| OS9700-CMM | |
| OS9700E-CMM | |
| OS9800-CMM | |
| OS9800E-CMM | |
| p1 x GPS Rx | |
| PDN Gateway | |
| PF:Power Filter Card | |
| Power Amplifier-A | |
| Power Amplifier-B | |
| Power Injector Card | |
| Power Supply-A | |
| Power Supply-B | |
| PSC 1x6 Splitter/Combiner | |
| PTP Card | |
| Receiver-A | |
| Receiver-B | |
| Relay Card | |

Table 2-104 Card Type (continued)

| Name | Value |
|--|-------|
| SBBU Extension Card | |
| SBBU Interface Card | |
| SFAN | |
| SFM X16 | |
| SFM X16 B | |
| SFM X20 | |
| SFM X20 B | |
| SFM X20S B | |
| Sun Netra | |
| Sun Workstation | |
| TMN Card | |
| Transmitter-A | |
| Transmitter-B | |
| Unsupported Daughter Card | |
| Unsupported MCM Card | |
| Unsupported Processor/Base Card | |
| User Interface Panel | |
| VSM Cross Connect Adaptor | |
| VSM Cross Connect Adaptor Extended Performance | |
| Wavelength Router Card | |
| X4170 | |
| XCM X16 | |
| XCM X16w | |
| XCM X20 | |
| XMDA 1p x 10GigE / 10p x 1GigE SFP | |
| XMDA 1p x 10GigE / 10p x 1GigE SFP v2 | |

CLEI Code**Table 2-105 CLEI Code**

| Name | Value |
|----------------|-----------|
| Default | yes: |
| Displayed name | CLEI Code |

Table 2-105 CLEI Code (continued)

| Name | Value |
|-------------|----------------------------------|
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General Equipment Location Codes |
| Type | STRING |

Datapath Cell Error Count (Complex 0)

Table 2-106 Datapath Cell Error Count (Complex 0)

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of times the first complex experienced an occurrence of internal datapath cell errors. |
| Displayed name | Datapath Cell Error Count (Complex 0) |
| OSS name | complex1ChipIfCellErrCount |
| Read-only | yes |
| Tab Panel | General Internal Datapath Cell Errors |
| Type | INT |

Datapath Cell Error Count (Complex 1)

Table 2-107 Datapath Cell Error Count (Complex 1)

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of times the first complex experienced an occurrence of internal datapath cell errors. |
| Displayed name | Datapath Cell Error Count (Complex 1) |
| OSS name | complex2ChipIfCellErrCount |
| Read-only | yes |
| Tab Panel | General Internal Datapath Cell Errors |
| Type | INT |

Datapath Error Count (Complex 0)**Table 2-108 Datapath Error Count (Complex 0)**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the number of times the first complex experienced an occurrence of an internal datapath problem. |
| Displayed name | Datapath Error Count (Complex 0) |
| OSS name | complex1ChipIfDownErrCount |
| Read-only | yes |
| Tab Panel | General Internal Datapath Errors |
| Type | INT |

Datapath Error Count (Complex 1)**Table 2-109 Datapath Error Count (Complex 1)**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of times the second complex experienced an occurrence of an internal datapath problem. |
| Displayed name | Datapath Error Count (Complex 1) |
| OSS name | complex2ChipIfDownErrCount |
| Read-only | yes |
| Tab Panel | General Internal Datapath Errors |
| Type | INT |

Egress FCS Error Count (Complex 0)**Table 2-110 Egress FCS Error Count (Complex 0)**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the number of times the first complex experienced an occurrence of a FCS error in the egress direction since startup, last clear, or IOM reboot. |
| Displayed name | Egress FCS Error Count (Complex 0) |
| OSS name | complex1EgressFCSErrorCount |
| Read-only | yes |
| Tab Panel | General PChip FCS Errors |

Table 2-110 Egress FCS Error Count (Complex 0) (continued)

| Name | Value |
|------|-------|
| Type | INT |

Egress FCS Error Count (Complex 1)

Table 2-111 Egress FCS Error Count (Complex 1)

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of times the second complex experienced an occurrence of a FCS error in the egress direction since startup, last clear, or IOM reboot. |
| Displayed name | Egress FCS Error Count (Complex 1) |
| OSS name | complex2EgressFCSErrorCount |
| Read-only | yes |
| Tab Panel | General PChip FCS Errors |
| Type | INT |

Equipped

Table 2-112 Equipped

| Name | Value |
|----------------|----------------------|
| Default | yes:false |
| Displayed name | Equipped |
| OSS name | isEquipped |
| Read-only | yes |
| Tab Panel | General Slot Details |
| Type | BOOL |

Firmware Revision Status

Table 2-113 Firmware Revision Status

| Name | Value |
|----------------|--------------------------|
| Default | yes:notApplicable |
| Displayed name | Firmware Revision Status |
| OSS name | hwFirmwareRevisionStatus |

Table 2-113 Firmware Revision Status (continued)

| Name | Value |
|--------------------------|-------------------------------|
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | HwFirmwareRevisionStatusTypes |
| Enumerated types: | |
| Acceptable | |
| Not Acceptable | |
| Not Applicable | |
| Upgrade Pending | |
| Upgrading | |

Hardware Class**Table 2-114 Hardware Class**

| Name | Value |
|--------------------------|------------------------------|
| Default | no |
| Displayed name | Hardware Class |
| OSS name | hardwareClass |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | HardwareClassType |
| Enumerated types: | |
| External Alarm Input | |
| Fam | |
| N/A | |

Ingress FCS Error Count (Complex 0)**Table 2-115 Ingress FCS Error Count (Complex 0)**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of times the first complex experienced an occurrence of a FCS error in the ingress direction since startup, last clear, or IOM reboot. |
| Displayed name | Ingress FCS Error Count (Complex 0) |

Table 2-115 Ingress FCS Error Count (Complex 0) (continued)

| Name | Value |
|-------------|------------------------------|
| OSS name | complex1IngressFCSErrorCount |
| Read-only | yes |
| Tab Panel | General PChip FCS Errors |
| Type | INT |

Ingress FCS Error Count (Complex 1)**Table 2-116 Ingress FCS Error Count (Complex 1)**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the number of times the second complex experienced an occurrence of a FCS error in the ingress direction since startup, last clear, or IOM reboot. |
| Displayed name | Ingress FCS Error Count (Complex 1) |
| OSS name | complex2IngressFCSErrorCount |
| Read-only | yes |
| Tab Panel | General PChip FCS Errors |
| Type | INT |

Last Boot Up Reason**Table 2-117 Last Boot Up Reason**

| Name | Value |
|--------------------------|----------------------|
| Default | yes:hardReboot |
| Displayed name | Last Boot Up Reason |
| OSS name | lastBootUpReason |
| Read-only | yes |
| Tab Panel | General Card Details |
| Type | BootUpReason |
| Enumerated types: | |
| Activity Switch | |
| Boot Fail | |
| Card Reinserted | |
| CCM failed | |

Table 2-117 Last Boot Up Reason (continued)

| Name | Value |
|----------------------|-------|
| Clear Card | |
| Configuration Change | |
| Hard Reboot | |
| ISSU Hard Reboot | |
| ISSU Timeout | |
| Power Change | |
| Power Cycle | |
| Runtime Fail | |
| Soft Reset | |
| Unexpected | |

Last Occurred

Table 2-118 Last Occurred

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time tmnxCardCmpl1BufMemErrOccur incremented. |
| Displayed name | Last Occurred |
| OSS name | complex1BufMemErrOccurTime |
| Read-only | yes |
| Tab Panel | General Buffer Memory Errors |
| Type | DATE |

Last Occurred

Table 2-119 Last Occurred

| Name | Value |
|----------------|---------------------------|
| Default | yes:0 |
| Displayed name | Last Occurred |
| OSS name | complex1CAMErrorOccurTime |
| Read-only | yes |
| Tab Panel | General CAM Errors |
| Type | DATE |

Last Occurred**Table 2-120 Last Occurred**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the last time tmnxCardCmpl1ChipIfCellOcc incremented. |
| Displayed name | Last Occurred |
| OSS name | complex1ChipIfCellOccTime |
| Read-only | yes |
| Tab Panel | General Internal Datapath Cell Errors |
| Type | DATE |

Last Occurred**Table 2-121 Last Occurred**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the last time tmnxCardCmpl1ChipIfDownOcc incremented. |
| Displayed name | Last Occurred |
| OSS name | complex1ChipIfDownOccTime |
| Read-only | yes |
| Tab Panel | General Internal Datapath Errors |
| Type | DATE |

Last Occurred**Table 2-122 Last Occurred**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the last time when the complex1EgressFCSErrorCount incremented. |
| Displayed name | Last Occurred |
| OSS name | complex1EgressFCSErrorOccurTime |
| Read-only | yes |
| Tab Panel | General PChip FCS Errors |
| Type | DATE |

Last Occurred**Table 2-123 Last Occurred**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time when the complex1IngressFCSErrorCount incremented. |
| Displayed name | Last Occurred |
| OSS name | complex1IngressFCSErrorOccurTime |
| Read-only | yes |
| Tab Panel | General PChip FCS Errors |
| Type | DATE |

Last Occurred**Table 2-124 Last Occurred**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time tmnxCardCmpl1IntMemErrOccur incremented. |
| Displayed name | Last Occurred |
| OSS name | complex1IntMemErrOccurTime |
| Read-only | yes |
| Tab Panel | General Internal Memory Errors |
| Type | DATE |

Last Occurred**Table 2-125 Last Occurred**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time when the complex1MemoryParityErrorCount incremented. |
| Displayed name | Last Occurred |
| OSS name | complex1MemoryParityErrorOccurTime |
| Read-only | yes |
| Tab Panel | General PChip Parity Errors |
| Type | DATE |

Last Occurred

Table 2-126 Last Occurred

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the last time tmnxCardCmpl1StatMemErrOccur incremented. |
| Displayed name | Last Occurred |
| OSS name | complex1StatMemErrOccurTime |
| Read-only | yes |
| Tab Panel | General Statistics Memory Errors |
| Type | DATE |

Last Occurred

Table 2-127 Last Occurred

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time tmnxCardCmpl2BufMemErrOccur incremented. |
| Displayed name | Last Occurred |
| OSS name | complex2BufMemErrOccurTime |
| Read-only | yes |
| Tab Panel | General Buffer Memory Errors |
| Type | DATE |

Last Occurred

Table 2-128 Last Occurred

| Name | Value |
|----------------|---------------------------|
| Default | yes:0 |
| Displayed name | Last Occurred |
| OSS name | complex2CAMErrorOccurTime |
| Read-only | yes |
| Tab Panel | General CAM Errors |
| Type | DATE |

Last Occurred**Table 2-129 Last Occurred**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the last time tmnxCardCmpl1ChipIfCellOcc incremented. |
| Displayed name | Last Occurred |
| OSS name | complex2ChipIfCellOccTime |
| Read-only | yes |
| Tab Panel | General Internal Datapath Cell Errors |
| Type | DATE |

Last Occurred**Table 2-130 Last Occurred**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the last time tmnxCardCmpl2ChipIfDownOcc incremented. |
| Displayed name | Last Occurred |
| OSS name | complex2ChipIfDownOccTime |
| Read-only | yes |
| Tab Panel | General Internal Datapath Errors |
| Type | DATE |

Last Occurred**Table 2-131 Last Occurred**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the last time when the complex2EgressFCSErrorCount incremented. |
| Displayed name | Last Occurred |
| OSS name | complex2EgressFCSErrorOccurTime |
| Read-only | yes |
| Tab Panel | General PChip FCS Errors |
| Type | DATE |

Last Occurred

Table 2-132 Last Occurred

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time when the complex2IngressFCSErrorOccurTime incremented. |
| Displayed name | Last Occurred |
| OSS name | complex2IngressFCSErrorOccurTime |
| Read-only | yes |
| Tab Panel | General PChip FCS Errors |
| Type | DATE |

Last Occurred

Table 2-133 Last Occurred

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time tmnxCardCmpl2IntMemErrOccur incremented. |
| Displayed name | Last Occurred |
| OSS name | complex2IntMemErrOccurTime |
| Read-only | yes |
| Tab Panel | General Internal Memory Errors |
| Type | DATE |

Last Occurred

Table 2-134 Last Occurred

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time when the complex2MemoryParityErrorCount incremented. |
| Displayed name | Last Occurred |
| OSS name | complex2MemoryParityErrorOccurTime |
| Read-only | yes |
| Tab Panel | General PChip Parity Errors |
| Type | DATE |

Last Occurred

Table 2-135 Last Occurred

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the last time tmnxCardCmpl2StatMemErrOccur incremented. |
| Displayed name | Last Occurred |
| OSS name | complex2StatMemErrOccurTime |
| Read-only | yes |
| Tab Panel | General Statistics Memory Errors |
| Type | DATE |

Manufacture Date

Table 2-136 Manufacture Date

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacture Date |
| Maximum | 252 |
| OSS name | manufactureDate |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturer

Table 2-137 Manufacturer

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturer |
| Maximum | 252 |
| OSS name | manufacturer |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Assembly No

Table 2-138 Manufacturing Assembly No

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Assembly No |
| OSS name | manufacturingAssemblyNo |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Deviations

Table 2-139 Manufacturing Deviations

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Deviations |
| OSS name | manufacturingDeviations |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Variant

Table 2-140 Manufacturing Variant

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Variant |
| OSS name | manufacturingVariant |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Memory Error Count (Complex 0)**Table 2-141 Memory Error Count (Complex 0)**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the number of times the first complex experienced an occurrence of a buffer memory error since startup, last clear, or IOM reboot. |
| Displayed name | Memory Error Count (Complex 0) |
| OSS name | complex1BufMemErrCount |
| Read-only | yes |
| Tab Panel | General Buffer Memory Errors |
| Type | INT |

Memory Error Count (Complex 0)**Table 2-142 Memory Error Count (Complex 0)**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of times the first complex experienced an occurrence of an internal memory error since startup, last clear, or IOM reboot. |
| Displayed name | Memory Error Count (Complex 0) |
| OSS name | complex1IntMemErrCount |
| Read-only | yes |
| Tab Panel | General Internal Memory Errors |
| Type | INT |

Memory Error Count (Complex 0)**Table 2-143 Memory Error Count (Complex 0)**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the number of times the first complex experienced an occurrence of a statistics memory error since startup, last clear, or IOM reboot. |
| Displayed name | Memory Error Count (Complex 0) |
| OSS name | complex1StatMemErrCount |
| Read-only | yes |
| Tab Panel | General Statistics Memory Errors |

Table 2-143 Memory Error Count (Complex 0) (continued)

| Name | Value |
|------|-------|
| Type | INT |

Memory Error Count (Complex 1)

Table 2-144 Memory Error Count (Complex 1)

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of times the second complex experienced an occurrence of a buffer memory error since startup, last clear, or IOM reboot. |
| Displayed name | Memory Error Count (Complex 1) |
| OSS name | complex2BufMemErrCount |
| Read-only | yes |
| Tab Panel | General Buffer Memory Errors |
| Type | INT |

Memory Error Count (Complex 1)

Table 2-145 Memory Error Count (Complex 1)

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the number of times the second complex experienced an occurrence of an internal memory error since startup, last clear, or IOM reboot. |
| Displayed name | Memory Error Count (Complex 1) |
| OSS name | complex2IntMemErrCount |
| Read-only | yes |
| Tab Panel | General Internal Memory Errors |
| Type | INT |

Memory Error Count (Complex 1)

Table 2-146 Memory Error Count (Complex 1)

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 2-146 Memory Error Count (Complex 1) (continued)

| Name | Value |
|----------------|---|
| Description | Indicates the number of times the second complex experienced an occurrence of a statistics memory error since startup, last clear, or IOM reboot. |
| Displayed name | Memory Error Count (Complex 1) |
| OSS name | complex2StatMemErrCount |
| Read-only | yes |
| Tab Panel | General Statistics Memory Errors |
| Type | INT |

Memory Parity Error Count (Complex 0)**Table 2-147 Memory Parity Error Count (Complex 0)**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the number of times the first complex experienced an occurrence of a memory parity error since startup, last clear, or IOM reboot. |
| Displayed name | Memory Parity Error Count (Complex 0) |
| OSS name | complex1MemoryParityErrorCount |
| Read-only | yes |
| Tab Panel | General PChip Parity Errors |
| Type | INT |

Memory Parity Error Count (Complex 1)**Table 2-148 Memory Parity Error Count (Complex 1)**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of times the second complex experienced an occurrence of a memory parity error since startup, last clear, or IOM reboot. |
| Displayed name | Memory Parity Error Count (Complex 1) |
| OSS name | complex2MemoryParityErrorCount |
| Read-only | yes |
| Tab Panel | General PChip Parity Errors |
| Type | INT |

Memory Size

Table 2-149 Memory Size

| Name | Value |
|----------------|----------------------|
| Default | yes:0 |
| Displayed name | Memory Size |
| OSS name | memorySize |
| Read-only | yes |
| Tab Panel | General Card Details |
| Type | LONG |
| Units | MB |

Number Of Daughter Card Slots

Table 2-150 Number Of Daughter Card Slots

| Name | Value |
|----------------|-------------------------------|
| Default | yes:2 |
| Displayed name | Number Of Daughter Card Slots |
| OSS name | numberOfDaughterCardSlots |
| Read-only | yes |
| Tab Panel | General Card Details |
| Type | INT |

Number Of Installed Daughter Cards

Table 2-151 Number Of Installed Daughter Cards

| Name | Value |
|----------------|------------------------------------|
| Default | yes:0 |
| Displayed name | Number Of Installed Daughter Cards |
| OSS name | numberOfInstalledDaughterCards |
| Read-only | yes |
| Tab Panel | General Card Details |
| Type | INT |

Operational State

Table 2-152 Operational State

| Name | Value |
|--------------------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | OperationalState |
| Enumerated types: | |
| Booting | |
| Degraded | |
| Diagnosing | |
| Disabled | |
| Down | |
| Downgrade | |
| Empty | |
| Enabled | |
| Failed | |
| In Service Downgrade | |
| In Service Upgrade | |
| Indeterminate | |
| Invalid Connection | |
| No Link | |
| Not Present | |
| Not Relevant | |
| Provisioned | |
| Reserved | |
| Reset Pending | |
| Shutting Down | |
| Soft Reset | |
| Testing | |
| Transition | |
| Unknown | |
| Unprovisioned | |

Table 2-152 Operational State (continued)

| Name | Value |
|-----------------|-------|
| Unsupported SFF | |
| Up | |
| Upgrade | |

Part Number

Table 2-153 Part Number

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Part Number |
| Maximum | 252 |
| OSS name | manufacturerBoardNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Pool Mode

Table 2-154 Pool Mode

| Name | Value |
|--------------------------|----------------------|
| Default | yes:outOfService |
| Displayed name | Pool Mode |
| OSS name | poolMode |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | NamedPoolAdminState |
| Enumerated types: | |
| In Service | |
| Out of Service | |

Serial Number**Table 2-155 Serial Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Serial Number |
| Maximum | 252 |
| OSS name | serialNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Shelf ID**Table 2-156 Shelf ID**

| Name | Value |
|----------------|----------------|
| Default | yes:0 |
| Displayed name | Shelf ID |
| OSS name | shelfId |
| Read-only | yes |
| Tab Panel | Slot Equipment |
| Type | INT |

Shelf Type**Table 2-157 Shelf Type**

| Name | Value |
|--------------------------|----------------------|
| Displayed name | Shelf Type |
| OSS name | shelfType |
| Read-only | yes |
| Tab Panel | General Slot Details |
| Type | ShelfType |
| Enumerated types: | |
| | 1830 PSS 1 AHP |
| | 1830 PSS 1 GBEH |
| | 1830 PSS 1 MD4H |

Table 2-157 Shelf Type (continued)

| Name | Value |
|-----------------------------|-------|
| 1830 PSS 16 | |
| 1830 PSS 16 Shelf | |
| 1830 PSS 32 | |
| 1830 PSS 32 Shelf | |
| 1830 PSS 32s | |
| 1830 PSS 32s 1.2T Shelf | |
| 1830 PSS 32s 1.6T Shelf | |
| 1830 PSS 36 | |
| 1830 PSS 36 Shelf | |
| 1830 PSS 4 | |
| 1830 PSS 4 Shelf | |
| 1830 PSS 64 | |
| 1830 PSS 64 Shelf | |
| 1830 PSS TRU Shelf | |
| 1830 PSS Universal Shelf | |
| 5780 DSC - ATCA | |
| 5780 DSC - CSB | |
| 5780 DSC - DCP | |
| 5780 DSC - Non-ATCA | |
| 5780 DSC - PCRF | |
| 7210 SAS-D-6F-4T | |
| 7210 SAS-D-6F-4T ETR | |
| 7210 SAS-E | |
| 7210 SAS-K-2F-3T | |
| 7210 SAS-K-2F-3T ETR | |
| 7210 SAS-M-24F | |
| 7210 SAS-M-24F ETR | |
| 7210 SAS-M-24F-2XFP | |
| 7210 SAS-M-24F-2XFP ETR | |
| 7210 SAS-R6 | |
| 7210 SAS-T-12F-10T-4XFP | |
| 7210 SAS-T-12F-10T-4XFP ETR | |
| 7210 SAS-X-24F-2XFP | |

Table 2-157 Shelf Type (continued)

| Name | Value |
|-------------------------------|-------|
| 7250 SAS | |
| 7250 SAS ES | |
| 7250 SAS ESA | |
| 7450-ESS1 | |
| 7450-ESS12 | |
| 7450-ESS24 | |
| 7450-ESS4 | |
| 7450-ESS6 | |
| 7450-ESS6V | |
| 7450-ESS7 | |
| 7701 CPAA | |
| 7705 SAR-A | |
| 7705 SAR-A T1/E1 | |
| 7705 SAR-H | |
| 7705 SAR-Hc | |
| 7705 SAR-W | |
| 7705 SAR-Wx (4GE xDSL GPS Rx) | |
| 7705 SAR-Wx (4GE xDSL) | |
| 7705 SAR-Wx (5GE GPS Rx) | |
| 7705 SAR-Wx (5GE PoE+ GPS Rx) | |
| 7705 SAR-Wx (5GE PoE+) | |
| 7705 SAR-Wx (5GE) | |
| 7705-SAR18 | |
| 7705-SAR8 | |
| 7705-SAR8 v2 | |
| 7705-SARF | |
| 7705-SARM | |
| 7705-SARM ASAP | |
| 7705-SARM ASAP FL | |
| 7705-SARM FL | |
| 7710-SRc12 | |
| 7710-SRc4 | |
| 7750-SR1 | |

Table 2-157 Shelf Type (continued)

| Name | Value |
|--|-------|
| 7750-SR12 | |
| 7750-SR12-MG | |
| 7750-SR12e | |
| 7750-SR24 | |
| 7750-SR4 | |
| 7750-SR7 | |
| 7750-SR7-MG | |
| 7750-SRa4 | |
| 7750-SRa8 | |
| 7750-SRc12 | |
| 7750-SRc4 | |
| 7850 | |
| 7950-XRS16 | |
| 7950-XRS20 | |
| 9412 D2U BUILT-IN EAM E-NODEB TDD | |
| 9412 D2U E-NODEB FDD | |
| 9412 D2U E-NODEB Indoor FDD | |
| 9412 D2U E-NODEB Indoor TDD | |
| 9412 D2U E-NODEB Outdoor with AMR FDD | |
| 9412 D2U E-NODEB Outdoor with AMR TDD | |
| 9412 D2U E-NODEB Outdoor without AMR FDD | |
| 9412 D2U E-NODEB Outdoor without AMR TDD | |
| 9412 D2U E-NODEB TDD | |
| 9471 ATCA | |
| 9471 ATE | |
| 9471 MME | |
| 9471 Next Gen | |
| 9471 SGSN | |
| 9471 SRS | |
| 9471 vWMM | |
| 9471 WMM | |
| 9500 MPR-A | |
| 9500 MPR-A Chassis 1 | |

Table 2-157 Shelf Type (continued)

| Name | Value |
|---|-------|
| 9500 MPR-A Chassis 4 | |
| 9500 MPR-E | |
| 9500 MPR-E Chassis 1 | |
| 9500 MPR-E Chassis 4 | |
| 9500 MPR-E | |
| 9763 MCI FAM E-NODEB FDD | |
| 9764 MCO FAM Adv E-NODEB FDD | |
| 9764 MCO FAM E-NODEB FDD | |
| 9764 MCO TRF E-NODEB FDD | |
| 9774 LMG | |
| 9926 D2U E-NODEB FDD | |
| 9926 D2U E-NODEB TDD | |
| 9966 SCGW | |
| DCM :Dispersion Compensation Module Shelf | |
| E-NODEB | |
| Empty Shelf | |
| FemtoCluster | |
| FemtoNetwork | |
| GNE | |
| GroupProfile | |
| HardwareProfile | |
| HDMCluster | |
| HDMDomain | |
| HIP Chassis | |
| ITLB: Interleaver Shelf, Bidirectional | |
| ITLU: Interleaver Shelf, Unidirectional | |
| LocationProfile | |
| Locations | |
| LteCallpProfile | |
| LteLocalOverride | |
| LteOAMProfile | |
| LteProfile | |
| LteRRMProfile | |

Table 2-157 Shelf Type (continued)

| Name | Value |
|----------------------|-------|
| LteTransportProfile | |
| MacroCells | |
| Master Shelf | |
| MDR 8000-Compact | |
| MDR 8000-Hot-Standby | |
| MDR-8000E-Compak | |
| MDR-8000E-Standard | |
| MDR-8000i | |
| MDR-8000s | |
| MDR-8000u | |
| MSH8-FSM Shelf | |
| MSS-1 | |
| MSS-4 | |
| MSS-8 | |
| OmniSwitch 10K | |
| OmniSwitch 6250 | |
| OmniSwitch 6400 | |
| OmniSwitch 6850 | |
| OmniSwitch 6850E | |
| OmniSwitch 6855 | |
| OmniSwitch 6855-U24X | |
| OmniSwitch 6900-T20 | |
| OmniSwitch 6900-T40 | |
| OmniSwitch 6900-X20 | |
| OmniSwitch 6900-X40 | |
| OmniSwitch 9600 | |
| OmniSwitch 9700 | |
| OmniSwitch 9700E | |
| OmniSwitch 9800 | |
| OmniSwitch 9800E | |
| OS6250-24 | |
| OS6250-24M | |
| OS6250-24MD | |

Table 2-157 Shelf Type (continued)

| Name | Value |
|-------------|-------|
| OS6250-8M | |
| OS6250-P24 | |
| OS6400-24 | |
| OS6400-48 | |
| OS6400-DU24 | |
| OS6400-P24 | |
| OS6400-P48 | |
| OS6400-U24 | |
| OS6450-10 | |
| OS6450-10L | |
| OS6450-24 | |
| OS6450-24L | |
| OS6450-48 | |
| OS6450-48L | |
| OS6450-P10 | |
| OS6450-P10L | |
| OS6450-P10S | |
| OS6450-P24 | |
| OS6450-P24L | |
| OS6450-P48 | |
| OS6450-P48L | |
| OS6450-U24 | |
| OS6450-U24S | |
| OS6850-24 | |
| OS6850-24L | |
| OS6850-24LU | |
| OS6850-24X | |
| OS6850-48 | |
| OS6850-48L | |
| OS6850-48LU | |
| OS6850-48X | |
| OS6850-P24 | |
| OS6850-P24L | |

Table 2-157 Shelf Type (continued)

| Name | Value |
|---|-------|
| OS6850-P24LU | |
| OS6850-P24X | |
| OS6850-P48 | |
| OS6850-P48L | |
| OS6850-P48LU | |
| OS6850-P48X | |
| OS6850-U24X | |
| OS6850E-24 | |
| OS6850E-24X | |
| OS6850E-48 | |
| OS6850E-48X | |
| OS6850E-P24 | |
| OS6850E-P24X | |
| OS6850E-P48 | |
| OS6850E-P48X | |
| OS6850E-U24X | |
| OS6855-14 | |
| OS6855-24 | |
| OS6855-U10 | |
| OS6855-U24 | |
| OS6855-U24X | |
| Pre-Provisioned E-NODEB | |
| Profile | |
| PSC1-6 | |
| SCGW 9966 ATCA | |
| SFD 40 B:Static Filter DWDM 40 Odd Channel Shelf | |
| SFD 40: Static Filter DWDM 40 Even Channel Shelf | |
| SFD 44 B :Static Filter DWDM 44 Odd Channel Shelf | |
| SFD 44: Static Filter DWDM 44 Even Channel Shelf | |
| SmallCells ATCA | |
| T4R | |
| T5 Compact 24F | |
| T5 Compact 24G | |

Table 2-157 Shelf Type (continued)

| Name | Value |
|-----------------|-------|
| T5 Compact 24GT | |
| T5 Compact 24T | |
| T5 Compact 48T | |
| T5R | |
| Unknown | |
| Unknown Shelf | |
| VSC | |

Site ID

Table 2-158 Site ID

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site ID

Table 2-159 Site ID

| Name | Value |
|----------------|----------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | Slot Equipment |
| Type | STRING |

Site Name

Table 2-160 Site Name

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site Name

Table 2-161 Site Name

| Name | Value |
|----------------|----------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | Slot Equipment |
| Type | STRING |

Slot ID

Table 2-162 Slot ID

| Name | Value |
|-----------------------|----------------------|
| Default | yes:0 |
| Displayed name | Slot ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | slotId |
| Read-only | no |
| Tab Panel | General Slot Details |
| Type | INT |

Slot Name**Table 2-163 Slot Name**

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | Slot Name |
| Maximum | 252 |
| OSS name | slotName |
| Read-only | yes |
| Tab Panel | General Slot Details |
| Type | STRING |

Software Version**Table 2-164 Software Version**

| Name | Value |
|----------------|----------------------|
| Default | yes:unknown |
| Displayed name | Software Version |
| Maximum | 50 |
| Minimum | 0 |
| OSS name | cardVersion |
| Read-only | yes |
| Tab Panel | General Card Details |
| Type | STRING |

Source Cards of Egress FCS Errors (Complex 0)**Table 2-165 Source Cards of Egress FCS Errors (Complex 0)**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the Source Slots reported from the last time the first complex experienced an occurrence of a FCS error in the egress direction since startup, last clear, or IOM reboot. incremented. |
| Displayed name | Source Cards of Egress FCS Errors (Complex 0) |
| OSS name | complex1EgressFCSErrorSourceSlots |
| Read-only | yes |

Table 2-165 Source Cards of Egress FCS Errors (Complex 0) (continued)

| Name | Value |
|--------------------------|--------------------------|
| Tab Panel | General PChip FCS Errors |
| Type | CardSlotBitMap |
| Enumerated types: | |
| Slot 1 | |
| Slot 10 | |
| Slot 11 | |
| Slot 12 | |
| Slot 13 | |
| Slot 14 | |
| Slot 15 | |
| Slot 16 | |
| Slot 2 | |
| Slot 3 | |
| Slot 4 | |
| Slot 5 | |
| Slot 6 | |
| Slot 7 | |
| Slot 8 | |
| Slot 9 | |

Source Cards of Egress FCS Errors (Complex 1)

Table 2-166 Source Cards of Egress FCS Errors (Complex 1)

| Name | Value |
|--------------------------|---|
| Default | yes:0 |
| Description | Indicates the Source Slots reported from the last time the second complex experienced an occurrence of a FCS error in the egress direction since startup, last clear, or IOM reboot. incremented. |
| Displayed name | Source Cards of Egress FCS Errors (Complex 1) |
| OSS name | complex2EgressFCSErrorSourceSlots |
| Read-only | yes |
| Tab Panel | General PChip FCS Errors |
| Type | CardSlotBitMap |
| Enumerated types: | |

Table 2-166 Source Cards of Egress FCS Errors (Complex 1) (continued)

| Name | Value |
|---------|-------|
| Slot 1 | |
| Slot 10 | |
| Slot 11 | |
| Slot 12 | |
| Slot 13 | |
| Slot 14 | |
| Slot 15 | |
| Slot 16 | |
| Slot 2 | |
| Slot 3 | |
| Slot 4 | |
| Slot 5 | |
| Slot 6 | |
| Slot 7 | |
| Slot 8 | |
| Slot 9 | |

System Resource Profile Policy

Table 2-167 System Resource Profile Policy

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the System Resource Profile Policy for this card. Applicable only for 7210 SAS R nodes. |
| Displayed name | System Resource Profile Policy |
| OSS name | systemResourceProfilePolicy |
| Read-only | no |
| Tab Panel | General System Resource Profile |
| Type | POINTER |

Card Slot parameters

Administrative State

Table 2-168 Administrative State

| Name | Value |
|--------------------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General Equipment |
| Type | AdministrativeState |
| Enumerated types: | |
| Diagnose | |
| Down | |
| Locked | |
| Maintenance | |
| Not Relevant | |
| Operate Switch | |
| Shutting Down | |
| Unknown | |
| Unlocked | |
| Up | |

Assigned Card Sub Type

Table 2-169 Assigned Card Sub Type

| Name | Value |
|--------------------------|------------------------|
| Default | yes:unspecified |
| Displayed name | Assigned Card Sub Type |
| OSS name | assignedCardSubType |
| Read-only | no |
| Tab Panel | General General |
| Type | CardSubType |
| Enumerated types: | |
| 10AN10G | |

Table 2-169 Assigned Card Sub Type (continued)

| Name | Value |
|-----------------|-------|
| 10ET10G | |
| 10OTH10G | |
| 112PDM11 | |
| 112SA1L | |
| 112SCA1-100GEth | |
| 112SCA1-OTU4 | |
| 112SCX10 | |
| 112SDX11 | |
| 112SNA1-100GEth | |
| 112SNA1-OTU4 | |
| 112SNX10 | |
| 112SX10L | |
| 11DPE12 | |
| 11DPE12A | |
| 11DPE12E | |
| 11DPM12 | |
| 11DPM4E | |
| 11DPM4M | |
| 11DPM8 | |
| 11OPE8 | |
| 11QCE12X | |
| 11QCUP | |
| 11QCUPC | |
| 11QPA4 | |
| 11QPE24 | |
| 11QPEN4 | |
| 11STAR1 | |
| 11STAR1A | |
| 11STGE12 | |
| 11STMM10 | |
| 130SCA1 | |
| 130SCUP | |
| 130SCUPB | |

Table 2-169 Assigned Card Sub Type (continued)

| Name | Value |
|------------------|-------|
| 130SCUPC | |
| 130SCX10 | |
| 130SNX10 | |
| 1AN100G | |
| 1DPP24M-Master | |
| 1DPP24M-Slave | |
| 24ANM | |
| 24ANMB | |
| 24ET1G | |
| 24ET1GB | |
| 260SCX2 | |
| 2AN40G | |
| 43SCA1-OTU3 | |
| 43SCA1-SONET/SDH | |
| 43SCGE1 | |
| 43SCUP | |
| 43SCX4 | |
| 43SCX4E | |
| 43STA1P | |
| 43STX4 | |
| 43STX4P | |
| 4AN10G | |
| 4DPA2 | |
| 4DPA4 DualTran | |
| 4DPA4 FlexMux | |
| 4QPA8 | |
| 8ET1GB | |
| A2325A | |
| A2P2125 | |
| A4PSWG | |
| AA2DONW | |
| AAR-8A | |
| AHPHG | |

Table 2-169 Assigned Card Sub Type (continued)

| Name | Value |
|----------|-------|
| AHPLG | |
| ALPFGK | |
| ALPFGT | |
| ALPHG | |
| AM2017B | |
| AM2032A | |
| AM2125A | |
| AM2125B | |
| AM2318A | |
| AM2325B | |
| AM2625A | |
| ASWG | |
| BT36 | |
| BT3T8 | |
| BTC | |
| BTC3T8 | |
| CWR8 | |
| CWR8-88 | |
| DCM | |
| EC | |
| ECHC | |
| Fan Unit | |
| FAN3T8 | |
| FLC | |
| FLC36 | |
| FLC36EA | |
| FLC64 | |
| HKPCNTL | |
| HPCFAP | |
| ITLB | |
| ITLU | |
| MCS8-16 | |
| MESH4 | |

Table 2-169 Assigned Card Sub Type (continued)

| Name | Value |
|------------------------|-------|
| MSH8-FSM | |
| MT0C | |
| MT1T9C | |
| MT3T8 | |
| MT960C | |
| MTC1T9 | |
| MVAC | |
| MVAC8B | |
| MXEC320H | |
| Occupied by other Card | |
| OPSA | |
| OPSB | |
| OSC | |
| OSCT | |
| OTDR | |
| PF | |
| PSC1-6 | |
| PSF3T8 | |
| PSFC | |
| PTPCTL | |
| PTPIO | |
| RA2P | |
| SFC1A | |
| SFC1B | |
| SFC1C | |
| SFC1D | |
| SFC1E | |
| SFC1F | |
| SFC1G | |
| SFC1H | |
| SFC2A | |
| SFC2B | |
| SFC2C | |

Table 2-169 Assigned Card Sub Type (continued)

| Name | Value |
|----------------------|-------|
| SFC2D | |
| SFC4A | |
| SFC4B | |
| SFC8 | |
| SFD40 | |
| SFD40B | |
| SFD44 | |
| SFD44B | |
| SFD4A | |
| SFD4B | |
| SFD4C | |
| SFD4D | |
| SFD4E | |
| SFD4F | |
| SFD4G | |
| SFD4H | |
| SFD5A | |
| SFD5B | |
| SFD5C | |
| SFD5D | |
| SFD5E | |
| SFD5F | |
| SFD5G | |
| SFD5H | |
| SFD8A | |
| SFD8B | |
| SFD8C | |
| SFD8D | |
| SVAC | |
| User Interface Panel | |
| WR2-88 | |
| WR20-TF | |
| WR20-TFM | |

Table 2-169 Assigned Card Sub Type (continued)

| Name | Value |
|----------|-------|
| WR8-88A | |
| WR8-88AF | |
| WTOCM | |
| WTOCM-F | |
| WTOCMA | |

Assigned Card Type

Table 2-170 Assigned Card Type

| Name | Value |
|---|--------------------|
| Default | yes:unassigned |
| Displayed name | Assigned Card Type |
| OSS name | assignedChildType |
| Read-only | no |
| Tab Panel | General General |
| Type | CardType |
| Enumerated types: | |
| 1 Colour Optical Add/Drop Mux | |
| 1 Tb CPM / Switch Fabric 4 | |
| 1 Tb Switch Fabric 4 | |
| 1 Tb Switch Fabric 5 | |
| 1 x 10-Gig Ethernet | |
| 1 x 10-Gig Ethernet + 10 x 10/100/1000 Ethernet SFP | |
| 1 x 10-Gig Ethernet DWDM Tunable Optics | |
| 1 x 10-Gig Ethernet XFP | |
| 1 x 10-Gig Extended Performance XFP | |
| 1 x 100-Gig Ethernet CFP2 | |
| 1 x 100GE CFP | |
| 1 x Channelized OC12 ASAP | |
| 1 x Channelized OC12 CES | |
| 1 x Channelized OC3 CES | |
| 1 x Channelized OC3 CES CMA | |
| 1 x Gig Ethernet SFP CMA | |

Table 2-170 Assigned Card Type (continued)

| Name | Value |
|---|-------|
| 1 X Gig Ethernet XP SFP CMA | |
| 1 x OC12 Deep Channel | |
| 1 x OC192 | |
| 1 x Radio Modem | |
| 1 x STM (Channelized) | |
| 1-PAC FP3 IMM | |
| 1-Port 100GE CFP IMM | |
| 1-Port 40GE CFP IMM | |
| 1-Port 40GE OTU3 Long Reach DWDM Tunable IMM | |
| 1-Port OC768 OTU3 Long Reach DWDM Tunable IMM | |
| 10 x 1-Gig Ethernet SFP | |
| 10 x 1-Gig Extended Performance SFP | |
| 10 x 10-Gig Ethernet SFP+ | |
| 10 x 10/100/1000 Ethernet SFP | |
| 10 x 10GE XP SFP+ | |
| 10-Port Fast/Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port Gig Ethernet (8 FX, 2 TX) | |
| 10-Port Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port GIGE SFP + 1-Port 10GE SFP+ IMM | |
| 10-Port GIGE SFP + 1-Port 10GE XFP IMM | |
| 10-Port GIGE SFP IMM | |
| 10-Port PoE Fast/Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port PoE Gig Ethernet(8 TX, 2 Dual TX/FX) - S | |
| 10-Port PoE Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 100g CPM / Switch Fabric | |
| 11 x 1G SFP / 22 x 1G CSPF IMM | |
| 12 x 1-Gig Extended Performance SFP | |
| 12 x 10/100/1000 Ethernet SFP + 10 Copper + 4 x 10 GigE XFP | |
| 12 x 100/1000 SFP + 12 x 10/100/1000 Ethernet | |
| 12 x Channelized DS3/E3 ASAP | |
| 12 x DS3/E3 Deep Channel | |
| 12 x Fast Ethernet 100 FX | |
| 12 x Serial Data | |

Table 2-170 Assigned Card Type (continued)

| Name | Value |
|---|-------|
| 12 x Serial Data v2 | |
| 12-Port 10 Gig Ethernet SFP+ (OS-XNI-U12) | |
| 12-Port 10 Gig Ethernet SFP+ (OS9-XNI-U12E) | |
| 12-Port 10GE SF IMM | |
| 120g CPM / Switch Fabric | |
| 120g Extended Performance CPM / Switch Fabric | |
| 14-Port Gig Ethernet (12 TX (4 PoE), 2 FX) | |
| 16 x ATM OC3 SFP | |
| 16 x ATM OC3 SFP B | |
| 16 x Channelized DS1/E1 ASAP | |
| 16 x Channelized DS1/E1 ASAP v2 | |
| 16 x E1 (ASAP) | |
| 16 x OC12/OC3 SFP | |
| 16 x OC12/OC3 SFP B | |
| 16 x OC3 SFP | |
| 16-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U16E) | |
| 2 Colour Optical Add/Drop Mux | |
| 2 PORT 100GE CFP C-XMA | |
| 2 Tb Switch Fabric 5 | |
| 2 x 10 GigE XFP | |
| 2 x 10-Gig Bridged Ethernet XFP + 1 x 2.5G Virtual Ethernet | |
| 2 x 10-Gig Bridged Ethernet XFP + 1 x 2.5G Virtual Ethernet Module | |
| 2 x 10-Gig Ethernet + 12 x 1-Gig Ethernet XP | |
| 2 x 10-Gig Ethernet XFP | |
| 2 x 10-Gig Extended Performance XFP | |
| 2 x 10-Gig MDA IOM | |
| 2 x 10-Gig MDA IOM 2 | |
| 2 x 10-Gig MDA IOM Card, B | |
| 2 x 10-Gig MDA Oversubscribed IOM Card | |
| 2 x 10/100/1000 SFP + 1 x 10/100/1000 SFP/Ethernet Combo + 2 x 10/100/1000 Ethernet | |
| 2 x 10/40 Gig MDA IOM card | |
| 2 x 10GE SFP + 12 x 1GE SFP | |
| 2 x 10Gig Ethernet Extended Performance XFP WaveTracker | |

Table 2-170 Assigned Card Type (continued)

| Name | Value |
|--|-------|
| 2 x 40 Gig MDA IOM card | |
| 2 x Channelized OC12 ASAP | |
| 2 x Channelized OC3/STM1 ASAP SFP | |
| 2 x DS3 | |
| 2 x Gig Ethernet 1000 FX | |
| 2 x OC12/OC3 CMA | |
| 2 x OC12/OC3 CMA B | |
| 2 x OC192 Extended Performance XFP | |
| 2 x OC48 SFP | |
| 2 x Serial Data + 2 x Channelized DS1/E1 | |
| 2 x STM | |
| 2 x XP MDA IOM 3 | |
| 2 x XP MDA IOM 3, B | |
| 2 x XP MDA IOM 3, C | |
| 2+2 x Ethernet (EAS) | |
| 2-PAC FP3 IMM | |
| 2-Port 10 Gig Ethernet XFP (OS9-XNI-U2) | |
| 2-Port 10 Gig Ethernet XFP (OS9-XNI-U2E) | |
| 2-Port 10GE SFP+ IMM | |
| 2-Port 10GE XFP IMM | |
| 2-PPAC FP3 IMM | |
| 2.4 Tb Switch Fabric 5 | |
| 20 PORT 10GE SFP + C-XMA | |
| 20 x 10/100/1000 Ethernet Extended Performance SFP | |
| 20 x 10/100/1000 Ethernet Extended Performance TX | |
| 20 x 10/100/1000 Ethernet SFP | |
| 20 x 10/100/1000 Ethernet Tx | |
| 20 x 100 Ethernet Fx | |
| 20-Port 10 Gig Ethernet (OS6900-T20) | |
| 20-Port 10 Gig Ethernet SFP+ (OS6900-X20) | |
| 200g CPM / Switch Fabric | |
| 200g CPM / Switch Fabric 2 | |
| 22-Port (8 TX, 12 FX, 2 GE) | |

Table 2-170 Assigned Card Type (continued)

| Name | Value |
|--|-------|
| 22-Port Gig Ethernet (20 TX, 2 FX) (OS9-GNI-C20L) | |
| 24 x 10/100/1000 Ethernet SFP | |
| 24 x 10/100/1000 Ethernet SFP + 2 x 10 GigE XFP | |
| 24 x Fast Ethernet 10/100 FX | |
| 24 x Fast Ethernet 10/100 TX | |
| 24 x Gig Ethernet (20 FX, 4 Dual TX/FX) | |
| 24 x Gig Ethernet (20 TX, 4 Dual TX/FX) | |
| 24-Port (20 x Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 24-Port (20 x PoE Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 24-Port (8 TX, 12 FX, 4 GE) | |
| 24-Port Fast Ethernet Metro(24 TX, 2 Dual TX/FX) | |
| 24-Port Fast Ethernet SME(24 TX, 2 Dual TX/FX) | |
| 24-Port Fast Ethernet SME(24 TX, 2 Dual TX/FX) with DC Power Supply | |
| 24-Port Fast-Ethernet | |
| 24-Port Fast-Ethernet FX | |
| 24-Port Fast/Gig Ethernet(24 TX, 2 SFP) | |
| 24-Port Gig Ethernet (2 Dual TX/FX, 22 FX) | |
| 24-Port Gig Ethernet (2 Dual TX/FX, 22 FX) with Internal DC Power Supply | |
| 24-Port Gig Ethernet (20 TX (4 PoE), 4 Dual TX/FX) | |
| 24-Port Gig Ethernet (20 TX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port Gig Ethernet (22 FX, 2 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port Gig Ethernet (22 FX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port Gig Ethernet (22 FX, 2 TX/FX) | |
| 24-Port Gig Ethernet (22 FX, 2 TX/FX, 2 FX/STK) | |
| 24-Port Gig Ethernet (4 Dual TX/FX, 20 TX) | |
| 24-Port Gig Ethernet FX (OS9-GNI-U24) | |
| 24-Port Gig Ethernet FX (OS9-GNI-U24E) | |
| 24-Port Gig Ethernet TX (OS9-GNI-C24) | |
| 24-Port Gig Ethernet TX (OS9-GNI-C24E) | |
| 24-Port Gig Ethernet(20 FX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP - E | |

Table 2-170 Assigned Card Type (continued)

| Name | Value |
|--|-------|
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) - E | |
| 24-Port Gig Ethernet(22 FX, 2 Dual TX/FX, 2 SFP) | |
| 24-Port Gig Ethernet(22 FX, 2 Dual TX/FX, 2 SFP) - S | |
| 24-Port Gig Ethernet(24 TX, 2 SFP) | |
| 24-Port PoE Fast/Gig Ethernet(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) - E | |
| 24-Port PoE Gig Ethernet SME(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet TX (OS9-GNI-P24) | |
| 24-Port PoE Gig Ethernet TX (OS9-GNI-P24E) | |
| 24-Port PoE Gig Ethernet(20 TX, 4 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet(4 Dual TX/FX, 20 TX) | |
| 250g CPM / Switch Fabric 3 | |
| 3-Port 40 Gig Ethernet QSFP+ (OS-QNI-U3) | |
| 3-Port 40GIGE QSFP IMM | |
| 32 x Channelized DS1/E1 ASAP v2 | |
| 32 x DS1 | |
| 32 x E1 | |
| 32-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U32E) | |
| 32-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U32S) | |
| 4 Colour Optical Add/Drop Mux | |
| 4 PORT 100GE CFP2 XMA | |
| 4 PORT 100GE CXP XMA | |
| 4 x 10-Gig Extended Performance XFP | |
| 4 x 10/100 Ethernet TX | |
| 4 x 10/100/1000 1Gig SFP + 2 x 10Gig SFP+ + SyncE | |
| 4 x 10/100/1000 Ethernet Tx | |
| 4 x 10GE SFP+ | |
| 4 x ATM OC12/OC3 SFP | |
| 4 x ATM OC12/OC3 SFP B | |
| 4 x Channelized DS3/E3 ASAP | |

Table 2-170 Assigned Card Type (continued)

| Name | Value |
|--|-------|
| 4 x Channelized OC3 ASAP | |
| 4 x Channelized OC3 CES | |
| 4 x Channelized OC3/OC12 ASAP SFP | |
| 4 x DS1/E1 CE | |
| 4 x DS3/E3 CMA | |
| 4 x DS3/E3 Deep Channel | |
| 4 x Gig Ethernet (2 TX, 2 FX) | |
| 4 x MDA IOM | |
| 4 X MWA Gig Ethernet (2 TX, 2 SFP) + 4 X Gig Ethernet SFP | |
| 4 x OC3 Deep Channel | |
| 4 x OC3/STM1 ASAP SFP | |
| 4 x OC48 SFP | |
| 4 x OC48 SFP B | |
| 4+4 x Ethernet (EAS) | |
| 4-Port 10 Gig Ethernet SFP+ (OS-XNI-U4) | |
| 4-Port 100GE CFP4 IMM | |
| 4-Port 100GE CXP IMM | |
| 4-Port 10GE SFP+ IMM | |
| 4-Port 10GE XFP IMM | |
| 4-Port 40 Gig Ethernet QSFP+ (OS10K-QNI-U4E) | |
| 40 PORT 10GE SFP+ XMA | |
| 40-Port 10 Gig Ethernet (OS6900-T40) | |
| 40-Port 10 Gig Ethernet SFP+ (OS6900-X40) | |
| 40-Port 10GE SFP+ IMM | |
| 400g CPM / Switch Fabric | |
| 400g CPM / Switch Fabric 2 | |
| 44 x 1GE CSFP | |
| 48 x Fast Ethernet 10/100 TX | |
| 48 x Gig Ethernet Extended Performance TX | |
| 48-Port (44 x Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 48-Port (44 x PoE Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 48-Port Fast-Ethernet | |
| 48-Port Fast/Gig Ethernet(48 TX, 2 SFP) | |

Table 2-170 Assigned Card Type (continued)

| Name | Value |
|--|-------|
| 48-Port Gig Ethernet (4 Dual TX/FX, 44 TX) | |
| 48-Port Gig Ethernet (44 TX, 4 Dual TX/FX) | |
| 48-Port Gig Ethernet (46 TX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 48-Port Gig Ethernet + 2 x 10-GigE XFP | |
| 48-Port Gig Ethernet SFP (OS10K-GNI-U48E) | |
| 48-Port Gig Ethernet TX (OS10K-GNI-C48E) | |
| 48-Port Gig Ethernet TX (OS9-GNI-C48T) | |
| 48-Port Gig Ethernet(44 TX, 4 Dual TX/FX) - E | |
| 48-Port Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port GIGE SFP IMM | |
| 48-Port GIGE SFP IMM, B | |
| 48-Port GIGE SFP IMM, C | |
| 48-Port GIGE TX IMM | |
| 48-Port GIGE TX IMM, B | |
| 48-Port PoE Fast/Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port PoE Gig Ethernet (44 TX, 4 Dual TX/FX) - E | |
| 48-Port PoE Gig Ethernet (46 TX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 48-Port PoE Gig Ethernet + 2 x 10-GigE XFP | |
| 48-Port PoE Gig Ethernet(4 Dual TX/FX, 44 TX) | |
| 48-Port PoE Gig Ethernet(44 TX, 4 Dual TX/FX) | |
| 48-Port PoE Gig Ethernet(48 TX, 2 SFP) | |
| 5 x 1-Gig Ethernet SFP | |
| 5 x 10/100/1000 Ethernet SFP | |
| 5 X Gig Ethernet XP SFP CMA | |
| 5-Port 10GE XFP IMM | |
| 500g CPM / Switch Fabric 3 | |
| 500g CPM / Switch Fabric 4 | |
| 6 PORT 40GE QSFP C-XMA | |
| 6 x 10/100 Ethernet + 2 x 10/100/1000 Ethernet SFP | |
| 6 x 10/100 Ethernet + 2 x 10/100/1000 Ethernet SFP v2 | |
| 6 x 100/1000 SFP + 4 x 10/100/1000 Ethernet | |
| 6 x 10GE SFP + 1 x 40GE QSFP+ | |
| 6 x EM | |

Table 2-170 Assigned Card Type (continued)

| Name | Value |
|---|-------|
| 6 x FXS Interface | |
| 6-Port 10 Gig Ethernet XFP (OS9-XNI-U6) | |
| 6-Port Gig Ethernet (4 x 10 Gig SFP+, 2 x 40 Gig QSFP+) (OS-HNI-U6) | |
| 60 x 10/100 Ethernet | |
| 72 PORT 1GE SFP C-XMA | |
| 7210 CPM, Internal | |
| 7210 IOM | |
| 7705 1g CSM | |
| 7705 1g/10g CSM | |
| 7705 2.5g CSM | |
| 7705 IOM | |
| 7705 SAR-8 1g/10g CSM | |
| 7710 CFM | |
| 7710 IOM | |
| 7750-SRc4 CFM-C4-XP | |
| 7750-SRc4 IOM-C4-XP | |
| 7850 CPM DCOR | |
| 7850 CPM VSA | |
| 7850 CPM VSA-2 | |
| 7850 CPM VSG | |
| 8 Colour Optical Add/Drop Mux | |
| 8 x 10/100 Ethernet Tx CMA | |
| 8 x 10/100/1000 Ethernet SFP | |
| 8 x 10/100/1000 Ethernet SFP v2 | |
| 8 x 10/100/1000 Ethernet SFP v3 | |
| 8 X ATM DS1/E1 CMA | |
| 8 x DS1/E1 Channel CMA | |
| 8 x Fast Ethernet 10/100 TX | |
| 8 x FXO Interface | |
| 8 x OC12/OC3 SFP | |
| 8 x OC3 SFP | |
| 8 x Voice Teleprotection Interface | |
| 8-Port 10 Gig Ethernet (OS-XNI-T8) | |

Table 2-170 Assigned Card Type (continued)

| Name | Value |
|--|-------|
| 8-Port 10GE XFP IMM | |
| 8-Port 10GE XFP IMM, B | |
| 8-Port 40 Gig Ethernet QSFP+ (OS10K-QNI-U8E) | |
| 8-Port Fast Ethernet Metro(8 TX, 2 Dual TX/FX) | |
| 80g CPM / Switch Fabric 2 | |
| Amplifier and Associated Cards | |
| ATCA Blade | |
| ATCA Hub | |
| ATCA ShMC | |
| AUX | |
| Auxiliary Alarm | |
| Base Band | |
| Blade | |
| Board | |
| CFM-XP | |
| CFM-XP-B | |
| Control Board | |
| Controller | |
| CORE | |
| CORE-ENH | |
| CPM / Switch Fabric 4 E | |
| CPM 5 | |
| CPM A | |
| CPM X16 | |
| CPM X20 | |
| DCM Module | |
| DCM:Dispersion Comp. Card | |
| DSL Module | |
| EASv2 | |
| EC:Equipment Controller Card | |
| Eth Card-A | |
| Eth Card-B | |
| Fan Unit | |

Table 2-170 Assigned Card Type (continued)

| Name | Value |
|--|-------|
| Filter Card | |
| Generic Card | |
| Gig Ethernet SFP | |
| GPON Module | |
| HP Workstation | |
| HSMDA 1 x 10-Gig XFP, B | |
| HSMDA 10 x 1 Gig SFP | |
| i1 x GPS Rx | |
| i16 x Channelized DS1/E1 ASAP | |
| i16 x Channelized DS1/E1 ASAP v2 | |
| i2 x 10/100/Gig Ethernet SFP + 4 x 10/100/Gig Ethernet TX RJ45 | |
| i2 x Serial Data | |
| i3 x 10/100/1000 Copper Ethernet + 4 x 10/100/1000 Ethernet SFP | |
| i3 x Gig SFP + 1 x 10/100/1000 Copper SyncE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper PoE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper PoE+ SyncE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper SyncE | |
| i4 x 10/100/Gig Ethernet(2 SFP, 2 SFP/RJ45 Combo) + 4 x (PoE) 10/100/Gig Ethernet TX | |
| i4 x xDSL Ports | |
| i8 x 10/100/1000 Ethernet SFP v3 | |
| i8 x Channelized DS1/E1 ASAP | |
| i8 x MWA Gig Ethernet (100/1000 SFP, 10/100/1000 RJ45) + 4 x FE (10/100 RJ45) | |
| ICM 2 x 10-Gig Extended Performance XFP | |
| IMM 1 x 100GE CFP | |
| IMM 1 x 40GE Extended Performance CFP | |
| IMM 1 x 40GE OTU3 DWDM Tunable Optics | |
| IMM 1 x OC768 OTU3 DWDM Tunable Optics | |
| IMM 10 x 10/100/1000 SFP + 1 x 10GE SFP+ | |
| IMM 10 x 10/100/1000 Ethernet SFP | |
| IMM 10 x 10/100/1000 Ethernet SFP + 1 x 10G XFP | |
| IMM 11 x 10/100/1000 Ethernet SFP/ 22 x 10/100/1000 Ethernet CSFP | |
| IMM 12 x 10GE SF | |
| IMM 2 x 10G SFP+ | |

Table 2-170 Assigned Card Type (continued)

| Name | Value |
|--|-------|
| IMM 2 x 10G XFP | |
| IMM 2 x 10GE Extended Performance XFP | |
| IMM 24 x 10/100/1000 Ethernet Extended Performance SFP | |
| IMM 24 x 10/100/1000 Ethernet Extended Performance TX | |
| IMM 3 x 40GE Extended Performance QSFP | |
| IMM 4 x 100GE CFP4 | |
| IMM 4 x 100GE CXP | |
| IMM 4 x 10G SFP+ | |
| IMM 4 x 10GE Extended Performance XFP | |
| IMM 40 x 10GE SFP | |
| IMM 5 x 10GE Extended Performance XFP | |
| IMM P1 x 100GE CFP | |
| IMM P1 x 100GE OTU4 DWDM Tunable Optics | |
| IMM P10 x 10GE SFP | |
| IMM P20 x 1GE SFP | |
| IMM P3 x 40GE QSFP | |
| IMM P6 x 10GE SFP | |
| Integrated Services Card | |
| IOM (CPAA) | |
| IOM-XP | |
| IOM-XP-B | |
| ISA Application Assurance | |
| ISA Broadband Applications | |
| ISA IP Reassembly | |
| ISA IP Security | |
| ISA Mobile | |
| ISA Multi-Service | |
| ISA Multi-Service Export | |
| ISA TMS | |
| ISA Tunnel | |
| ISA Video | |
| ISA-2 IP Reassembly | |
| ISA-2 IP Security | |

Table 2-170 Assigned Card Type (continued)

| Name | Value |
|---|-------|
| ISA-2 Mobile | |
| ISA2 Application Assurance | |
| ISA2 Broadband Applications | |
| ISA2 Multi Service | |
| ISA2 Tunnel | |
| ISM Mobile | |
| ISM Mobile 2-PAC FP3 | |
| ISM Mobile B | |
| ITLB:Interleaver Card | |
| ITLU:Interleaver Card, Unidirectional | |
| m15-40g-qsfp | |
| m32-10g-sfp+16-40g-qsfp | |
| MCM-v1 | |
| MCM-XP | |
| MPre IOM | |
| MSH8-FSM:Mesh 8 Degree Fiber Shuffle Card | |
| MSS1 | |
| No Change | |
| No Daughter Card | |
| No MCM Card | |
| No Processor/Base Card | |
| NUAGE-1 VSC CPM | |
| Optical Client/Line Cards | |
| Optical Transponder Card | |
| OS10K-CFM | |
| OS10K-CMM | |
| OS9600-CMM | |
| OS9700-CMM | |
| OS9700E-CMM | |
| OS9800-CMM | |
| OS9800E-CMM | |
| p1 x GPS Rx | |
| PDN Gateway | |

Table 2-170 Assigned Card Type (continued)

| Name | Value |
|--|-------|
| PF:Power Filter Card | |
| Power Amplifier-A | |
| Power Amplifier-B | |
| Power Injector Card | |
| Power Supply-A | |
| Power Supply-B | |
| PSC 1x6 Splitter/Combiner | |
| PTP Card | |
| Receiver-A | |
| Receiver-B | |
| Relay Card | |
| SBBU Extension Card | |
| SBBU Interface Card | |
| SFAN | |
| SFM X16 | |
| SFM X16 B | |
| SFM X20 | |
| SFM X20 B | |
| SFM X20S B | |
| Sun Netra | |
| Sun Workstation | |
| TMN Card | |
| Transmitter-A | |
| Transmitter-B | |
| Unsupported Daughter Card | |
| Unsupported MCM Card | |
| Unsupported Processor/Base Card | |
| User Interface Panel | |
| VSM Cross Connect Adaptor | |
| VSM Cross Connect Adaptor Extended Performance | |
| Wavelength Router Card | |
| X4170 | |
| XCM X16 | |

Table 2-170 Assigned Card Type (continued)

| Name | Value |
|---------------------------------------|-------|
| XCM X16w | |
| XCM X20 | |
| XMDA 1p x 10GigE / 10p x 1GigE SFP | |
| XMDA 1p x 10GigE / 10p x 1GigE SFP v2 | |

Background Diagnostics Fault Reason

Table 2-171 Background Diagnostics Fault Reason

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Displayed name | Background Diagnostics Fault Reason |
| OSS name | backgroundDiagnosticsFaultReason |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Background Diagnostics State

Table 2-172 Background Diagnostics State

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:unknown |
| Displayed name | Background Diagnostics State |
| OSS name | backgroundDiagnosticsState |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | BackgroundDiagnosticsStateType |
| Enumerated types: | |
| Critical Fault Detected | |
| Fault Detected | |
| N/A | |
| Ok | |
| Unknown | |

Capability**Table 2-173 Capability**

| Name | Value |
|--------------------------|-------------------------|
| Default | yes:ess |
| Displayed name | Capability |
| OSS name | cardCapability |
| Read-only | no |
| Tab Panel | General Card Capability |
| Type | CardCapabilities |
| Enumerated types: | |
| | ess |
| | sr |

Card Mismatch**Table 2-174 Card Mismatch**

| Name | Value |
|----------------|-------------------------|
| Default | yes:false |
| Displayed name | Card Mismatch |
| OSS name | replaceableUnitMismatch |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

CLEI Code**Table 2-175 CLEI Code**

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General Equipment Location Codes |

Table 2-175 CLEI Code (continued)

| Name | Value |
|------|--------|
| Type | STRING |

Commands

Table 2-176 Commands

| Name | Value |
|--------------------------|--------------------------------------|
| Default | yes:noRequest |
| Displayed name | Commands |
| OSS name | protectionSwitchCommands |
| Read-only | no |
| Tab Panel | General Protection Scheme Parameters |
| Type | Commands |
| Enumerated types: | |
| Forced | |
| Lockout | |
| Manual | |
| None | |

Current Command

Table 2-177 Current Command

| Name | Value |
|--------------------------|--------------------------------------|
| Default | yes:noRequest |
| Displayed name | Current Command |
| OSS name | currentSwitchCommand |
| Read-only | yes |
| Tab Panel | General Protection Scheme Parameters |
| Type | Commands |
| Enumerated types: | |
| Forced | |
| Lockout | |
| Manual | |
| None | |

Equipped Card Sub Type

Table 2-178 Equipped Card Sub Type

| Name | Value |
|--------------------------|------------------------|
| Default | yes:unspecified |
| Displayed name | Equipped Card Sub Type |
| OSS name | equippedCardSubType |
| Read-only | no |
| Tab Panel | General General |
| Type | CardSubType |
| Enumerated types: | |
| 10AN10G | |
| 10ET10G | |
| 10OTH10G | |
| 112PDM11 | |
| 112SAIL | |
| 112SCA1-100GEth | |
| 112SCA1-OTU4 | |
| 112SCX10 | |
| 112SDX11 | |
| 112SNA1-100GEth | |
| 112SNA1-OTU4 | |
| 112SNX10 | |
| 112SX10L | |
| 11DPE12 | |
| 11DPE12A | |
| 11DPE12E | |
| 11DPM12 | |
| 11DPM4E | |
| 11DPM4M | |
| 11DPM8 | |
| 11OPE8 | |
| 11QCE12X | |
| 11QCUP | |
| 11QCUPC | |
| 11QPA4 | |

Table 2-178 Equipped Card Sub Type (continued)

| Name | Value |
|------------------|-------|
| 11QPE24 | |
| 11QPEN4 | |
| 11STAR1 | |
| 11STAR1A | |
| 11STGE12 | |
| 11STMM10 | |
| 130SCA1 | |
| 130SCUP | |
| 130SCUPB | |
| 130SCUPC | |
| 130SCX10 | |
| 130SNX10 | |
| 1AN100G | |
| 1DPP24M-Master | |
| 1DPP24M-Slave | |
| 24ANM | |
| 24ANMB | |
| 24ET1G | |
| 24ET1GB | |
| 260SCX2 | |
| 2AN40G | |
| 43SCA1-OTU3 | |
| 43SCA1-SONET/SDH | |
| 43SCGE1 | |
| 43SCUP | |
| 43SCX4 | |
| 43SCX4E | |
| 43STA1P | |
| 43STX4 | |
| 43STX4P | |
| 4AN10G | |
| 4DPA2 | |
| 4DPA4 DualTran | |

Table 2-178 Equipped Card Sub Type (continued)

| Name | Value |
|---------------|-------|
| 4DPA4 FlexMux | |
| 4QPA8 | |
| 8ET1GB | |
| A2325A | |
| A2P2125 | |
| A4PSWG | |
| AA2DONW | |
| AAR-8A | |
| AHPHG | |
| AHPLG | |
| ALPFGK | |
| ALPFGT | |
| ALPHG | |
| AM2017B | |
| AM2032A | |
| AM2125A | |
| AM2125B | |
| AM2318A | |
| AM2325B | |
| AM2625A | |
| ASWG | |
| BT36 | |
| BT3T8 | |
| BTC | |
| BTC3T8 | |
| CWR8 | |
| CWR8-88 | |
| DCM | |
| EC | |
| EHC | |
| Fan Unit | |
| FAN3T8 | |
| FLC | |

Table 2-178 Equipped Card Sub Type (continued)

| Name | Value |
|------------------------|-------|
| FLC36 | |
| FLC36EA | |
| FLC64 | |
| HKPCNTL | |
| HPCFAP | |
| ITLB | |
| ITLU | |
| MCS8-16 | |
| MESH4 | |
| MSH8-FSM | |
| MT0C | |
| MT1T9C | |
| MT3T8 | |
| MT960C | |
| MTC1T9 | |
| MVAC | |
| MVAC8B | |
| MXEC320H | |
| Occupied by other Card | |
| OPSA | |
| OPSB | |
| OSC | |
| OSCT | |
| OTDR | |
| PF | |
| PSC1-6 | |
| PSF3T8 | |
| PSFC | |
| PTPCTL | |
| PTPIO | |
| RA2P | |
| SFC1A | |
| SFC1B | |

Table 2-178 Equipped Card Sub Type (continued)

| Name | Value |
|--------|-------|
| SFC1C | |
| SFC1D | |
| SFC1E | |
| SFC1F | |
| SFC1G | |
| SFC1H | |
| SFC2A | |
| SFC2B | |
| SFC2C | |
| SFC2D | |
| SFC4A | |
| SFC4B | |
| SFC8 | |
| SFD40 | |
| SFD40B | |
| SFD44 | |
| SFD44B | |
| SFD4A | |
| SFD4B | |
| SFD4C | |
| SFD4D | |
| SFD4E | |
| SFD4F | |
| SFD4G | |
| SFD4H | |
| SFD5A | |
| SFD5B | |
| SFD5C | |
| SFD5D | |
| SFD5E | |
| SFD5F | |
| SFD5G | |
| SFD5H | |

Table 2-178 Equipped Card Sub Type (continued)

| Name | Value |
|----------------------|-------|
| SFD8A | |
| SFD8B | |
| SFD8C | |
| SFD8D | |
| SVAC | |
| User Interface Panel | |
| WR2-88 | |
| WR20-TF | |
| WR20-TFM | |
| WR8-88A | |
| WR8-88AF | |
| WTOCM | |
| WTOCM-F | |
| WTOCMA | |

Equipped Card Type

Table 2-179 Equipped Card Type

| Name | Value |
|---|--------------------|
| Default | yes:unassigned |
| Displayed name | Equipped Card Type |
| OSS name | equippedChildType |
| Read-only | yes |
| Tab Panel | General General |
| Type | CardType |
| Enumerated types: | |
| 1 Colour Optical Add/Drop Mux | |
| 1 Tb CPM / Switch Fabric 4 | |
| 1 Tb Switch Fabric 4 | |
| 1 Tb Switch Fabric 5 | |
| 1 x 10-Gig Ethernet | |
| 1 x 10-Gig Ethernet + 10 x 10/100/1000 Ethernet SFP | |
| 1 x 10-Gig Ethernet DWDM Tunable Optics | |

Table 2-179 Equipped Card Type (continued)

| Name | Value |
|--|-------|
| 1 x 10-Gig Ethernet XFP | |
| 1 x 10-Gig Extended Performance XFP | |
| 1 x 100-Gig Ethernet CFP2 | |
| 1 x 100GE CFP | |
| 1 x Channelized OC12 ASAP | |
| 1 x Channelized OC12 CES | |
| 1 x Channelized OC3 CES | |
| 1 x Channelized OC3 CES CMA | |
| 1 x Gig Ethernet SFP CMA | |
| 1 X Gig Ethernet XP SFP CMA | |
| 1 x OC12 Deep Channel | |
| 1 x OC192 | |
| 1 x Radio Modem | |
| 1 x STM (Channelized) | |
| 1-PAC FP3 IMM | |
| 1-Port 100GE CFP IMM | |
| 1-Port 40GE CFP IMM | |
| 1-Port 40GE OTU3 Long Reach DWDM Tunable IMM | |
| 1-Port OC768 OTU3 Long Reach DWDM Tunable IMM | |
| 10 x 1-Gig Ethernet SFP | |
| 10 x 1-Gig Extended Performance SFP | |
| 10 x 10-Gig Ethernet SFP+ | |
| 10 x 10/100/1000 Ethernet SFP | |
| 10 x 10GE XP SFP+ | |
| 10-Port Fast/Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port Gig Ethernet (8 FX, 2 TX) | |
| 10-Port Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port GIGE SFP + 1-Port 10GE SFP+ IMM | |
| 10-Port GIGE SFP + 1-Port 10GE XFP IMM | |
| 10-Port GIGE SFP IMM | |
| 10-Port PoE Fast/Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port PoE Gig Ethernet(8 TX, 2 Dual TX/FX) - S | |
| 10-Port PoE Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |

Table 2-179 Equipped Card Type (continued)

| Name | Value |
|--|-------|
| 100g CPM / Switch Fabric | |
| 11 x 1G SFP / 22 x 1G CSPF IMM | |
| 12 x 1-Gig Extended Performance SFP | |
| 12 x 10/100/1000 Ethernet SFP + 10 Copper + 4 x 10 GigE XFP | |
| 12 x 100/1000 SFP + 12 x 10/100/1000 Ethernet | |
| 12 x Channelized DS3/E3 ASAP | |
| 12 x DS3/E3 Deep Channel | |
| 12 x Fast Ethernet 100 FX | |
| 12 x Serial Data | |
| 12 x Serial Data v2 | |
| 12-Port 10 Gig Ethernet SFP+ (OS-XNI-U12) | |
| 12-Port 10 Gig Ethernet SFP+ (OS9-XNI-U12E) | |
| 12-Port 10GE SF IMM | |
| 120g CPM / Switch Fabric | |
| 120g Extended Performance CPM / Switch Fabric | |
| 14-Port Gig Ethernet (12 TX (4 PoE), 2 FX) | |
| 16 x ATM OC3 SFP | |
| 16 x ATM OC3 SFP B | |
| 16 x Channelized DS1/E1 ASAP | |
| 16 x Channelized DS1/E1 ASAP v2 | |
| 16 x E1 (ASAP) | |
| 16 x OC12/OC3 SFP | |
| 16 x OC12/OC3 SFP B | |
| 16 x OC3 SFP | |
| 16-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U16E) | |
| 2 Colour Optical Add/Drop Mux | |
| 2 PORT 100GE CFP C-XMA | |
| 2 Tb Switch Fabric 5 | |
| 2 x 10 GigE XFP | |
| 2 x 10-Gig Bridged Ethernet XFP + 1 x 2.5G Virtual Ethernet | |
| 2 x 10-Gig Bridged Ethernet XFP + 1 x 2.5G Virtual Ethernet Module | |
| 2 x 10-Gig Ethernet + 12 x 1-Gig Ethernet XP | |
| 2 x 10-Gig Ethernet XFP | |

Table 2-179 Equipped Card Type (continued)

| Name | Value |
|------|---|
| | 2 x 10-Gig Extended Performance XFP |
| | 2 x 10-Gig MDA IOM |
| | 2 x 10-Gig MDA IOM 2 |
| | 2 x 10-Gig MDA IOM Card, B |
| | 2 x 10-Gig MDA Oversubscribed IOM Card |
| | 2 x 10/100/1000 SFP + 1 x 10/100/1000 SFP/Ethernet Combo + 2 x 10/100/1000 Ethernet |
| | 2 x 10/40 Gig MDA IOM card |
| | 2 x 10GE SFP + 12 x 1GE SFP |
| | 2 x 10Gig Ethernet Extended Performance XFP WaveTracker |
| | 2 x 40 Gig MDA IOM card |
| | 2 x Channelized OC12 ASAP |
| | 2 x Channelized OC3/STM1 ASAP SFP |
| | 2 x DS3 |
| | 2 x Gig Ethernet 1000 FX |
| | 2 x OC12/OC3 CMA |
| | 2 x OC12/OC3 CMA B |
| | 2 x OC192 Extended Performance XFP |
| | 2 x OC48 SFP |
| | 2 x Serial Data + 2 x Channelized DS1/E1 |
| | 2 x STM |
| | 2 x XP MDA IOM 3 |
| | 2 x XP MDA IOM 3, B |
| | 2 x XP MDA IOM 3, C |
| | 2+2 x Ethernet (EAS) |
| | 2-PAC FP3 IMM |
| | 2-Port 10 Gig Ethernet XFP (OS9-XNI-U2) |
| | 2-Port 10 Gig Ethernet XFP (OS9-XNI-U2E) |
| | 2-Port 10GE SFP+ IMM |
| | 2-Port 10GE XFP IMM |
| | 2-PPAC FP3 IMM |
| | 2.4 Tb Switch Fabric 5 |
| | 20 PORT 10GE SFP + C-XMA |
| | 20 x 10/100/1000 Ethernet Extended Performance SFP |

Table 2-179 Equipped Card Type (continued)

| Name | Value |
|--|-------|
| 20 x 10/100/1000 Ethernet Extended Performance TX | |
| 20 x 10/100/1000 Ethernet SFP | |
| 20 x 10/100/1000 Ethernet Tx | |
| 20 x 100 Ethernet Fx | |
| 20-Port 10 Gig Ethernet (OS6900-T20) | |
| 20-Port 10 Gig Ethernet SFP+ (OS6900-X20) | |
| 200g CPM / Switch Fabric | |
| 200g CPM / Switch Fabric 2 | |
| 22-Port (8 TX, 12 FX, 2 GE) | |
| 22-Port Gig Ethernet (20 TX, 2 FX) (OS9-GNI-C20L) | |
| 24 x 10/100/1000 Ethernet SFP | |
| 24 x 10/100/1000 Ethernet SFP + 2 x 10 GigE XFP | |
| 24 x Fast Ethernet 10/100 FX | |
| 24 x Fast Ethernet 10/100 TX | |
| 24 x Gig Ethernet (20 FX, 4 Dual TX/FX) | |
| 24 x Gig Ethernet (20 TX, 4 Dual TX/FX) | |
| 24-Port (20 x Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 24-Port (20 x PoE Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 24-Port (8 TX, 12 FX, 4 GE) | |
| 24-Port Fast Ethernet Metro(24 TX, 2 Dual TX/FX) | |
| 24-Port Fast Ethernet SME(24 TX, 2 Dual TX/FX) | |
| 24-Port Fast Ethernet SME(24 TX, 2 Dual TX/FX) with DC Power Supply | |
| 24-Port Fast-Ethernet | |
| 24-Port Fast-Ethernet FX | |
| 24-Port Fast/Gig Ethernet(24 TX, 2 SFP) | |
| 24-Port Gig Ethernet (2 Dual TX/FX, 22 FX) | |
| 24-Port Gig Ethernet (2 Dual TX/FX, 22 FX) with Internal DC Power Supply | |
| 24-Port Gig Ethernet (20 TX (4 PoE), 4 Dual TX/FX) | |
| 24-Port Gig Ethernet (20 TX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port Gig Ethernet (22 FX, 2 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port Gig Ethernet (22 FX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port Gig Ethernet (22 FX, 2 TX/FX) | |

Table 2-179 Equipped Card Type (continued)

| Name | Value |
|--|-------|
| 24-Port Gig Ethernet (22 FX, 2 TX/FX, 2 FX/STK) | |
| 24-Port Gig Ethernet (4 Dual TX/FX, 20 TX) | |
| 24-Port Gig Ethernet FX (OS9-GNI-U24) | |
| 24-Port Gig Ethernet FX (OS9-GNI-U24E) | |
| 24-Port Gig Ethernet TX (OS9-GNI-C24) | |
| 24-Port Gig Ethernet TX (OS9-GNI-C24E) | |
| 24-Port Gig Ethernet(20 FX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) - E | |
| 24-Port Gig Ethernet(22 FX, 2 Dual TX/FX, 2 SFP) | |
| 24-Port Gig Ethernet(22 FX, 2 Dual TX/FX, 2 SFP) - S | |
| 24-Port Gig Ethernet(24 TX, 2 SFP) | |
| 24-Port PoE Fast/Gig Ethernet(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) - E | |
| 24-Port PoE Gig Ethernet SME(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet TX (OS9-GNI-P24) | |
| 24-Port PoE Gig Ethernet TX (OS9-GNI-P24E) | |
| 24-Port PoE Gig Ethernet(20 TX, 4 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet(4 Dual TX/FX, 20 TX) | |
| 250g CPM / Switch Fabric 3 | |
| 3-Port 40 Gig Ethernet QSFP+ (OS-QNI-U3) | |
| 3-Port 40GIGE QSFP IMM | |
| 32 x Channelized DS1/E1 ASAP v2 | |
| 32 x DS1 | |
| 32 x E1 | |
| 32-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U32E) | |
| 32-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U32S) | |
| 4 Colour Optical Add/Drop Mux | |
| 4 PORT 100GE CFP2 XMA | |

Table 2-179 Equipped Card Type (continued)

| Name | Value |
|---|-------|
| 4 PORT 100GE CXP XMA | |
| 4 x 10-Gig Extended Performance XFP | |
| 4 x 10/100 Ethernet TX | |
| 4 x 10/100/1000 1Gig SFP + 2 x 10Gig SFP+ + SyncE | |
| 4 x 10/100/1000 Ethernet Tx | |
| 4 x 10GE SFP+ | |
| 4 x ATM OC12/OC3 SFP | |
| 4 x ATM OC12/OC3 SFP B | |
| 4 x Channelized DS3/E3 ASAP | |
| 4 x Channelized OC3 ASAP | |
| 4 x Channelized OC3 CES | |
| 4 x Channelized OC3/OC12 ASAP SFP | |
| 4 x DS1/E1 CE | |
| 4 x DS3/E3 CMA | |
| 4 x DS3/E3 Deep Channel | |
| 4 x Gig Ethernet (2 TX, 2 FX) | |
| 4 x MDA IOM | |
| 4 X MWA Gig Ethernet (2 TX, 2 SFP) + 4 X Gig Ethernet SFP | |
| 4 x OC3 Deep Channel | |
| 4 x OC3/STM1 ASAP SFP | |
| 4 x OC48 SFP | |
| 4 x OC48 SFP B | |
| 4+4 x Ethernet (EAS) | |
| 4-Port 10 Gig Ethernet SFP+ (OS-XNI-U4) | |
| 4-Port 100GE CFP4 IMM | |
| 4-Port 100GE CXP IMM | |
| 4-Port 10GE SFP+ IMM | |
| 4-Port 10GE XFP IMM | |
| 4-Port 40 Gig Ethernet QSFP+ (OS10K-QNI-U4E) | |
| 40 PORT 10GE SFP+ XMA | |
| 40-Port 10 Gig Ethernet (OS6900-T40) | |
| 40-Port 10 Gig Ethernet SFP+ (OS6900-X40) | |
| 40-Port 10GE SFP+ IMM | |

Table 2-179 Equipped Card Type (continued)

| Name | Value |
|--|-------|
| 400g CPM / Switch Fabric | |
| 400g CPM / Switch Fabric 2 | |
| 44 x 1GE CSFP | |
| 48 x Fast Ethernet 10/100 TX | |
| 48 x Gig Ethernet Extended Performance TX | |
| 48-Port (44 x Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 48-Port (44 x PoE Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 48-Port Fast-Ethernet | |
| 48-Port Fast/Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port Gig Ethernet (4 Dual TX/FX, 44 TX) | |
| 48-Port Gig Ethernet (44 TX, 4 Dual TX/FX) | |
| 48-Port Gig Ethernet (46 TX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 48-Port Gig Ethernet + 2 x 10-GigE XFP | |
| 48-Port Gig Ethernet SFP (OS10K-GNI-U48E) | |
| 48-Port Gig Ethernet TX (OS10K-GNI-C48E) | |
| 48-Port Gig Ethernet TX (OS9-GNI-C48T) | |
| 48-Port Gig Ethernet(44 TX, 4 Dual TX/FX) - E | |
| 48-Port Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port GIGE SFP IMM | |
| 48-Port GIGE SFP IMM, B | |
| 48-Port GIGE SFP IMM, C | |
| 48-Port GIGE TX IMM | |
| 48-Port GIGE TX IMM, B | |
| 48-Port PoE Fast/Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port PoE Gig Ethernet (44 TX, 4 Dual TX/FX) - E | |
| 48-Port PoE Gig Ethernet (46 TX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 48-Port PoE Gig Ethernet + 2 x 10-GigE XFP | |
| 48-Port PoE Gig Ethernet(4 Dual TX/FX, 44 TX) | |
| 48-Port PoE Gig Ethernet(44 TX, 4 Dual TX/FX) | |
| 48-Port PoE Gig Ethernet(48 TX, 2 SFP) | |
| 5 x 1-Gig Ethernet SFP | |
| 5 x 10/100/1000 Ethernet SFP | |
| 5 X Gig Ethernet XP SFP CMA | |

Table 2-179 Equipped Card Type (continued)

| Name | Value |
|---|-------|
| 5-Port 10GE XFP IMM | |
| 500g CPM / Switch Fabric 3 | |
| 500g CPM / Switch Fabric 4 | |
| 6 PORT 40GE QSFP C-XMA | |
| 6 x 10/100 Ethernet + 2 x 10/100/1000 Ethernet SFP | |
| 6 x 10/100 Ethernet + 2 x 10/100/1000 Ethernet SFP v2 | |
| 6 x 100/1000 SFP + 4 x 10/100/1000 Ethernet | |
| 6 x 10GE SFP + 1 x 40GE QSFP+ | |
| 6 x EM | |
| 6 x FXS Interface | |
| 6-Port 10 Gig Ethernet XFP (OS9-XNI-U6) | |
| 6-Port Gig Ethernet (4 x 10 Gig SFP+, 2 x 40 Gig QSFP+) (OS-HNI-U6) | |
| 60 x 10/100 Ethernet | |
| 72 PORT 1GE SFP C-XMA | |
| 7210 CPM, Internal | |
| 7210 IOM | |
| 7705 1g CSM | |
| 7705 1g/10g CSM | |
| 7705 2.5g CSM | |
| 7705 IOM | |
| 7705 SAR-8 1g/10g CSM | |
| 7710 CFM | |
| 7710 IOM | |
| 7750-SRc4 CFM-C4-XP | |
| 7750-SRc4 IOM-C4-XP | |
| 7850 CPM DCOR | |
| 7850 CPM VSA | |
| 7850 CPM VSA-2 | |
| 7850 CPM VSG | |
| 8 Colour Optical Add/Drop Mux | |
| 8 x 10/100 Ethernet Tx CMA | |
| 8 x 10/100/1000 Ethernet SFP | |
| 8 x 10/100/1000 Ethernet SFP v2 | |

Table 2-179 Equipped Card Type (continued)

| Name | Value |
|--|-------|
| 8 x 10/100/1000 Ethernet SFP v3 | |
| 8 X ATM DS1/E1 CMA | |
| 8 x DS1/E1 Channel CMA | |
| 8 x Fast Ethernet 10/100 TX | |
| 8 x FXO Interface | |
| 8 x OC12/OC3 SFP | |
| 8 x OC3 SFP | |
| 8 x Voice Teleprotection Interface | |
| 8-Port 10 Gig Ethernet (OS-XNI-T8) | |
| 8-Port 10GE XFP IMM | |
| 8-Port 10GE XFP IMM, B | |
| 8-Port 40 Gig Ethernet QSFP+ (OS10K-QNI-U8E) | |
| 8-Port Fast Ethernet Metro(8 TX, 2 Dual TX/FX) | |
| 80g CPM / Switch Fabric 2 | |
| Amplifier and Associated Cards | |
| ATCA Blade | |
| ATCA Hub | |
| ATCA ShMC | |
| AUX | |
| Auxiliary Alarm | |
| Base Band | |
| Blade | |
| Board | |
| CFM-XP | |
| CFM-XP-B | |
| Control Board | |
| Controller | |
| CORE | |
| CORE-ENH | |
| CPM / Switch Fabric 4 E | |
| CPM 5 | |
| CPM A | |
| CPM X16 | |

Table 2-179 Equipped Card Type (continued)

| Name | Value |
|--|-------|
| CPM X20 | |
| DCM Module | |
| DCM:Dispersion Comp. Card | |
| DSL Module | |
| EASv2 | |
| EC:Equipment Controller Card | |
| Eth Card-A | |
| Eth Card-B | |
| Fan Unit | |
| Filter Card | |
| Generic Card | |
| Gig Ethernet SFP | |
| GPON Module | |
| HP Workstation | |
| HSMDA 1 x 10-Gig XFP, B | |
| HSMDA 10 x 1 Gig SFP | |
| i1 x GPS Rx | |
| i16 x Channelized DS1/E1 ASAP | |
| i16 x Channelized DS1/E1 ASAP v2 | |
| i2 x 10/100/Gig Ethernet SFP + 4 x 10/100/Gig Ethernet TX RJ45 | |
| i2 x Serial Data | |
| i3 x 10/100/1000 Copper Ethernet + 4 x 10/100/1000 Ethernet SFP | |
| i3 x Gig SFP + 1 x 10/100/1000 Copper SyncE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper PoE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper PoE+ SyncE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper SyncE | |
| i4 x 10/100/Gig Ethernet(2 SFP, 2 SFP/RJ45 Combo) + 4 x (PoE) 10/100/Gig Ethernet TX | |
| i4 x xDSL Ports | |
| i8 x 10/100/1000 Ethernet SFP v3 | |
| i8 x Channelized DS1/E1 ASAP | |
| i8 x MWA Gig Ethernet (100/1000 SFP, 10/100/1000 RJ45) + 4 x FE (10/100 RJ45) | |
| ICM 2 x 10-Gig Extended Performance XFP | |
| IMM 1 x 100GE CFP | |

Table 2-179 Equipped Card Type (continued)

| Name | Value |
|---|-------|
| IMM 1 x 40GE Extended Performance CFP | |
| IMM 1 x 40GE OTU3 DWDM Tunable Optics | |
| IMM 1 x OC768 OTU3 DWDM Tunable Optics | |
| IMM 10 x 10/100/1000 SFP + 1 x 10GE SFP+ | |
| IMM 10 x 10/100/1000 Ethernet SFP | |
| IMM 10 x 10/100/1000 Ethernet SFP + 1 x 10G XFP | |
| IMM 11 x 10/100/1000 Ethernet SPF/ 22 x 10/100/1000 Ethernet CSFP | |
| IMM 12 x 10GE SF | |
| IMM 2 x 10G SFP+ | |
| IMM 2 x 10G XFP | |
| IMM 2 x 10GE Extended Performance XFP | |
| IMM 24 x 10/100/1000 Ethernet Extended Performance SFP | |
| IMM 24 x 10/100/1000 Ethernet Extended Performance TX | |
| IMM 3 x 40GE Extended Performance QSFP | |
| IMM 4 x 100GE CFP4 | |
| IMM 4 x 100GE CXP | |
| IMM 4 x 10G SFP+ | |
| IMM 4 x 10GE Extended Performance XFP | |
| IMM 40 x 10GE SFP | |
| IMM 5 x 10GE Extended Performance XFP | |
| IMM P1 x 100GE CFP | |
| IMM P1 x 100GE OTU4 DWDM Tunable Optics | |
| IMM P10 x 10GE SFP | |
| IMM P20 x 1GE SFP | |
| IMM P3 x 40GE QSFP | |
| IMM P6 x 10GE SFP | |
| Integrated Services Card | |
| IOM (CPAA) | |
| IOM-XP | |
| IOM-XP-B | |
| ISA Application Assurance | |
| ISA Broadband Applications | |
| ISA IP Reassembly | |

Table 2-179 Equipped Card Type (continued)

| Name | Value |
|---|-------|
| ISA IP Security | |
| ISA Mobile | |
| ISA Multi-Service | |
| ISA Multi-Service Export | |
| ISA TMS | |
| ISA Tunnel | |
| ISA Video | |
| ISA-2 IP Reassembly | |
| ISA-2 IP Security | |
| ISA-2 Mobile | |
| ISA2 Application Assurance | |
| ISA2 Broadband Applications | |
| ISA2 Multi Service | |
| ISA2 Tunnel | |
| ISM Mobile | |
| ISM Mobile 2-PAC FP3 | |
| ISM Mobile B | |
| ITLB:Interleaver Card | |
| ITLU:Interleaver Card, Unidirectional | |
| m15-40g-qsf | |
| m32-10g-sfp+16-40g-qsf | |
| MCM-v1 | |
| MCM-XP | |
| MPre IOM | |
| MSH8-FSM:Mesh 8 Degree Fiber Shuffle Card | |
| MSS1 | |
| No Change | |
| No Daughter Card | |
| No MCM Card | |
| No Processor/Base Card | |
| NUAGE-1 VSC CPM | |
| Optical Client/Line Cards | |
| Optical Transponder Card | |

Table 2-179 Equipped Card Type (continued)

| Name | Value |
|---------------------------|-------|
| OS10K-CFM | |
| OS10K-CMM | |
| OS9600-CMM | |
| OS9700-CMM | |
| OS9700E-CMM | |
| OS9800-CMM | |
| OS9800E-CMM | |
| p1 x GPS Rx | |
| PDN Gateway | |
| PF:Power Filter Card | |
| Power Amplifier-A | |
| Power Amplifier-B | |
| Power Injector Card | |
| Power Supply-A | |
| Power Supply-B | |
| PSC 1x6 Splitter/Combiner | |
| PTP Card | |
| Receiver-A | |
| Receiver-B | |
| Relay Card | |
| SBBU Extension Card | |
| SBBU Interface Card | |
| SFAN | |
| SFM X16 | |
| SFM X16 B | |
| SFM X20 | |
| SFM X20 B | |
| SFM X20S B | |
| Sun Netra | |
| Sun Workstation | |
| TMN Card | |
| Transmitter-A | |
| Transmitter-B | |

Table 2-179 Equipped Card Type (continued)

| Name | Value |
|--|-------|
| Unsupported Daughter Card | |
| Unsupported MCM Card | |
| Unsupported Processor/Base Card | |
| User Interface Panel | |
| VSM Cross Connect Adaptor | |
| VSM Cross Connect Adaptor Extended Performance | |
| Wavelength Router Card | |
| X4170 | |
| XCM X16 | |
| XCM X16w | |
| XCM X20 | |
| XMDA 1p x 10GigE / 10p x 1GigE SFP | |
| XMDA 1p x 10GigE / 10p x 1GigE SFP v2 | |

Failure Reason**Table 2-180 Failure Reason**

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Failure Reason |
| Maximum | 252 |
| OSS name | hardwareFailureReason |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Firmware Revision Status**Table 2-181 Firmware Revision Status**

| Name | Value |
|----------------|--------------------------|
| Default | yes:notApplicable |
| Displayed name | Firmware Revision Status |
| OSS name | hwFirmwareRevisionStatus |

Table 2-181 Firmware Revision Status (continued)

| Name | Value |
|--------------------------|-------------------------------|
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | HwFirmwareRevisionStatusTypes |
| Enumerated types: | |
| Acceptable | |
| Not Acceptable | |
| Not Applicable | |
| Upgrade Pending | |
| Upgrading | |

Hardware Class**Table 2-182 Hardware Class**

| Name | Value |
|--------------------------|------------------------------|
| Default | no |
| Displayed name | Hardware Class |
| OSS name | hardwareClass |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | HardwareClassType |
| Enumerated types: | |
| External Alarm Input | |
| Fam | |
| N/A | |

Manufacture Date**Table 2-183 Manufacture Date**

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Manufacture Date |
| Maximum | 252 |
| OSS name | manufactureDate |

Table 2-183 Manufacture Date (continued)

| Name | Value |
|-------------|------------------------------|
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturer

Table 2-184 Manufacturer

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturer |
| Maximum | 252 |
| OSS name | manufacturer |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Assembly No

Table 2-185 Manufacturing Assembly No

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Assembly No |
| OSS name | manufacturingAssemblyNo |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Deviations

Table 2-186 Manufacturing Deviations

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Manufacturing Deviations |

Table 2-186 Manufacturing Deviations (continued)

| Name | Value |
|-------------|------------------------------|
| OSS name | manufacturingDeviations |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Variant**Table 2-187 Manufacturing Variant**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Variant |
| OSS name | manufacturingVariant |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Node Timing**Table 2-188 Node Timing**

| Name | Value |
|----------------|---------------------------------|
| Default | yes:none |
| Displayed name | Node Timing |
| OSS name | nodeTiming |
| Read-only | no |
| Tab Panel | General PDH Layer Configuration |
| Type | INT |

Operational State**Table 2-189 Operational State**

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |

Table 2-189 Operational State (continued)

| Name | Value |
|--------------------------|-------------------|
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | OperationalState |
| Enumerated types: | |
| Booting | |
| Degraded | |
| Diagnosing | |
| Disabled | |
| Down | |
| Downgrade | |
| Empty | |
| Enabled | |
| Failed | |
| In Service Downgrade | |
| In Service Upgrade | |
| Indeterminate | |
| Invalid Connection | |
| No Link | |
| Not Present | |
| Not Relevant | |
| Provisioned | |
| Reserved | |
| Reset Pending | |
| Shutting Down | |
| Soft Reset | |
| Testing | |
| Transition | |
| Unknown | |
| Unprovisioned | |
| Unsupported SFF | |
| Up | |
| Upgrade | |

Part Number**Table 2-190 Part Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Part Number |
| Maximum | 252 |
| OSS name | manufacturerBoardNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Protection Type**Table 2-191 Protection Type**

| Name | Value |
|--------------------------|-------------------------|
| Default | yes:noProtection |
| Displayed name | Protection Type |
| OSS name | cardProtectionType |
| Read-only | no |
| Tab Panel | General Protection Type |
| Type | CardProtType |
| Enumerated types: | |
| 1+1 EPS | |
| 1+1 FD | |
| 1+1 HSB | |
| No Protection | |

Restoration Criteria**Table 2-192 Restoration Criteria**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:true |
| Displayed name | Restoration Criteria |
| OSS name | protectionRestorationCriteria |
| Read-only | no |

Table 2-192 Restoration Criteria (continued)

| Name | Value |
|--------------------------|--------------------------------------|
| Tab Panel | General Protection Scheme Parameters |
| Type | RestorationType |
| Enumerated types: | |
| Not Revertive | |
| Revertive | |

Serial Number

Table 2-193 Serial Number

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Serial Number |
| Maximum | 252 |
| OSS name | serialNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Serving EPC Instance

Table 2-194 Serving EPC Instance

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The ISA-MG Group the Base Card in this Slot is servicing. Only applies in the context of a Serving or PDN Gateway. |
| Displayed name | Serving EPC Instance |
| OSS name | mgGroupAssociation |
| Read-only | yes |
| Tab Panel | General Mobile Gateway |
| Type | LONG |

Shelf ID**Table 2-195 Shelf ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Shelf ID |
| OSS name | shelfId |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Shutdown IOM/IMM for Memory Parity Errors**Table 2-196 Shutdown IOM/IMM for Memory Parity Errors**

| Name | Value |
|--------------------------|---|
| Default | yes:failOnErrorNotSet |
| Displayed name | Shutdown IOM/IMM for Memory Parity Errors |
| OSS name | failOnError |
| Read-only | no |
| Tab Panel | General Fail On Error |
| Type | FailOnError |
| Enumerated types: | |
| | Fail On Error |
| | failOnErrorNotSet |

Site ID**Table 2-197 Site ID**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site Name**Table 2-198 Site Name**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Slot**Table 2-199 Slot**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Slot |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Slot ID**Table 2-200 Slot ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Slot ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | slotId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Status**Table 2-201 Status**

| Name | Value |
|--------------------------|--------------------------------------|
| Default | yes:active |
| Displayed name | Status |
| OSS name | protectionSwitchStatus |
| Read-only | yes |
| Tab Panel | General Protection Scheme Parameters |
| Type | SwitchStatus |
| Enumerated types: | |
| Active | |
| Standby | |

Supported Card Types**Table 2-202 Supported Card Types**

| Name | Value |
|---|----------------------|
| Default | yes:unassigned |
| Displayed name | Supported Card Types |
| OSS name | supportedChildTypes |
| Read-only | yes |
| Tab Panel | General General |
| Type | CardType |
| Enumerated types: | |
| 1 Colour Optical Add/Drop Mux | |
| 1 Tb CPM / Switch Fabric 4 | |
| 1 Tb Switch Fabric 4 | |
| 1 Tb Switch Fabric 5 | |
| 1 x 10-Gig Ethernet | |
| 1 x 10-Gig Ethernet + 10 x 10/100/1000 Ethernet SFP | |
| 1 x 10-Gig Ethernet DWDM Tunable Optics | |
| 1 x 10-Gig Ethernet XFP | |
| 1 x 10-Gig Extended Performance XFP | |
| 1 x 100-Gig Ethernet CFP2 | |
| 1 x 100GE CFP | |

Table 2-202 Supported Card Types (continued)

| Name | Value |
|---|-------|
| 1 x Channelized OC12 ASAP | |
| 1 x Channelized OC12 CES | |
| 1 x Channelized OC3 CES | |
| 1 x Channelized OC3 CES CMA | |
| 1 x Gig Ethernet SFP CMA | |
| 1 X Gig Ethernet XP SFP CMA | |
| 1 x OC12 Deep Channel | |
| 1 x OC192 | |
| 1 x Radio Modem | |
| 1 x STM (Channelized) | |
| 1-PAC FP3 IMM | |
| 1-Port 100GE CFP IMM | |
| 1-Port 40GE CFP IMM | |
| 1-Port 40GE OTU3 Long Reach DWDM Tunable IMM | |
| 1-Port OC768 OTU3 Long Reach DWDM Tunable IMM | |
| 10 x 1-Gig Ethernet SFP | |
| 10 x 1-Gig Extended Performance SFP | |
| 10 x 10-Gig Ethernet SFP+ | |
| 10 x 10/100/1000 Ethernet SFP | |
| 10 x 10GE XP SFP+ | |
| 10-Port Fast/Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port Gig Ethernet (8 FX, 2 TX) | |
| 10-Port Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port GIGE SFP + 1-Port 10GE SFP+ IMM | |
| 10-Port GIGE SFP + 1-Port 10GE XFP IMM | |
| 10-Port GIGE SFP IMM | |
| 10-Port PoE Fast/Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port PoE Gig Ethernet(8 TX, 2 Dual TX/FX) - S | |
| 10-Port PoE Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 100g CPM / Switch Fabric | |
| 11 x 1G SFP / 22 x 1G CSPF IMM | |
| 12 x 1-Gig Extended Performance SFP | |
| 12 x 10/100/1000 Ethernet SFP + 10 Copper + 4 x 10 GigE XFP | |

Table 2-202 Supported Card Types (continued)

| Name | Value |
|--|-------|
| 12 x 100/1000 SFP + 12 x 10/100/1000 Ethernet | |
| 12 x Channelized DS3/E3 ASAP | |
| 12 x DS3/E3 Deep Channel | |
| 12 x Fast Ethernet 100 FX | |
| 12 x Serial Data | |
| 12 x Serial Data v2 | |
| 12-Port 10 Gig Ethernet SFP+ (OS-XNI-U12) | |
| 12-Port 10 Gig Ethernet SFP+ (OS9-XNI-U12E) | |
| 12-Port 10GE SF IMM | |
| 120g CPM / Switch Fabric | |
| 120g Extended Performance CPM / Switch Fabric | |
| 14-Port Gig Ethernet (12 TX (4 PoE), 2 FX) | |
| 16 x ATM OC3 SFP | |
| 16 x ATM OC3 SFP B | |
| 16 x Channelized DS1/E1 ASAP | |
| 16 x Channelized DS1/E1 ASAP v2 | |
| 16 x E1 (ASAP) | |
| 16 x OC12/OC3 SFP | |
| 16 x OC12/OC3 SFP B | |
| 16 x OC3 SFP | |
| 16-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U16E) | |
| 2 Colour Optical Add/Drop Mux | |
| 2 PORT 100GE CFP C-XMA | |
| 2 Tb Switch Fabric 5 | |
| 2 x 10 GigE XFP | |
| 2 x 10-Gig Bridged Ethernet XFP + 1 x 2.5G Virtual Ethernet | |
| 2 x 10-Gig Bridged Ethernet XFP + 1 x 2.5G Virtual Ethernet Module | |
| 2 x 10-Gig Ethernet + 12 x 1-Gig Ethernet XP | |
| 2 x 10-Gig Ethernet XFP | |
| 2 x 10-Gig Extended Performance XFP | |
| 2 x 10-Gig MDA IOM | |
| 2 x 10-Gig MDA IOM 2 | |
| 2 x 10-Gig MDA IOM Card, B | |

Table 2-202 Supported Card Types (continued)

| Name | Value |
|---|-------|
| 2 x 10-Gig MDA Oversubscribed IOM Card | |
| 2 x 10/100/1000 SFP + 1 x 10/100/1000 SFP/Ethernet Combo + 2 x 10/100/1000 Ethernet | |
| 2 x 10/40 Gig MDA IOM card | |
| 2 x 10GE SFP + 12 x 1GE SFP | |
| 2 x 10Gig Ethernet Extended Performance XFP WaveTracker | |
| 2 x 40 Gig MDA IOM card | |
| 2 x Channelized OC12 ASAP | |
| 2 x Channelized OC3/STM1 ASAP SFP | |
| 2 x DS3 | |
| 2 x Gig Ethernet 1000 FX | |
| 2 x OC12/OC3 CMA | |
| 2 x OC12/OC3 CMA B | |
| 2 x OC192 Extended Performance XFP | |
| 2 x OC48 SFP | |
| 2 x Serial Data + 2 x Channelized DS1/E1 | |
| 2 x STM | |
| 2 x XP MDA IOM 3 | |
| 2 x XP MDA IOM 3, B | |
| 2 x XP MDA IOM 3, C | |
| 2+2 x Ethernet (EAS) | |
| 2-PAC FP3 IMM | |
| 2-Port 10 Gig Ethernet XFP (OS9-XNI-U2) | |
| 2-Port 10 Gig Ethernet XFP (OS9-XNI-U2E) | |
| 2-Port 10GE SFP+ IMM | |
| 2-Port 10GE XFP IMM | |
| 2-PPAC FP3 IMM | |
| 2.4 Tb Switch Fabric 5 | |
| 20 PORT 10GE SFP + C-XMA | |
| 20 x 10/100/1000 Ethernet Extended Performance SFP | |
| 20 x 10/100/1000 Ethernet Extended Performance TX | |
| 20 x 10/100/1000 Ethernet SFP | |
| 20 x 10/100/1000 Ethernet Tx | |
| 20 x 100 Ethernet Fx | |

Table 2-202 Supported Card Types (continued)

| Name | Value |
|--|-------|
| 20-Port 10 Gig Ethernet (OS6900-T20) | |
| 20-Port 10 Gig Ethernet SFP+ (OS6900-X20) | |
| 200g CPM / Switch Fabric | |
| 200g CPM / Switch Fabric 2 | |
| 22-Port (8 TX, 12 FX, 2 GE) | |
| 22-Port Gig Ethernet (20 TX, 2 FX) (OS9-GNI-C20L) | |
| 24 x 10/100/1000 Ethernet SFP | |
| 24 x 10/100/1000 Ethernet SFP + 2 x 10 GigE XFP | |
| 24 x Fast Ethernet 10/100 FX | |
| 24 x Fast Ethernet 10/100 TX | |
| 24 x Gig Ethernet (20 FX, 4 Dual TX/FX) | |
| 24 x Gig Ethernet (20 TX, 4 Dual TX/FX) | |
| 24-Port (20 x Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 24-Port (20 x PoE Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 24-Port (8 TX, 12 FX, 4 GE) | |
| 24-Port Fast Ethernet Metro(24 TX, 2 Dual TX/FX) | |
| 24-Port Fast Ethernet SME(24 TX, 2 Dual TX/FX) | |
| 24-Port Fast Ethernet SME(24 TX, 2 Dual TX/FX) with DC Power Supply | |
| 24-Port Fast-Ethernet | |
| 24-Port Fast-Ethernet FX | |
| 24-Port Fast/Gig Ethernet(24 TX, 2 SFP) | |
| 24-Port Gig Ethernet (2 Dual TX/FX, 22 FX) | |
| 24-Port Gig Ethernet (2 Dual TX/FX, 22 FX) with Internal DC Power Supply | |
| 24-Port Gig Ethernet (20 TX (4 PoE), 4 Dual TX/FX) | |
| 24-Port Gig Ethernet (20 TX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port Gig Ethernet (22 FX, 2 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port Gig Ethernet (22 FX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port Gig Ethernet (22 FX, 2 TX/FX) | |
| 24-Port Gig Ethernet (22 FX, 2 TX/FX, 2 FX/STK) | |
| 24-Port Gig Ethernet (4 Dual TX/FX, 20 TX) | |
| 24-Port Gig Ethernet FX (OS9-GNI-U24) | |
| 24-Port Gig Ethernet FX (OS9-GNI-U24E) | |

Table 2-202 Supported Card Types (continued)

| Name | Value |
|--|-------|
| 24-Port Gig Ethernet TX (OS9-GNI-C24) | |
| 24-Port Gig Ethernet TX (OS9-GNI-C24E) | |
| 24-Port Gig Ethernet(20 FX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) - E | |
| 24-Port Gig Ethernet(22 FX, 2 Dual TX/FX, 2 SFP) | |
| 24-Port Gig Ethernet(22 FX, 2 Dual TX/FX, 2 SFP) - S | |
| 24-Port Gig Ethernet(24 TX, 2 SFP) | |
| 24-Port PoE Fast/Gig Ethernet(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) - E | |
| 24-Port PoE Gig Ethernet SME(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet TX (OS9-GNI-P24) | |
| 24-Port PoE Gig Ethernet TX (OS9-GNI-P24E) | |
| 24-Port PoE Gig Ethernet(20 TX, 4 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet(4 Dual TX/FX, 20 TX) | |
| 250g CPM / Switch Fabric 3 | |
| 3-Port 40 Gig Ethernet QSFP+ (OS-QNI-U3) | |
| 3-Port 40GIGE QSFP IMM | |
| 32 x Channelized DS1/E1 ASAP v2 | |
| 32 x DS1 | |
| 32 x E1 | |
| 32-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U32E) | |
| 32-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U32S) | |
| 4 Colour Optical Add/Drop Mux | |
| 4 PORT 100GE CFP2 XMA | |
| 4 PORT 100GE CXP XMA | |
| 4 x 10-Gig Extended Performance XFP | |
| 4 x 10/100 Ethernet TX | |
| 4 x 10/100/1000 1Gig SFP + 2 x 10Gig SFP+ + SyncE | |

Table 2-202 Supported Card Types (continued)

| Name | Value |
|---|-------|
| 4 x 10/100/1000 Ethernet Tx | |
| 4 x 10GE SFP+ | |
| 4 x ATM OC12/OC3 SFP | |
| 4 x ATM OC12/OC3 SFP B | |
| 4 x Channelized DS3/E3 ASAP | |
| 4 x Channelized OC3 ASAP | |
| 4 x Channelized OC3 CES | |
| 4 x Channelized OC3/OC12 ASAP SFP | |
| 4 x DS1/E1 CE | |
| 4 x DS3/E3 CMA | |
| 4 x DS3/E3 Deep Channel | |
| 4 x Gig Ethernet (2 TX, 2 FX) | |
| 4 x MDA IOM | |
| 4 X MWA Gig Ethernet (2 TX, 2 SFP) + 4 X Gig Ethernet SFP | |
| 4 x OC3 Deep Channel | |
| 4 x OC3/STM1 ASAP SFP | |
| 4 x OC48 SFP | |
| 4 x OC48 SFP B | |
| 4+4 x Ethernet (EAS) | |
| 4-Port 10 Gig Ethernet SFP+ (OS-XNI-U4) | |
| 4-Port 100GE CFP4 IMM | |
| 4-Port 100GE CXP IMM | |
| 4-Port 10GE SFP+ IMM | |
| 4-Port 10GE XFP IMM | |
| 4-Port 40 Gig Ethernet QSFP+ (OS10K-QNI-U4E) | |
| 40 PORT 10GE SFP+ XMA | |
| 40-Port 10 Gig Ethernet (OS6900-T40) | |
| 40-Port 10 Gig Ethernet SFP+ (OS6900-X40) | |
| 40-Port 10GE SFP+ IMM | |
| 400g CPM / Switch Fabric | |
| 400g CPM / Switch Fabric 2 | |
| 44 x 1GE CSFP | |
| 48 x Fast Ethernet 10/100 TX | |

Table 2-202 Supported Card Types (continued)

| Name | Value |
|--|-------|
| 48 x Gig Ethernet Extended Performance TX | |
| 48-Port (44 x Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 48-Port (44 x PoE Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 48-Port Fast-Ethernet | |
| 48-Port Fast/Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port Gig Ethernet (4 Dual TX/FX, 44 TX) | |
| 48-Port Gig Ethernet (44 TX, 4 Dual TX/FX) | |
| 48-Port Gig Ethernet (46 TX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 48-Port Gig Ethernet + 2 x 10-GigE XFP | |
| 48-Port Gig Ethernet SFP (OS10K-GNI-U48E) | |
| 48-Port Gig Ethernet TX (OS10K-GNI-C48E) | |
| 48-Port Gig Ethernet TX (OS9-GNI-C48T) | |
| 48-Port Gig Ethernet(44 TX, 4 Dual TX/FX) - E | |
| 48-Port Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port GIGE SFP IMM | |
| 48-Port GIGE SFP IMM, B | |
| 48-Port GIGE SFP IMM, C | |
| 48-Port GIGE TX IMM | |
| 48-Port GIGE TX IMM, B | |
| 48-Port PoE Fast/Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port PoE Gig Ethernet (44 TX, 4 Dual TX/FX) - E | |
| 48-Port PoE Gig Ethernet (46 TX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 48-Port PoE Gig Ethernet + 2 x 10-GigE XFP | |
| 48-Port PoE Gig Ethernet(4 Dual TX/FX, 44 TX) | |
| 48-Port PoE Gig Ethernet(44 TX, 4 Dual TX/FX) | |
| 48-Port PoE Gig Ethernet(48 TX, 2 SFP) | |
| 5 x 1-Gig Ethernet SFP | |
| 5 x 10/100/1000 Ethernet SFP | |
| 5 X Gig Ethernet XP SFP CMA | |
| 5-Port 10GE XFP IMM | |
| 500g CPM / Switch Fabric 3 | |
| 500g CPM / Switch Fabric 4 | |
| 6 PORT 40GE QSFP C-XMA | |

Table 2-202 Supported Card Types (continued)

| Name | Value |
|---|-------|
| 6 x 10/100 Ethernet + 2 x 10/100/1000 Ethernet SFP | |
| 6 x 10/100 Ethernet + 2 x 10/100/1000 Ethernet SFP v2 | |
| 6 x 100/1000 SFP + 4 x 10/100/1000 Ethernet | |
| 6 x 10GE SFP + 1 x 40GE QSFP+ | |
| 6 x EM | |
| 6 x FXS Interface | |
| 6-Port 10 Gig Ethernet XFP (OS9-XNI-U6) | |
| 6-Port Gig Ethernet (4 x 10 Gig SFP+, 2 x 40 Gig QSFP+) (OS-HNI-U6) | |
| 60 x 10/100 Ethernet | |
| 72 PORT 1GE SFP C-XMA | |
| 7210 CPM, Internal | |
| 7210 IOM | |
| 7705 1g CSM | |
| 7705 1g/10g CSM | |
| 7705 2.5g CSM | |
| 7705 IOM | |
| 7705 SAR-8 1g/10g CSM | |
| 7710 CFM | |
| 7710 IOM | |
| 7750-SRc4 CFM-C4-XP | |
| 7750-SRc4 IOM-C4-XP | |
| 7850 CPM DCOR | |
| 7850 CPM VSA | |
| 7850 CPM VSA-2 | |
| 7850 CPM VSG | |
| 8 Colour Optical Add/Drop Mux | |
| 8 x 10/100 Ethernet Tx CMA | |
| 8 x 10/100/1000 Ethernet SFP | |
| 8 x 10/100/1000 Ethernet SFP v2 | |
| 8 x 10/100/1000 Ethernet SFP v3 | |
| 8 X ATM DS1/E1 CMA | |
| 8 x DS1/E1 Channel CMA | |
| 8 x Fast Ethernet 10/100 TX | |

Table 2-202 Supported Card Types (continued)

| Name | Value |
|--|-------|
| 8 x FXO Interface | |
| 8 x OC12/OC3 SFP | |
| 8 x OC3 SFP | |
| 8 x Voice Teleprotection Interface | |
| 8-Port 10 Gig Ethernet (OS-XNI-T8) | |
| 8-Port 10GE XFP IMM | |
| 8-Port 10GE XFP IMM, B | |
| 8-Port 40 Gig Ethernet QSFP+ (OS10K-QNI-U8E) | |
| 8-Port Fast Ethernet Metro(8 TX, 2 Dual TX/FX) | |
| 80g CPM / Switch Fabric 2 | |
| Amplifier and Associated Cards | |
| ATCA Blade | |
| ATCA Hub | |
| ATCA ShMC | |
| AUX | |
| Auxiliary Alarm | |
| Base Band | |
| Blade | |
| Board | |
| CFM-XP | |
| CFM-XP-B | |
| Control Board | |
| Controller | |
| CORE | |
| CORE-ENH | |
| CPM / Switch Fabric 4 E | |
| CPM 5 | |
| CPM A | |
| CPM X16 | |
| CPM X20 | |
| DCM Module | |
| DCM:Dispersion Comp. Card | |
| DSL Module | |

Table 2-202 Supported Card Types (continued)

| Name | Value |
|--|-------|
| EASv2 | |
| EC:Equipment Controller Card | |
| Eth Card-A | |
| Eth Card-B | |
| Fan Unit | |
| Filter Card | |
| Generic Card | |
| Gig Ethernet SFP | |
| GPON Module | |
| HP Workstation | |
| HSMDA 1 x 10-Gig XFP, B | |
| HSMDA 10 x 1 Gig SFP | |
| i1 x GPS Rx | |
| i16 x Channelized DS1/E1 ASAP | |
| i16 x Channelized DS1/E1 ASAP v2 | |
| i2 x 10/100/Gig Ethernet SFP + 4 x 10/100/Gig Ethernet TX RJ45 | |
| i2 x Serial Data | |
| i3 x 10/100/1000 Copper Ethernet + 4 x 10/100/1000 Ethernet SFP | |
| i3 x Gig SFP + 1 x 10/100/1000 Copper SyncE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper PoE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper PoE+ SyncE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper SyncE | |
| i4 x 10/100/Gig Ethernet(2 SFP, 2 SFP/RJ45 Combo) + 4 x (PoE) 10/100/Gig Ethernet TX | |
| i4 x xDSL Ports | |
| i8 x 10/100/1000 Ethernet SFP v3 | |
| i8 x Channelized DS1/E1 ASAP | |
| i8 x MWA Gig Ethernet (100/1000 SFP, 10/100/1000 RJ45) + 4 x FE (10/100 RJ45) | |
| ICM 2 x 10-Gig Extended Performance XFP | |
| IMM 1 x 100GE CFP | |
| IMM 1 x 40GE Extended Performance CFP | |
| IMM 1 x 40GE OTU3 DWDM Tunable Optics | |
| IMM 1 x OC768 OTU3 DWDM Tunable Optics | |
| IMM 10 x 10/100/1000 SFP + 1 x 10GE SFP+ | |

Table 2-202 Supported Card Types (continued)

| Name | Value |
|---|-------|
| IMM 10 x 10/100/1000 Ethernet SFP | |
| IMM 10 x 10/100/1000 Ethernet SFP + 1 x 10G XFP | |
| IMM 11 x 10/100/1000 Ethernet SPF/ 22 x 10/100/1000 Ethernet CSFP | |
| IMM 12 x 10GE SF | |
| IMM 2 x 10G SFP+ | |
| IMM 2 x 10G XFP | |
| IMM 2 x 10GE Extended Performance XFP | |
| IMM 24 x 10/100/1000 Ethernet Extended Performance SFP | |
| IMM 24 x 10/100/1000 Ethernet Extended Performance TX | |
| IMM 3 x 40GE Extended Performance QSFP | |
| IMM 4 x 100GE CFP4 | |
| IMM 4 x 100GE CXP | |
| IMM 4 x 10G SFP+ | |
| IMM 4 x 10GE Extended Performance XFP | |
| IMM 40 x 10GE SFP | |
| IMM 5 x 10GE Extended Performance XFP | |
| IMM P1 x 100GE CFP | |
| IMM P1 x 100GE OTU4 DWDM Tunable Optics | |
| IMM P10 x 10GE SFP | |
| IMM P20 x 1GE SFP | |
| IMM P3 x 40GE QSFP | |
| IMM P6 x 10GE SFP | |
| Integrated Services Card | |
| IOM (CPAA) | |
| IOM-XP | |
| IOM-XP-B | |
| ISA Application Assurance | |
| ISA Broadband Applications | |
| ISA IP Reassembly | |
| ISA IP Security | |
| ISA Mobile | |
| ISA Multi-Service | |
| ISA Multi-Service Export | |

Table 2-202 Supported Card Types (continued)

| Name | Value |
|---|-------|
| ISA TMS | |
| ISA Tunnel | |
| ISA Video | |
| ISA-2 IP Reassembly | |
| ISA-2 IP Security | |
| ISA-2 Mobile | |
| ISA2 Application Assurance | |
| ISA2 Broadband Applications | |
| ISA2 Multi Service | |
| ISA2 Tunnel | |
| ISM Mobile | |
| ISM Mobile 2-PAC FP3 | |
| ISM Mobile B | |
| ITLB:Interleaver Card | |
| ITLU:Interleaver Card, Unidirectional | |
| m15-40g-qsf | |
| m32-10g-sfp+16-40g-qsf | |
| MCM-v1 | |
| MCM-XP | |
| MPre IOM | |
| MSH8-FSM:Mesh 8 Degree Fiber Shuffle Card | |
| MSS1 | |
| No Change | |
| No Daughter Card | |
| No MCM Card | |
| No Processor/Base Card | |
| NUAGE-1 VSC CPM | |
| Optical Client/Line Cards | |
| Optical Transponder Card | |
| OS10K-CFM | |
| OS10K-CMM | |
| OS9600-CMM | |
| OS9700-CMM | |

Table 2-202 Supported Card Types (continued)

| Name | Value |
|---------------------------------|-------|
| OS9700E-CMM | |
| OS9800-CMM | |
| OS9800E-CMM | |
| p1 x GPS Rx | |
| PDN Gateway | |
| PF:Power Filter Card | |
| Power Amplifier-A | |
| Power Amplifier-B | |
| Power Injector Card | |
| Power Supply-A | |
| Power Supply-B | |
| PSC 1x6 Splitter/Combiner | |
| PTP Card | |
| Receiver-A | |
| Receiver-B | |
| Relay Card | |
| SBBU Extension Card | |
| SBBU Interface Card | |
| SFAN | |
| SFM X16 | |
| SFM X16 B | |
| SFM X20 | |
| SFM X20 B | |
| SFM X20S B | |
| Sun Netra | |
| Sun Workstation | |
| TMN Card | |
| Transmitter-A | |
| Transmitter-B | |
| Unsupported Daughter Card | |
| Unsupported MCM Card | |
| Unsupported Processor/Base Card | |
| User Interface Panel | |

Table 2-202 Supported Card Types (continued)

| Name | Value |
|--|-------|
| VSM Cross Connect Adaptor | |
| VSM Cross Connect Adaptor Extended Performance | |
| Wavelength Router Card | |
| X4170 | |
| XCM X16 | |
| XCM X16w | |
| XCM X20 | |
| XMDA 1p x 10GigE / 10p x 1GigE SFP | |
| XMDA 1p x 10GigE / 10p x 1GigE SFP v2 | |

Unknown Status

Table 2-203 Unknown Status

| Name | Value |
|--------------------------|-----------------|
| Default | yes:true |
| Displayed name | Unknown Status |
| OSS name | unknownStatus |
| Read-only | yes |
| Tab Panel | General General |
| Type | UnknownStatus |
| Enumerated types: | |
| False | |
| True | |

Card Specifics parameters

ACO LED

Table 2-204 ACO LED

| Name | Value |
|----------------|---|
| Description | This property is just for display - built using acoLEDType/Color. |
| Displayed name | ACO LED |
| OSS name | acoLED |
| Read-only | no |
| Tab Panel | General States |
| Type | STRING |

Active Line Timing Reference

Table 2-205 Active Line Timing Reference

| Name | Value |
|--------------------------|-----------------------------------|
| Default | yes:none |
| Displayed name | Active Line Timing Reference |
| OSS name | syncEStationClockActiveRef |
| Read-only | no |
| Tab Panel | General SyncOut Settings |
| Type | SyncEStationClockActiveLineTiming |
| Enumerated types: | |
| LineRef 0 | |
| LineRef 1 | |
| LineRef 2 | |
| LineRef 3 | |
| None | |

Active Timing Reference

Table 2-206 Active Timing Reference

| Name | Value |
|-------------|---|
| Default | yes:none |
| Description | The ID of the association line reference. |

Table 2-206 Active Timing Reference (continued)

| Name | Value |
|--------------------------|-------------------------|
| Displayed name | Active Timing Reference |
| OSS name | activeTimingReference |
| Read-only | no |
| Tab Panel | General Sync0 Settings |
| Type | ActiveTimingReference |
| Enumerated types: | |
| Line Ref 0 | |
| Line Ref 1 | |
| Line Ref 2 | |
| Line Ref 3 | |
| Sync0/None | |

Actual Clock Source**Table 2-207 Actual Clock Source**

| Name | Value |
|--------------------------|----------------------|
| Default | yes:unknown |
| Displayed name | Actual Clock Source |
| OSS name | actualClkSrc |
| Read-only | no |
| Tab Panel | General Clock Switch |
| Type | WdmWtClk |
| Enumerated types: | |
| | |
| Auto | |
| PF Slot 1 | |
| PF Slot 11 | |
| PF Slot 19 | |
| PF Slot 36 | |

Actual Tilt**Table 2-208 Actual Tilt**

| Name | Value |
|----------------|--|
| Description | Applies to the output port of the amplifier module in the mesh card. |
| Displayed name | Actual Tilt |
| OSS name | meshCardActualTilt |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dB |

Add Path Output Power**Table 2-209 Add Path Output Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | For CWR Card. The desired output power for add services as they come out the WDM port. Current configurable range: -3500 to 1100. |
| Displayed name | Add Path Output Power |
| Maximum | 11 |
| Minimum | -35 |
| OSS name | wssCardAddPathEgressPower |
| Read-only | no |
| Tab Panel | General CWR/WR |
| Type | FLOAT |
| Units | dBm |

Add Path Target Power**Table 2-210 Add Path Target Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | For CWR Card. The desired power at the output of the amplet inside the WSS. Current configurable range: -1000 to 1000. |
| Displayed name | Add Path Target Power |

Table 2-210 Add Path Target Power (continued)

| Name | Value |
|-------------|---------------------------|
| Maximum | 10 |
| Minimum | -10 |
| OSS name | wssCardAddPathTargetPower |
| Read-only | no |
| Tab Panel | General CWR/WR |
| Type | FLOAT |
| Units | dBm |

AINS Mode**Table 2-211 AINS Mode**

| Name | Value |
|--------------------------|--|
| Description | I/O Card AINS Mode. Specifies the automatic in service (AINS) mode of the I/O card. Possible values are: {UL} {LI} AINS - Standing conditions cleared and suppressed as long as I/O card is unplugged. {LI} NOWAIT - Standing condition are raised and not suppressed even if the I/O card is unplugged. {/UL} |
| Displayed name | AINS Mode |
| OSS name | ainsMode |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | AinsMode |
| Enumerated types: | |
| AINS | |
| NOWAIT | |

Alarm Profile**Table 2-212 Alarm Profile**

| Name | Value |
|----------------|----------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | POINTER |

Amp Rating

Table 2-213 Amp Rating

| Name | Value |
|----------------|---|
| Description | For PF only. Applicable to the 1830 PSS-32. |
| Displayed name | Amp Rating |
| OSS name | pfAmpRating |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | FLOAT |
| Units | Amps |

Audible Alarm Cutoff

Table 2-214 Audible Alarm Cutoff

| Name | Value |
|--------------------------|---|
| Description | The color of the alarm cut off LED. Applicable for UserInterfacelPanel card only. |
| Displayed name | Audible Alarm Cutoff |
| OSS name | audibleAlarmCutoff |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | PerformCommand |
| Enumerated types: | |
| Execute | |
| Execute with Force | |
| No Cmd | |

Auto Provisioning

Table 2-215 Auto Provisioning

| Name | Value |
|----------------|---|
| Description | ON - Auto provisioning Allowed in that slot position. {BR} OFF - Auto provisioning Not-Allowed in that slot position. |
| Displayed name | Auto Provisioning |
| OSS name | autoProvisioning |
| Read-only | yes |

Table 2-215 Auto Provisioning (continued)

| Name | Value |
|--------------------------|--|
| Tab Panel | General Autoprovisioning Functionality |
| Type | AutoProvCapability |
| Enumerated types: | |
| | OFF |
| | ON |

Average Demux Loss**Table 2-216 Average Demux Loss**

| Name | Value |
|----------------|---------------------------------------|
| Description | Sfd Card AverageDeMux Insertion Loss. |
| Displayed name | Average Demux Loss |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sfdCardAvgDemuxInsertionLoss |
| Read-only | no |
| Tab Panel | General OMD Port Attributes |
| Type | STRING |
| Units | dB |

Average Insertion Loss**Table 2-217 Average Insertion Loss**

| Name | Value |
|----------------|---|
| Description | The measured insertion loss averaged over wavelength with no external attenuation added to the DCM. |
| Displayed name | Average Insertion Loss |
| OSS name | dcmCardAvgInsertionLoss |
| Read-only | no |
| Tab Panel | General DCM |
| Type | STRING |
| Units | dB |

Average Insertion Loss Pad

Table 2-218 Average Insertion Loss Pad

| Name | Value |
|----------------|--|
| Description | The measured insertion loss averaged over wavelength with external attenuation added to the DCM. |
| Displayed name | Average Insertion Loss Pad |
| OSS name | dcmCardAvgInsertionLossPad |
| Read-only | no |
| Tab Panel | General DCM |
| Type | STRING |
| Units | dB |

Average Mux Loss

Table 2-219 Average Mux Loss

| Name | Value |
|----------------|-------------------------------------|
| Description | Sfd Card AverageMux Insertion Loss. |
| Displayed name | Average Mux Loss |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sfdCardAvgMuxInsertionLoss |
| Read-only | no |
| Tab Panel | General OMD Port Attributes |
| Type | STRING |
| Units | dB |

Baseline Span Loss

Table 2-220 Baseline Span Loss

| Name | Value |
|----------------|---|
| Default | yes:-1 |
| Description | The optical intrusion baseline value, with -1 means no value has been set. Current configurable range: -1, 1 to 50. |
| Displayed name | Baseline Span Loss |
| Maximum | 50 |

Table 2-220 Baseline Span Loss (continued)

| Name | Value |
|-------------|-------------------------------------|
| Minimum | -1 |
| OSS name | ampCardOptIntBaseLine |
| Read-only | no |
| Tab Panel | General Optical Intrusion Detection |
| Type | FLOAT |
| Units | dB |

Capacity**Table 2-221 Capacity**

| Name | Value |
|--------------------------|--|
| Default | yes:unknownCapacity |
| Description | The capacity of the storage medium in the slot. Applicable only to EC. |
| Displayed name | Capacity |
| OSS name | cardCapacity |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | CardCapacity |
| Enumerated types: | |
| | 16G |
| | 32G |
| | 4G |
| | 64G |
| | 8G |
| | unknown |

Card Description**Table 2-222 Card Description**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes: |
| Description | Card Description. Deployed On the NE. |
| Displayed name | Card Description |

Table 2-222 Card Description (continued)

| Name | Value |
|-------------|----------------------|
| Maximum | 255 |
| OSS name | cardDesc |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | STRING |

Card Height

Table 2-223 Card Height

| Name | Value |
|--------------------------|---------------------------------|
| Description | Height of the provisioned card. |
| Displayed name | Card Height |
| OSS name | cardHeight |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | CardHeightType |
| Enumerated types: | |
| | Full |
| | Half |
| | Unknown |

Card Mode

Table 2-224 Card Mode

| Name | Value |
|--------------------------|---------------------------------------|
| Default | yes:unspecified |
| Description | The card function mode for all cards. |
| Displayed name | Card Mode |
| OSS name | cardFunctionMode |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | CardFunctionMode |
| Enumerated types: | |

Table 2-224 Card Mode (continued)

| Name | Value |
|-----------|-------|
| 100Gbe | |
| DualTran | |
| FlexMux | |
| Master | |
| OTU3 | |
| OTU4 | |
| Slave | |
| SONET/SDH | |

Card Name

Table 2-225 Card Name

| Name | Value |
|----------------|--------------------------------|
| Default | yes: |
| Description | Card Name. Deployed on the NE. |
| Displayed name | Card Name |
| Maximum | 31 |
| OSS name | cardName |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | STRING |

Card Rate Mode

Table 2-226 Card Rate Mode

| Name | Value |
|--------------------------|-----------------------------------|
| Description | The card rate mode for all cards. |
| Displayed name | Card Rate Mode |
| OSS name | cardRateMode |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | CardRateMode |
| Enumerated types: | |

Table 2-226 Card Rate Mode (continued)

| Name | Value |
|----------|-------|
| FullRate | |
| QinQ | |
| SubRate | |

Card Temperature

Table 2-227 Card Temperature

| Name | Value |
|----------------|--------------------------------------|
| Description | The current temperature of the card. |
| Displayed name | Card Temperature |
| OSS name | cardTemperature |
| Read-only | no |
| Tab Panel | General Temperature |
| Type | INT |
| Units | Celsius |

Card Width

Table 2-228 Card Width

| Name | Value |
|--------------------------|--------------------------------|
| Description | Width of the provisioned Card. |
| Displayed name | Card Width |
| OSS name | cardWidth |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | CardWidthType |
| Enumerated types: | |
| | Double |
| | Single |
| | Triple |
| | Unknown |

Clear Optical Intrusion Detected Alarm**Table 2-229 Clear Optical Intrusion Detected Alarm**

| Name | Value |
|----------------|--|
| Description | Clears optical intrusion alarm. |
| Displayed name | Clear Optical Intrusion Detected Alarm |
| OSS name | ampCardOptIntClearAlarm |
| Read-only | no |
| Tab Panel | General Optical Intrusion Detection |
| Type | BOOL |

CLEI**Table 2-230 CLEI**

| Name | Value |
|----------------|-------------------|
| Description | Card CLEI. |
| Displayed name | CLEI |
| OSS name | cardClei |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Clock Mode Status**Table 2-231 Clock Mode Status**

| Name | Value |
|--------------------------|------------------------------|
| Description | The Sync-E clock mode state. |
| Displayed name | Clock Mode Status |
| OSS name | eClkModStatus |
| Read-only | no |
| Tab Panel | General Sync0 Settings |
| Type | EClockMode |
| Enumerated types: | |
| Auto Free-Running | |
| Auto Holdover | |
| Forced Free-Running | |

Table 2-231 Clock Mode Status (continued)

| Name | Value |
|---------|-------|
| Locked | |
| Unknown | |

Company ID

Table 2-232 Company ID

| Name | Value |
|----------------|-------------------|
| Description | Card Company ID. |
| Displayed name | Company ID |
| OSS name | cardCompanyId |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Cross Card Service Enabled

Table 2-233 Cross Card Service Enabled

| Name | Value |
|--------------------------|---|
| Default | yes:enabled |
| Description | Indicates whether the cross card service is enabled or not. |
| Displayed name | Cross Card Service Enabled |
| OSS name | crossCardService |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | AluWdmEnabledDisabled |
| Enumerated types: | |
| Disabled | |
| Enabled | |

Date**Table 2-234 Date**

| Name | Value |
|----------------|-------------------|
| Description | Card Date. |
| Displayed name | Date |
| OSS name | cardDate |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Dispersion Fiber Length**Table 2-235 Dispersion Fiber Length**

| Name | Value |
|----------------|--|
| Description | The total length of dispersion fiber inside the DCM module, to the closest km. |
| Displayed name | Dispersion Fiber Length |
| OSS name | dcmCardDispFiberLength |
| Read-only | no |
| Tab Panel | General DCM |
| Type | STRING |
| Units | km |

Distance**Table 2-236 Distance**

| Name | Value |
|----------------|---|
| Description | The present compensation distance associated with this DCM card. Not applicable to the 1830 PSS-32. |
| Displayed name | Distance |
| Maximum | 140 |
| Minimum | 0 |
| OSS name | dcmCardDistance |
| Read-only | no |
| Step | 10 |
| Tab Panel | General DCM |

Table 2-236 Distance (continued)

| Name | Value |
|-------|-------|
| Type | INT |
| Units | km |

Extra Data**Table 2-237 Extra Data**

| Name | Value |
|----------------|-------------------|
| Description | Card Extra Info. |
| Displayed name | Extra Data |
| OSS name | cardExtraData |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Factory ID**Table 2-238 Factory ID**

| Name | Value |
|----------------|-------------------|
| Description | Card Factory ID. |
| Displayed name | Factory ID |
| OSS name | cardFactoryId |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Fan Speed**Table 2-239 Fan Speed**

| Name | Value |
|----------------|--------------------|
| Description | Fan Speed Control. |
| Displayed name | Fan Speed |
| OSS name | fanSpeed |
| Read-only | no |

Table 2-239 Fan Speed (continued)

| Name | Value |
|--------------------------|----------------------|
| Tab Panel | General Card Details |
| Type | FanSpeed |
| Enumerated types: | |
| Maximum | |
| Normal | |

Fiber Mode**Table 2-240 Fiber Mode**

| Name | Value |
|--------------------------|---------------------------|
| Description | Fiber mode for SFC Cards. |
| Displayed name | Fiber Mode |
| OSS name | sfcCardFiberMode |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | SfcCardFiberMode |
| Enumerated types: | |
| OneFiberMux | |
| TwoFiber | |

Fiber Type**Table 2-241 Fiber Type**

| Name | Value |
|----------------|--|
| Description | The type of fiber that the DCM is designed to dispersion-compensate. |
| Displayed name | Fiber Type |
| OSS name | dcmCardFiberType |
| Read-only | no |
| Tab Panel | General DCM |
| Type | STRING |

Firmware Upgrade Available**Table 2-242 Firmware Upgrade Available**

| Name | Value |
|----------------|---|
| Description | YES - An upgrade to the new version of the installed/running firmware package is recommended. {BR} NO - No new firmware package is available or can be evaluated. |
| Displayed name | Firmware Upgrade Available |
| OSS name | fwUpgradeable |
| Read-only | yes |
| Tab Panel | General Card Details |
| Type | optical.FWUpgradeable |

Flow Continuity Monitoring**Table 2-243 Flow Continuity Monitoring**

| Name | Value |
|--------------------------|---------------------------------------|
| Description | The flow control mode for 11DPE12A/E. |
| Displayed name | Flow Continuity Monitoring |
| OSS name | flowCm |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | FlowControlMode |
| Enumerated types: | |
| APS/PCC | |
| CCM | |
| CSF | |

Force Protection Switch**Table 2-244 Force Protection Switch**

| Name | Value |
|----------------|---|
| Default | yes:noCmd |
| Description | Perform an activity switch on this shelf. When read, this object returns noCmd. |
| Displayed name | Force Protection Switch |
| OSS name | shelfActivitySwitch |
| Read-only | no |

Table 2-244 Force Protection Switch (continued)

| Name | Value |
|--------------------------|---------------------------|
| Tab Panel | General Protection Switch |
| Type | PerformCommand |
| Enumerated types: | |
| Execute | |
| Execute with Force | |
| No Cmd | |

Gain**Table 2-245 Gain**

| Name | Value |
|----------------|--|
| Default | yes:7 |
| Description | Applies to the output port of amplifier module in the mesh card. |
| Displayed name | Gain |
| Maximum | 24 |
| Minimum | 7 |
| OSS name | meshCardPowerGain |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dB |

Gain Tilt**Table 2-246 Gain Tilt**

| Name | Value |
|----------------|---|
| Description | Current OA tilt setting for the output port of the amplifier module in the mesh card. |
| Displayed name | Gain Tilt |
| OSS name | meshCardGainTilt |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dB |

High Temperature Threshold**Table 2-247 High Temperature Threshold**

| Name | Value |
|----------------|--|
| Description | The high temperature threshold of the card. Current configurable range: 1830 PSS-32: -5 to 90 1830 PSS-1: -5 to 90 |
| Displayed name | High Temperature Threshold |
| Maximum | 90 |
| Minimum | -5 |
| OSS name | cardHighTemperatureThresh |
| Read-only | no |
| Tab Panel | General Temperature |
| Type | INT |
| Units | Celsius |

Impedance**Table 2-248 Impedance**

| Name | Value |
|--------------------------|---------------------------|
| Default | yes:seventyfive |
| Description | The card impedance level. |
| Displayed name | Impedance |
| OSS name | cardImpedence |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | ImpedenceType |
| Enumerated types: | |
| | 120 |
| | 75 |

Input Current 1**Table 2-249 Input Current 1**

| Name | Value |
|----------------|-----------------|
| Displayed name | Input Current 1 |
| OSS name | inputCurrent |

Table 2-249 Input Current 1 (continued)

| Name | Value |
|-------------|---------------------------------------|
| Read-only | no |
| Tab Panel | General Card Details Input Power Data |
| Type | FLOAT |
| Units | Amps |

Input Current 2

Table 2-250 Input Current 2

| Name | Value |
|----------------|---------------------------------------|
| Displayed name | Input Current 2 |
| OSS name | inputCurrent2 |
| Read-only | no |
| Tab Panel | General Card Details Input Power Data |
| Type | FLOAT |
| Units | Amps |

Input Current 3

Table 2-251 Input Current 3

| Name | Value |
|----------------|---------------------------------------|
| Displayed name | Input Current 3 |
| OSS name | inputCurrent3 |
| Read-only | no |
| Tab Panel | General Card Details Input Power Data |
| Type | FLOAT |
| Units | Amps |

Input Power 1

Table 2-252 Input Power 1

| Name | Value |
|----------------|---------------|
| Displayed name | Input Power 1 |
| OSS name | inputPower |

Table 2-252 Input Power 1 (continued)

| Name | Value |
|-------------|---------------------------------------|
| Read-only | no |
| Tab Panel | General Card Details Input Power Data |
| Type | FLOAT |
| Units | Watts |

Input Power 2**Table 2-253 Input Power 2**

| Name | Value |
|----------------|---------------------------------------|
| Displayed name | Input Power 2 |
| OSS name | inputPower2 |
| Read-only | no |
| Tab Panel | General Card Details Input Power Data |
| Type | FLOAT |
| Units | Watts |

Input Power 3**Table 2-254 Input Power 3**

| Name | Value |
|----------------|---------------------------------------|
| Displayed name | Input Power 3 |
| OSS name | inputPower3 |
| Read-only | no |
| Tab Panel | General Card Details Input Power Data |
| Type | FLOAT |
| Units | Watts |

Input to Output Gain**Table 2-255 Input to Output Gain**

| Name | Value |
|-------------|--|
| Default | yes:7.0 |
| Description | Applies to the output port of the amplifier module in the mesh card. |

Table 2-255 Input to Output Gain (continued)

| Name | Value |
|----------------|---------------------------|
| Displayed name | Input to Output Gain |
| OSS name | meshCardInputToOutputGain |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dB |

Input Voltage 1

Table 2-256 Input Voltage 1

| Name | Value |
|----------------|---------------------------------------|
| Displayed name | Input Voltage 1 |
| OSS name | inputVoltage |
| Read-only | no |
| Tab Panel | General Card Details Input Power Data |
| Type | FLOAT |
| Units | Volts |

Input Voltage 2

Table 2-257 Input Voltage 2

| Name | Value |
|----------------|---------------------------------------|
| Displayed name | Input Voltage 2 |
| OSS name | inputVoltage2 |
| Read-only | no |
| Tab Panel | General Card Details Input Power Data |
| Type | FLOAT |
| Units | Volts |

Input Voltage 3**Table 2-258 Input Voltage 3**

| Name | Value |
|----------------|---------------------------------------|
| Displayed name | Input Voltage 3 |
| OSS name | inputVoltage3 |
| Read-only | no |
| Tab Panel | General Card Details Input Power Data |
| Type | FLOAT |
| Units | Volts |

Insertion Loss Slope**Table 2-259 Insertion Loss Slope**

| Name | Value |
|----------------|---|
| Description | A linear least-squares fitted slope of the measured attenuation (positive or negative) over the wavelength range with no external attenuation added to the DCM. The slope is defined over the full wavelength range with a negative slope signifying a higher insertion loss at the lower wavelength. |
| Displayed name | Insertion Loss Slope |
| OSS name | dcmCardInsertionLossSlope |
| Read-only | no |
| Tab Panel | General DCM |
| Type | STRING |
| Units | dB |

Insertion Loss Slope Pad**Table 2-260 Insertion Loss Slope Pad**

| Name | Value |
|----------------|--|
| Description | A linear least-squares fitted slope of the measured attenuation (positive or negative) over the wavelength range with external attenuation added to the DCM. The slope is defined over the full wavelength range with a negative slope signifying a higher insertion loss at the lower wavelength. |
| Displayed name | Insertion Loss Slope Pad |
| OSS name | dcmCardInsertionLossSlopePad |
| Read-only | no |
| Tab Panel | General DCM |

Table 2-260 Insertion Loss Slope Pad (continued)

| Name | Value |
|-------|--------|
| Type | STRING |
| Units | dB |

Laser Temperature

Table 2-261 Laser Temperature

| Name | Value |
|----------------|--|
| Description | The temperature of the Laser. Applies to the output port of the amplifier module in the mesh card. |
| Displayed name | Laser Temperature |
| OSS name | meshCardInternalTemp |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | INT |
| Units | Celsius |

Level in Optical Node

Table 2-262 Level in Optical Node

| Name | Value |
|--------------------------|---|
| Default | yes:0 |
| Description | For C/WR Card. Level in Optical Node. Current configurable range: 0 to 3. |
| Displayed name | Level in Optical Node |
| OSS name | wssCardAdBlockLevelAdd |
| Read-only | no |
| Tab Panel | General CWR/WR |
| Type | CardLevel |
| Enumerated types: | |
| 0 | |
| 1 | |
| 2 | |
| 3 | |

Loopback Message Interval**Table 2-263 Loopback Message Interval**

| Name | Value |
|----------------|--|
| Default | yes:10 |
| Description | The interval between consequent Loopback messages. |
| Displayed name | Loopback Message Interval |
| Maximum | 100 |
| Minimum | 10 |
| OSS name | IBMInterval |
| Read-only | no |
| Tab Panel | General Ethernet Loopback |
| Type | INT |
| Units | x100ms |

Loopback Reply Timeout**Table 2-264 Loopback Reply Timeout**

| Name | Value |
|----------------|---------------------------|
| Default | yes:30 |
| Description | Loopback Reply Timeout. |
| Displayed name | Loopback Reply Timeout |
| Maximum | 30 |
| Minimum | 1 |
| OSS name | IBMRTIMEOUT |
| Read-only | no |
| Tab Panel | General Ethernet Loopback |
| Type | INT |
| Units | seconds |

Loss Threshold**Table 2-265 Loss Threshold**

| Name | Value |
|-------------|--|
| Default | yes:1.50 |
| Description | The optical intrusion loss threshold value. Current configurable range:1 to 5. |

Table 2-265 Loss Threshold (continued)

| Name | Value |
|----------------|-------------------------------------|
| Displayed name | Loss Threshold |
| Maximum | 5 |
| Minimum | 1 |
| OSS name | ampCardOptIntLossThreshold |
| Read-only | no |
| Tab Panel | General Optical Intrusion Detection |
| Type | FLOAT |
| Units | dB |

Low Temperature Threshold**Table 2-266 Low Temperature Threshold**

| Name | Value |
|----------------|---|
| Description | The low temperature threshold of the card. Current configurable range: 1830 PSS-32: -5 to 90 1830 PSS-1: -5 to 90 |
| Displayed name | Low Temperature Threshold |
| Maximum | 90 |
| Minimum | -45 |
| OSS name | cardLowTemperatureThresh |
| Read-only | no |
| Tab Panel | General Temperature |
| Type | INT |
| Units | Celsius |

Maximum Add Channel Count**Table 2-267 Maximum Add Channel Count**

| Name | Value |
|----------------|---|
| Description | For CWR Card.The maximum number of channels supported on the add path. Current configurable range: CWR8: 8 to 44. CWR8-88: WR2-88: 8 to 88. |
| Displayed name | Maximum Add Channel Count |
| Maximum | 88 |
| Minimum | 8 |
| OSS name | wssCardAddPathTotalChannel |

Table 2-267 Maximum Add Channel Count (continued)

| Name | Value |
|-------------|----------------|
| Read-only | no |
| Tab Panel | General CWR/WR |
| Type | INT |

Maximum Current**Table 2-268 Maximum Current**

| Name | Value |
|----------------|----------------------|
| Displayed name | Maximum Current |
| OSS name | cardMaxCurrent |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | FLOAT |
| Units | Amps |

Maximum Gain**Table 2-269 Maximum Gain**

| Name | Value |
|----------------|--|
| Default | yes:24 |
| Description | Applies to the output port of amplifier module in the mesh card. |
| Displayed name | Maximum Gain |
| Maximum | 24 |
| Minimum | 7 |
| OSS name | meshCardPowerGainMax |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dB |

Maximum Power**Table 2-270 Maximum Power**

| Name | Value |
|----------------|--|
| Description | P sub 0, P sub 50 and P sub 100 (percent utilization of transmission function) provided for ATIS TEER calculation. These measurements are to be made under the conditions provided in ATIS-0600015-2009: Temperature: 25 deg C +/- 3 deg C (77 deg F +/- 5 deg F) Humidity: Relative humidity between 30% and 75% Barometric Pressure: Between 1020 and 812 mbar. Current range: 0.00 to 1,000.00. |
| Displayed name | Maximum Power |
| OSS name | cardMaxPower |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | FLOAT |
| Units | Watts |

Minimum Gain**Table 2-271 Minimum Gain**

| Name | Value |
|----------------|--|
| Default | yes:7 |
| Description | Applies to the output port of amplifier module in the mesh card. |
| Displayed name | Minimum Gain |
| Maximum | 24 |
| Minimum | 7 |
| OSS name | meshCardPowerGainMin |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dB |

Mnemonic**Table 2-272 Mnemonic**

| Name | Value |
|----------------|----------------|
| Description | Card Mnemonic. |
| Displayed name | Mnemonic |

Table 2-272 Mnemonic (continued)

| Name | Value |
|-------------|-------------------|
| OSS name | cardMnemonic |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Monitoring Enabled**Table 2-273 Monitoring Enabled**

| Name | Value |
|----------------|--|
| Description | The status of the Optical Intrusion detection feature. |
| Displayed name | Monitoring Enabled |
| OSS name | ampCardOptIntDetection |
| Read-only | no |
| Tab Panel | General Optical Intrusion Detection |
| Type | BOOL |

Node Critical LED Color**Table 2-274 Node Critical LED Color**

| Name | Value |
|----------------|--|
| Description | This property is just for display - built using critical Status LED Color. |
| Displayed name | Node Critical LED Color |
| OSS name | criticalStatusLED |
| Read-only | no |
| Tab Panel | General States |
| Type | STRING |

Node Major LED Color**Table 2-275 Node Major LED Color**

| Name | Value |
|----------------|---|
| Description | This property is just for display - built using major Status LED Color. |
| Displayed name | Node Major LED Color |

Table 2-275 Node Major LED Color (continued)

| Name | Value |
|-------------|----------------|
| OSS name | majorStatusLED |
| Read-only | no |
| Tab Panel | General States |
| Type | STRING |

Node Minor LED Color

Table 2-276 Node Minor LED Color

| Name | Value |
|----------------|---|
| Description | This property is just for display - built using minor Status LED Color. |
| Displayed name | Node Minor LED Color |
| OSS name | minorStatusLED |
| Read-only | no |
| Tab Panel | General States |
| Type | STRING |

Node Warning LED Color

Table 2-277 Node Warning LED Color

| Name | Value |
|----------------|--|
| Description | This property is just for display - built using critical Status LED Color. |
| Displayed name | Node Warning LED Color |
| OSS name | warningStatusLED |
| Read-only | no |
| Tab Panel | General States |
| Type | STRING |

Operational Capability

Table 2-278 Operational Capability

| Name | Value |
|----------------|------------------------------------|
| Description | Shows Card Operational Capability. |
| Displayed name | Operational Capability |

Table 2-278 Operational Capability (continued)

| Name | Value |
|--------------------------|-----------------------|
| OSS name | operationalCapability |
| Read-only | no |
| Tab Panel | General States |
| Type | OperationalCapability |
| Enumerated types: | |
| Disabled | |
| Enabled | |
| Partially Enabled | |

Optical Interconnect Line Count

Table 2-279 Optical Interconnect Line Count

| Name | Value |
|----------------|--|
| Default | yes:2 |
| Description | For CWR Card. The reserved degree. Current configurable range: 1 to 8. |
| Displayed name | Optical Interconnect Line Count |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | wssCardReservedDegree |
| Read-only | no |
| Tab Panel | General CWR/WR |
| Type | INT |

Output Selection

Table 2-280 Output Selection

| Name | Value |
|--------------------------|----------------------------------|
| Displayed name | Output Selection |
| OSS name | syncEStationClockOutputSelection |
| Read-only | no |
| Tab Panel | General SyncOut Settings |
| Type | SyncEStationClockOutSel |
| Enumerated types: | |

Table 2-280 Output Selection (continued)

| Name | Value |
|------------------------|-------|
| Output Timing | |
| System Internal Timing | |

Output VOA Setting**Table 2-281 Output VOA Setting**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Applies to the output port of the amplifier module in the mesh card. |
| Displayed name | Output VOA Setting |
| Maximum | 18 |
| Minimum | 0 |
| OSS name | meshCardVoaSet |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dB |

Per-Channel Output Power**Table 2-282 Per-Channel Output Power**

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | Common Ingress Power. This is the per channel default ingress power. |
| Displayed name | Per-Channel Output Power |
| Maximum | 10 |
| Minimum | -10 |
| OSS name | meshCardCommonEgressPower |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dBm |

PF Slot 1 (Reference local)

Table 2-283 PF Slot 1 (Reference local)

| Name | Value |
|----------------|--|
| Displayed name | PF Slot 1 (Reference local) |
| OSS name | primaryPfSlot |
| Read-only | no |
| Tab Panel | General Clock Frequency Drift for shelf 16 |
| Type | STRING |

PF Slot 1 (Reference PF slot 11)

Table 2-284 PF Slot 1 (Reference PF slot 11)

| Name | Value |
|----------------|--|
| Displayed name | PF Slot 1 (Reference PF slot 11) |
| OSS name | pfSlotReference |
| Read-only | no |
| Tab Panel | General Clock Frequency Drift for shelf 16 |
| Type | STRING |

PF Slot 11 (Reference local)

Table 2-285 PF Slot 11 (Reference local)

| Name | Value |
|----------------|--|
| Displayed name | PF Slot 11 (Reference local) |
| OSS name | secondaryPfSlot |
| Read-only | no |
| Tab Panel | General Clock Frequency Drift for shelf 16 |
| Type | STRING |

PF Slot 19 (Reference local)

Table 2-286 PF Slot 19 (Reference local)

| Name | Value |
|----------------|------------------------------|
| Displayed name | PF Slot 19 (Reference local) |
| OSS name | primaryPfSlot |

Table 2-286 PF Slot 19 (Reference local) (continued)

| Name | Value |
|-------------|--|
| Read-only | no |
| Tab Panel | General Clock Frequency Drift for shelf 32 |
| Type | STRING |

PF Slot 19 (Reference PF slot 36)**Table 2-287 PF Slot 19 (Reference PF slot 36)**

| Name | Value |
|----------------|--|
| Displayed name | PF Slot 19 (Reference PF slot 36) |
| OSS name | pfSlotReference |
| Read-only | no |
| Tab Panel | General Clock Frequency Drift for shelf 32 |
| Type | STRING |

PF Slot 36 (Reference local)**Table 2-288 PF Slot 36 (Reference local)**

| Name | Value |
|----------------|--|
| Displayed name | PF Slot 36 (Reference local) |
| OSS name | secondaryPfSlot |
| Read-only | no |
| Tab Panel | General Clock Frequency Drift for shelf 32 |
| Type | STRING |

PMD**Table 2-289 PMD**

| Name | Value |
|----------------|--|
| Description | The value for Polarization mode dispersion (unit: ps). |
| Displayed name | PMD |
| OSS name | dcmCardPMD |
| Read-only | no |
| Tab Panel | General DCM |

Table 2-289 PMD (continued)

| Name | Value |
|-------|--------|
| Type | STRING |
| Units | ps |

Polling Period

Table 2-290 Polling Period

| Name | Value |
|----------------|--|
| Default | yes:30 |
| Description | The optical intrusion poll period. Current configurable range:20 to 120. |
| Displayed name | Polling Period |
| Maximum | 120 |
| Minimum | 20 |
| OSS name | ampCardOptIntPollPeriod |
| Read-only | no |
| Tab Panel | General Optical Intrusion Detection |
| Type | INT |
| Units | seconds |

Primary State

Table 2-291 Primary State

| Name | Value |
|--|------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | General States |
| Type | PrimaryStateType |
| Enumerated types: | |
| In Service | |
| In Service (Abnormal) | |
| In Service (Normal) | |
| Out Of Service (Autonomous and Management) | |

Table 2-291 Primary State (continued)

| Name | Value |
|-----------------------------|-------|
| Out Of Service (Autonomous) | |
| Out Of Service (Management) | |

Protection LED**Table 2-292 Protection LED**

| Name | Value |
|----------------|--|
| Description | This property is just for display - built using activityLEDType/Color. |
| Displayed name | Protection LED |
| OSS name | activityLED |
| Read-only | no |
| Tab Panel | General States |
| Type | STRING |

Protection LED Color**Table 2-293 Protection LED Color**

| Name | Value |
|----------------|-----------------------|
| Displayed name | Protection LED Color |
| OSS name | ptpProtectionLEDColor |
| Read-only | no |
| Tab Panel | General States |
| Type | STRING |

Protection Mode**Table 2-294 Protection Mode**

| Name | Value |
|----------------|--|
| Default | yes:unspecified |
| Description | The card protection mode for cards like OPSA/OPSB. |
| Displayed name | Protection Mode |
| OSS name | cardProtectionMode |
| Read-only | no |

Table 2-294 Protection Mode (continued)

| Name | Value |
|--------------------------|----------------------|
| Tab Panel | General Card Details |
| Type | CardProtectionMode |
| Enumerated types: | |
| OCHP | |
| OLP | |
| OMSP | |
| OTUP | |

Protection Setting

Table 2-295 Protection Setting

| Name | Value |
|--------------------------|---|
| Description | This attribute indicates whether control card is active or not. |
| Displayed name | Protection Setting |
| Maximum | 252 |
| OSS name | ecActivityState |
| Read-only | no |
| Tab Panel | General Protection Switch |
| Type | EcActivityState |
| Enumerated types: | |
| Active | |
| Inactive | |
| Unequipped | |
| Unknown | |

Provisioned Clock Source

Table 2-296 Provisioned Clock Source

| Name | Value |
|----------------|--------------------------|
| Default | yes:auto |
| Displayed name | Provisioned Clock Source |
| OSS name | provisionedClkSrc |
| Read-only | no |

Table 2-296 Provisioned Clock Source (continued)

| Name | Value |
|--------------------------|----------------------|
| Tab Panel | General Clock Switch |
| Type | WdmWtClk |
| Enumerated types: | |
| | |
| Auto | |
| PF Slot 1 | |
| PF Slot 11 | |
| PF Slot 19 | |
| PF Slot 36 | |

Provisioned Distance**Table 2-297 Provisioned Distance**

| Name | Value |
|----------------|--|
| Description | The programmed compensation distance associated with this DCM card. Current configurable range 1830: 10 to 240. Possible programmed values are 10, 20, 30,40, 50, 60, 70, 80, 90, 100, 110, 120, 130,140,160,180,200,220,240. A value of 0 indicates that the distance is not defined. |
| Displayed name | Provisioned Distance |
| Maximum | 240 |
| Minimum | 0 |
| OSS name | dcmCardProvDistance |
| Read-only | no |
| Step | 10 |
| Tab Panel | General DCM |
| Type | INT |
| Units | km |

Provisioned Fiber Type**Table 2-298 Provisioned Fiber Type**

| Name | Value |
|----------------|---|
| Description | The type of fiber that the DCM is provisioned to dispersion-compensate. |
| Displayed name | Provisioned Fiber Type |

Table 2-298 Provisioned Fiber Type (continued)

| Name | Value |
|--------------------------|----------------------|
| OSS name | dcmCardProvFiberType |
| Read-only | no |
| Tab Panel | General DCM |
| Type | FiberType |
| Enumerated types: | |
| ELEAF | |
| ELEAFB | |
| SSMF | |
| SSMFB | |
| TWRS | |

PTP LED Color**Table 2-299 PTP LED Color**

| Name | Value |
|----------------|----------------|
| Displayed name | PTP LED Color |
| OSS name | ptpLEDColor |
| Read-only | no |
| Tab Panel | General States |
| Type | STRING |

Pump1 Bias Current**Table 2-300 Pump1 Bias Current**

| Name | Value |
|----------------|---|
| Description | The Amplifier card parameter that specifies the existing bias current of the OA laser pump 1. |
| Displayed name | Pump1 Bias Current |
| OSS name | ampCardPump1Bias |
| Read-only | no |
| Tab Panel | General EDFA Attributes |
| Type | INT |
| Units | mA |

Pump1 Bias Current

Table 2-301 Pump1 Bias Current

| Name | Value |
|----------------|---|
| Description | The Amplifier card parameter that specifies the existing bias current of the OA laser pump 1. |
| Displayed name | Pump1 Bias Current |
| OSS name | ampCardPump1Bias |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | mA |

Pump1 Temperature

Table 2-302 Pump1 Temperature

| Name | Value |
|----------------|--|
| Description | The Amplifier card parameter that specifies the existing temperature of the OA laser Pump 1. |
| Displayed name | Pump1 Temperature |
| OSS name | ampCardPump1Temp |
| Read-only | no |
| Tab Panel | General EDFA Attributes |
| Type | INT |
| Units | Celsius |

Pump1 Temperature

Table 2-303 Pump1 Temperature

| Name | Value |
|----------------|--|
| Description | The Amplifier card parameter that specifies the existing temperature of the OA laser Pump 1. |
| Displayed name | Pump1 Temperature |
| OSS name | ampCardPump1Temp |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | Celsius |

Pump2 Bias Current

Table 2-304 Pump2 Bias Current

| Name | Value |
|----------------|---|
| Description | The Amplifier card parameter that specifies the existing bias current of the OA laser pump 2. |
| Displayed name | Pump2 Bias Current |
| OSS name | ampCardPump2Bias |
| Read-only | no |
| Tab Panel | General EDFA Attributes |
| Type | INT |
| Units | mA |

Pump2 Bias Current

Table 2-305 Pump2 Bias Current

| Name | Value |
|----------------|---|
| Description | The Amplifier card parameter that specifies the existing bias current of the OA laser pump 2. |
| Displayed name | Pump2 Bias Current |
| OSS name | ampCardPump2Bias |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | mA |

Pump2 Temperature

Table 2-306 Pump2 Temperature

| Name | Value |
|----------------|--|
| Description | The Amplifier card parameter that specifies the existing temperature of the OA laser Pump 2. |
| Displayed name | Pump2 Temperature |
| OSS name | ampCardPump2Temp |
| Read-only | no |
| Tab Panel | General EDFA Attributes |
| Type | INT |
| Units | Celsius |

Pump2 Temperature**Table 2-307 Pump2 Temperature**

| Name | Value |
|----------------|--|
| Description | The Amplifier card parameter that specifies the existing temperature of the OA laser Pump 2. |
| Displayed name | Pump2 Temperature |
| OSS name | ampCardPump2Temp |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | Celsius |

Pump3 Bias Current**Table 2-308 Pump3 Bias Current**

| Name | Value |
|----------------|---|
| Description | The Amplifier card parameter that specifies the existing bias current of the OA laser pump 3. |
| Displayed name | Pump3 Bias Current |
| OSS name | ampCardPump3Bias |
| Read-only | no |
| Tab Panel | General EDFA Attributes |
| Type | INT |
| Units | mA |

Pump3 Bias Current**Table 2-309 Pump3 Bias Current**

| Name | Value |
|----------------|---|
| Description | The Amplifier card parameter that specifies the existing bias current of the OA laser pump 3. |
| Displayed name | Pump3 Bias Current |
| OSS name | ampCardPump3Bias |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | mA |

Pump3 Temperature

Table 2-310 Pump3 Temperature

| Name | Value |
|----------------|--|
| Description | The Amplifier card parameter that specifies the existing temperature of the OA laser Pump 3. |
| Displayed name | Pump3 Temperature |
| OSS name | ampCardPump3Temp |
| Read-only | no |
| Tab Panel | General EDFA Attributes |
| Type | INT |
| Units | Celsius |

Pump3 Temperature

Table 2-311 Pump3 Temperature

| Name | Value |
|----------------|--|
| Description | The Amplifier card parameter that specifies the existing temperature of the OA laser Pump 3. |
| Displayed name | Pump3 Temperature |
| OSS name | ampCardPump3Temp |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | Celsius |

Pump4 Bias Current

Table 2-312 Pump4 Bias Current

| Name | Value |
|----------------|---|
| Description | The Amplifier card parameter that specifies the existing bias current of the OA laser pump 4. |
| Displayed name | Pump4 Bias Current |
| OSS name | ampCardPump4Bias |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | mA |

Pump4 Temperature**Table 2-313 Pump4 Temperature**

| Name | Value |
|----------------|--|
| Description | The Amplifier card parameter that specifies the existing temperature of the OA laser Pump 4. |
| Displayed name | Pump4 Temperature |
| OSS name | ampCardPump4Temp |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | Celsius |

Pump5 Bias Current**Table 2-314 Pump5 Bias Current**

| Name | Value |
|----------------|---|
| Description | The Amplifier card parameter that specifies the existing bias current of the OA laser pump 5. |
| Displayed name | Pump5 Bias Current |
| OSS name | ampCardPump5Bias |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | mA |

Pump5 Temperature**Table 2-315 Pump5 Temperature**

| Name | Value |
|----------------|--|
| Description | The Amplifier card parameter that specifies the existing temperature of the OA laser Pump 5. |
| Displayed name | Pump5 Temperature |
| OSS name | ampCardPump5Temp |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | Celsius |

Pump6 Bias current

Table 2-316 Pump6 Bias current

| Name | Value |
|----------------|---|
| Description | The Amplifier card parameter that specifies the existing bias current of the OA laser pump 6. |
| Displayed name | Pump6 Bias current |
| OSS name | ampCardPump6Bias |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | mA |

Pump6 Temperature

Table 2-317 Pump6 Temperature

| Name | Value |
|----------------|--|
| Description | The Amplifier card parameter that specifies the existing temperature of the OA laser Pump 6. |
| Displayed name | Pump6 Temperature |
| OSS name | ampCardPump6Temp |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | Celsius |

Quality Level Threshold

Table 2-318 Quality Level Threshold

| Name | Value |
|--------------------------|-----------------------------------|
| Displayed name | Quality Level Threshold |
| OSS name | syncEStationClockQLThreshold |
| Read-only | no |
| Tab Panel | General SyncOut Settings |
| Type | SyncEStationQualityLevelThreshold |
| Enumerated types: | |
| | DNU |
| | DUS |

Table 2-318 Quality Level Threshold (continued)

| Name | Value |
|-------|-------|
| PRC | |
| PRS | |
| SEC | |
| SSU_A | |
| SSU_B | |
| ST2 | |
| ST3 | |
| ST3E | |
| STU | |

Raman Pump1 Bias Current

Table 2-319 Raman Pump1 Bias Current

| Name | Value |
|----------------|--|
| Description | The current bias of the OA Laser Pump 1. |
| Displayed name | Raman Pump1 Bias Current |
| OSS name | hybridCardPump1Bias |
| Read-only | no |
| Tab Panel | General Raman Attributes |
| Type | INT |
| Units | mA |

Raman Pump1 Temperature

Table 2-320 Raman Pump1 Temperature

| Name | Value |
|----------------|---|
| Description | The current temperature of the OA Laser Pump 1. |
| Displayed name | Raman Pump1 Temperature |
| OSS name | hybridCardPump1Temp |
| Read-only | no |
| Tab Panel | General Raman Attributes |
| Type | INT |
| Units | Celsius |

Raman Pump2 Bias Current

Table 2-321 Raman Pump2 Bias Current

| Name | Value |
|----------------|--|
| Description | The current bias of the OA Laser Pump 2. |
| Displayed name | Raman Pump2 Bias Current |
| OSS name | hybridCardPump2Bias |
| Read-only | no |
| Tab Panel | General Raman Attributes |
| Type | INT |
| Units | mA |

Raman Pump2 Temperature

Table 2-322 Raman Pump2 Temperature

| Name | Value |
|----------------|---|
| Description | The current temperature of the OA Laser Pump 2. |
| Displayed name | Raman Pump2 Temperature |
| OSS name | hybridCardPump2Temp |
| Read-only | no |
| Tab Panel | General Raman Attributes |
| Type | INT |
| Units | Celsius |

Raman Pump3 Bias Current

Table 2-323 Raman Pump3 Bias Current

| Name | Value |
|----------------|--|
| Description | The current bias of the OA Laser Pump 3. |
| Displayed name | Raman Pump3 Bias Current |
| OSS name | hybridCardPump3Bias |
| Read-only | no |
| Tab Panel | General Raman Attributes |
| Type | INT |
| Units | mA |

Raman Pump3 Temperature

Table 2-324 Raman Pump3 Temperature

| Name | Value |
|----------------|---|
| Description | The current temperature of the OA Laser Pump 3. |
| Displayed name | Raman Pump3 Temperature |
| OSS name | hybridCardPump3Temp |
| Read-only | no |
| Tab Panel | General Raman Attributes |
| Type | INT |
| Units | Celsius |

Raman Pump4 Bias Current

Table 2-325 Raman Pump4 Bias Current

| Name | Value |
|----------------|--|
| Description | The current bias of the OA Laser Pump 4. |
| Displayed name | Raman Pump4 Bias Current |
| OSS name | hybridCardPump4Bias |
| Read-only | no |
| Tab Panel | General Raman Attributes |
| Type | INT |
| Units | mA |

Raman Pump4 Temperature

Table 2-326 Raman Pump4 Temperature

| Name | Value |
|----------------|---|
| Description | The current temperature of the OA Laser Pump 4. |
| Displayed name | Raman Pump4 Temperature |
| OSS name | hybridCardPump4Temp |
| Read-only | no |
| Tab Panel | General Raman Attributes |
| Type | INT |
| Units | Celsius |

Secondary State

Table 2-327 Secondary State

| Name | Value |
|---|--------------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | General States |
| Type | SecondaryStateType |
| Enumerated types: | |
| Active | |
| Automatic In-Service | |
| Busy | |
| Clock Not Aligned | |
| Control Plane | |
| Control Plane and Management Plane | |
| Control Plane and Management Plane Enhanced | |
| Disabled | |
| Facility Failure | |
| Fault | |
| Loopback | |
| Maintenance | |
| Management Plane | |
| Manual Delete | |
| Mismatch of Equipment and Attributes | |
| Not Implemented in Hardware | |
| Performance Monitoring Disabled | |
| Protection Switching Inhibited | |
| Software Download | |
| Standby Cold | |
| Standby Hot | |
| Standby Switched | |
| Supported Entity Service Exists | |
| Supporting Entity Outage | |
| Terminated | |

Table 2-327 Secondary State (continued)

| Name | Value |
|------------|-------|
| Unassigned | |
| Unequipped | |
| Working | |

Serial Number**Table 2-328 Serial Number**

| Name | Value |
|----------------|---------------------|
| Description | Card Serial Number. |
| Displayed name | Serial Number |
| OSS name | cardSerialNum |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Signal Output Power**Table 2-329 Signal Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total input power plus the programmed gain. Applies to the output port of the amplifier module in the mesh card. |
| Displayed name | Signal Output Power |
| OSS name | meshCardSignalPowerOut |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dBm |

Size**Table 2-330 Size**

| Name | Value |
|----------------|--|
| Description | The length of TRANSMISSION fiber that the DCM is designed to compensate (unit:km). |
| Displayed name | Size |
| OSS name | dcmCardSize |
| Read-only | no |
| Tab Panel | General DCM |
| Type | STRING |
| Units | km |

Software Load**Table 2-331 Software Load**

| Name | Value |
|----------------|----------------------------------|
| Description | Card Software Generic Load Name. |
| Displayed name | Software Load |
| OSS name | cardSoftwareLoad |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | STRING |

Software Part Number**Table 2-332 Software Part Number**

| Name | Value |
|----------------|----------------------|
| Description | tnCardSWPartNum. |
| Displayed name | Software Part Number |
| OSS name | cardSoftwarePartNum |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Span Loss**Table 2-333 Span Loss**

| Name | Value |
|----------------|--|
| Default | yes:99 |
| Description | For Amplifier cards. The span loss value. Current range:0 to 99. |
| Displayed name | Span Loss |
| Maximum | 99 |
| Minimum | 0 |
| OSS name | ampCardOptIntSpanLoss |
| Read-only | no |
| Tab Panel | General Optical Intrusion Detection |
| Type | FLOAT |
| Units | dB |

SSBit**Table 2-334 SSBIt**

| Name | Value |
|--------------------------|---|
| Description | The SS-Bit SONET/SDH overhead transmit value. |
| Displayed name | SSBit |
| OSS name | ssBitTransmit |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | SSBit |
| Enumerated types: | |
| | SS00 |
| | SS10 |

Standby Controller Ready to Protect**Table 2-335 Standby Controller Ready to Protect**

| Name | Value |
|----------------|---|
| Description | Is Shelf's Standby EC Ready to Protect. |
| Displayed name | Standby Controller Ready to Protect |
| OSS name | mateCCReadyToProtect |

Table 2-335 Standby Controller Ready to Protect (continued)

| Name | Value |
|-------------|---------------------------|
| Read-only | no |
| Tab Panel | General Protection Switch |
| Type | BOOL |

State Qualifier

Table 2-336 State Qualifier

| Name | Value |
|--------------------------|-----------------------|
| Description | Card State Qualifier. |
| Displayed name | State Qualifier |
| OSS name | stateQualifier |
| Read-only | no |
| Tab Panel | General States |
| Type | StateQualifier |
| Enumerated types: | |
| AINS | |
| FAF | |
| FLT | |
| LOCKED | |
| MEA | |
| MT | |
| PORT RX FAULT | |
| PORT TX FAULT | |
| SDEE | |
| SGEO | |
| UAS | |
| UEQ | |

Status LED Color

Table 2-337 Status LED Color

| Name | Value |
|-------------|---|
| Description | This property is just for display - built using LED status Color. |

Table 2-337 Status LED Color (continued)

| Name | Value |
|----------------|------------------|
| Displayed name | Status LED Color |
| OSS name | statusLED |
| Read-only | no |
| Tab Panel | General States |
| Type | STRING |

SVLAN Tag Protocol ID1**Table 2-338 SVLAN Tag Protocol ID1**

| Name | Value |
|----------------|-------------------------------------|
| Description | SVLANTagProtocolID1 for 11DPE12A/E. |
| Displayed name | SVLAN Tag Protocol ID1 |
| OSS name | sVLANTagProtocolID1 |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | STRING |
| Units | Hex: 0001-FFFF |

SVLAN Tag Protocol ID2**Table 2-339 SVLAN Tag Protocol ID2**

| Name | Value |
|----------------|-------------------------------------|
| Description | SVLANTagProtocolID2 for 11DPE12A/E. |
| Displayed name | SVLAN Tag Protocol ID2 |
| OSS name | sVLANTagProtocolID2 |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | STRING |
| Units | Hex: 0001-FFFF |

SVLAN Tag Protocol ID3

Table 2-340 SVLAN Tag Protocol ID3

| Name | Value |
|----------------|-------------------------------------|
| Description | SVLANTagProtocolID3 for 11DPE12A/E. |
| Displayed name | SVLAN Tag Protocol ID3 |
| OSS name | sSVLANTagProtocolID3 |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | STRING |
| Units | Hex: 0001-FFFF |

SVLAN Tag Protocol ID4

Table 2-341 SVLAN Tag Protocol ID4

| Name | Value |
|----------------|-------------------------------------|
| Description | SVLANTagProtocolID3 for 11DPE12A/E. |
| Displayed name | SVLAN Tag Protocol ID4 |
| OSS name | sSVLANTagProtocolID4 |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | STRING |
| Units | Hex: 0001-FFFF |

Switch Request

Table 2-342 Switch Request

| Name | Value |
|--------------------------|--|
| Description | [switchRequest] 0 means sync0, 1 means lineref1, 2 means lineref2, 3 means lineref3, 4 means lineref4. |
| Displayed name | Switch Request |
| OSS name | switchRequest |
| Read-only | no |
| Tab Panel | General Sync0 Settings |
| Type | SwitchRequestTypes |
| Enumerated types: | |

Table 2-342 Switch Request (continued)

| Name | Value |
|-----------------|-------|
| Automatic | |
| Clear | |
| Clear Clock | |
| Clear Lockout | |
| Clear Reference | |
| Forced Switch | |
| Internal Switch | |
| Lockout | |
| Manual Switch | |
| No Request | |

Switch Request

Table 2-343 Switch Request

| Name | Value |
|--------------------------|---------------------------|
| Displayed name | Switch Request |
| OSS name | syncEStationSwitchRequest |
| Read-only | no |
| Tab Panel | General SyncOut Settings |
| Type | SwitchRequestTypes |
| Enumerated types: | |
| Automatic | |
| Clear | |
| Clear Clock | |
| Clear Lockout | |
| Clear Reference | |
| Forced Switch | |
| Internal Switch | |
| Lockout | |
| Manual Switch | |
| No Request | |

Switch To Timing Reference

Table 2-344 Switch To Timing Reference

| Name | Value |
|--------------------------|--|
| Description | 1 means nocmd, 2 means clear, 3 means lockout, 4 means forceswitch, 5 means manual. 6 means auto 7 means clearlockout. |
| Displayed name | Switch To Timing Reference |
| OSS name | switchToTimingReference |
| Read-only | no |
| Tab Panel | General Sync0 Settings |
| Type | SwitchLineReference |
| Enumerated types: | |
| External Line Ref 0 | |
| External Line Ref 1 | |
| Line Ref 0 | |
| Line Ref 1 | |
| Line Ref 2 | |
| Line Ref 3 | |
| Line Ref 4 | |
| Line Ref 5 | |
| Sync0/Internal | |

Switch To Timing Reference

Table 2-345 Switch To Timing Reference

| Name | Value |
|--------------------------|-------------------------------------|
| Displayed name | Switch To Timing Reference |
| OSS name | syncEStationSwitchToTimingReference |
| Read-only | no |
| Tab Panel | General SyncOut Settings |
| Type | SwitchLineReference |
| Enumerated types: | |
| External Line Ref 0 | |
| External Line Ref 1 | |
| Line Ref 0 | |
| Line Ref 1 | |

Table 2-345 Switch To Timing Reference (continued)

| Name | Value |
|----------------|-------|
| Line Ref 2 | |
| Line Ref 3 | |
| Line Ref 4 | |
| Line Ref 5 | |
| Sync0/Internal | |

Switch Type

Table 2-346 Switch Type

| Name | Value |
|--------------------------|---|
| Default | yes:nonrevertive |
| Description | The system timing WTR for Elan Cards, known as Switch Type. Possible values are Revertive (0) or Non-Revertive(999999). |
| Displayed name | Switch Type |
| OSS name | switchType |
| Read-only | no |
| Tab Panel | General Sync0 Settings |
| Type | SyncESwitchTypes |
| Enumerated types: | |
| Non-revertive | |
| Revertive | |

Sync Status Messaging

Table 2-347 Sync Status Messaging

| Name | Value |
|--------------------------|--------------------------|
| Default | yes:disable |
| Displayed name | Sync Status Messaging |
| OSS name | syncEStationClockSyncMsg |
| Read-only | no |
| Tab Panel | General SyncOut Settings |
| Type | EnableDisable |
| Enumerated types: | |

Table 2-347 Sync Status Messaging (continued)

| Name | Value |
|---------|-------|
| Disable | |
| Enable | |

Sync Status Messaging

Table 2-348 Sync Status Messaging

| Name | Value |
|--------------------------|---------------------------------|
| Description | If it supports Sync-E messages. |
| Displayed name | Sync Status Messaging |
| OSS name | syncStatusMessaging |
| Read-only | no |
| Tab Panel | General Sync0 Settings |
| Type | EnableDisable |
| Enumerated types: | |
| Disable | |
| Enable | |

SyncE Support

Table 2-349 SyncE Support

| Name | Value |
|--------------------------|---|
| Default | yes:disable |
| Description | The Synchronous Ethernet is supported/not supported for the pack. |
| Displayed name | SyncE Support |
| OSS name | syncESupport |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | EnableDisable |
| Enumerated types: | |
| Disable | |
| Enable | |

System Quality Level

Table 2-350 System Quality Level

| Name | Value |
|--------------------------|--|
| Default | yes:unspecified |
| Description | The value of the system quality level (SSM). |
| Displayed name | System Quality Level |
| OSS name | syncESystemQL |
| Read-only | no |
| Tab Panel | General Sync0 Settings |
| Type | SystemQualityLevel |
| Enumerated types: | |
| Auto | |
| DNU | |
| DUS | |
| EEC Option 1 | |
| Not Applicable | |
| PNO | |
| PRC | |
| PRS | |
| Quality Unknown | |
| SEC | |
| SMC | |
| SSUL | |
| SSUT | |
| SSU_A | |
| SSU_B | |
| ST2 | |
| ST3 | |
| ST3E | |
| ST4 | |
| STU | |
| TNC | |
| unspecified | |
| Unstable | |

Tag Protocol ID**Table 2-351 Tag Protocol ID**

| Name | Value |
|----------------|--|
| Description | The Q in Q Mode TPID for 11DPGE12. Current configurable range: 0x00 to 0xFFFF. |
| Displayed name | Tag Protocol ID |
| OSS name | dpge12QINQModeTPID |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | STRING |
| Units | Hex: 0001-FFFF |

Target Tilt**Table 2-352 Target Tilt**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Current OA tilt setting for the output port of the amplifier module in the mesh card. |
| Displayed name | Target Tilt |
| Maximum | 4 |
| Minimum | -4 |
| OSS name | meshCardTargetTilt |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dB |

Temperature Tolerance**Table 2-353 Temperature Tolerance**

| Name | Value |
|----------------|--|
| Description | The temperature tolerance of the card, applied to the card's high and low temperature thresholds. Current configurable range: 0 to 10. |
| Displayed name | Temperature Tolerance |
| Maximum | 10 |
| Minimum | 0 |

Table 2-353 Temperature Tolerance (continued)

| Name | Value |
|-------------|--------------------------|
| OSS name | cardTemperatureTolerance |
| Read-only | no |
| Tab Panel | General Temperature |
| Type | INT |
| Units | Celsius |

Total Dispersion Fit**Table 2-354 Total Dispersion Fit**

| Name | Value |
|----------------|---|
| Description | Coefficients A, B, C and D of a 3rd Order polynomial fit of Chromatic dispersion vs. wavelength from 1528 to 1565nm in 0.4-2.0nm steps such that TotalDispersion = $A*(l-1546)^3 + B*(l-1546)^2 + C*(l-1546) + D$. |
| Displayed name | Total Dispersion Fit |
| OSS name | dcmCardTotalDispTilt |
| Read-only | no |
| Tab Panel | General DCM |
| Type | STRING |

Total Input Power**Table 2-355 Total Input Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total input power. Applies to the input port of the amplifier module in the mesh card. |
| Displayed name | Total Input Power |
| OSS name | meshCardPowerIn |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dBm |

Total Output Power**Table 2-356 Total Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total output power. Applies to the output port of the amplifier module in the mesh card. |
| Displayed name | Total Output Power |
| OSS name | meshCardPowerOut |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dBm |

Unit Part Number**Table 2-357 Unit Part Number**

| Name | Value |
|----------------|---------------------------------|
| Description | Card Manufacturing Part Number. |
| Displayed name | Unit Part Number |
| OSS name | cardManufacturingPartNum |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Wait To Restore**Table 2-358 Wait To Restore**

| Name | Value |
|----------------|--|
| Default | yes:5 |
| Description | The system timing WTR. Possible values are {0-12}. |
| Displayed name | Wait To Restore |
| Maximum | 12 |
| Minimum | 0 |
| OSS name | waitToRestore |
| Read-only | no |
| Tab Panel | General Sync0 Settings |

Table 2-358 Wait To Restore (continued)

| Name | Value |
|-------|---------|
| Type | LONG |
| Units | minutes |

Color parameters

ASON Domain ID

Table 2-359 ASON Domain ID

| Name | Value |
|----------------|-----------------|
| Default | yes:1 |
| Description | ASON domain ID. |
| Displayed name | ASON Domain ID |
| OSS name | domainId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Color ID

Table 2-360 Color ID

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Color ID |
| Mandatory on creation | yes |
| Maximum | 28 |
| Minimum | 1 |
| OSS name | colorId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Description**Table 2-361 Description**

| Name | Value |
|----------------|-----------------|
| Displayed name | Description |
| Maximum | 30 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Control Plane Node parameters

Active Network Version**Table 2-362 Active Network Version**

| Name | Value |
|----------------|--|
| Description | Current active SW Release number in m.n.p, with m = major release, n = sub release. Eg: "6.0.0". A change is possible at max to the Installed NWVersion. All GMPLS Nodes in the network must support this release. The ActiveNetworkVersion is the protocol version of the GMRE that is currently running. The InstalledNetworkVersion is the protocol version the GMRE can be upgraded to. If they are identical no upgrade is possible. This property is R/W in CORBA i/f. |
| Displayed name | Active Network Version |
| OSS name | activeNwVersion |
| Read-only | no |
| Tab Panel | General GMRE Software |
| Type | STRING |

Administrative State**Table 2-363 Administrative State**

| Name | Value |
|----------------|------------------------------------|
| Description | Possible values: unlocked, locked. |
| Displayed name | Administrative State |
| OSS name | cpNeAdministrativeState |
| Read-only | no |

Table 2-363 Administrative State (continued)

| Name | Value |
|--------------------------|-----------------------------|
| Tab Panel | General States |
| Type | CPNEAdministrativeStateType |
| Enumerated types: | |
| Locked | |
| Unlocked | |

ASON Domain ID**Table 2-364 ASON Domain ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:1 |
| Description | ASON domain ID. |
| Displayed name | ASON Domain ID |
| OSS name | domainId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

CP Node ID**Table 2-365 CP Node ID**

| Name | Value |
|-----------------------|-----------------|
| Displayed name | CP Node ID |
| Mandatory on creation | yes |
| OSS name | cpNodeId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

EMS Version**Table 2-366 EMS Version**

| Name | Value |
|----------------|-----------------|
| Displayed name | EMS Version |
| OSS name | emsVersion |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

GMRE Name**Table 2-367 GMRE Name**

| Name | Value |
|----------------|--|
| Description | The GMRE name is limited to 64 characters. |
| Displayed name | GMRE Name |
| OSS name | userLabel |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

GMRE NE Type**Table 2-368 GMRE NE Type**

| Name | Value |
|----------------|-----------------|
| Description | Type of CP NE. |
| Displayed name | GMRE NE Type |
| OSS name | cpNodeType |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Installed Network Version**Table 2-369 Installed Network Version**

| Name | Value |
|----------------|--|
| Description | Current installed SW Release number in m.n.p, with m = major release, n = sub release. Eg: "6.0.0". The ActiveNetworkVersion is the protocol version of the GMRE that is currently running. The InstalledNetworkVersion is the protocol version the GMRE can be upgraded to. If they are identical no upgrade is possible. |
| Displayed name | Installed Network Version |
| OSS name | installedNwVersion |
| Read-only | no |
| Tab Panel | General GMRE Software |
| Type | STRING |

Last Restart Time**Table 2-370 Last Restart Time**

| Name | Value |
|----------------|---|
| Description | restartTime is updated whenever the GMRE CORBA interface (i.e. the GMRE_CN process) is restarted. |
| Displayed name | Last Restart Time |
| OSS name | restartTime |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Last SC Update Time**Table 2-371 Last SC Update Time**

| Name | Value |
|----------------|---------------------|
| Displayed name | Last SC Update Time |
| OSS name | scModificationDate |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

List of Neighbors**Table 2-372 List of Neighbors**

| Name | Value |
|----------------|-----------------------|
| Description | List of GMRE LSR IDs. |
| Displayed name | List of Neighbors |
| OSS name | neighborList |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Manual Mode**Table 2-373 Manual Mode**

| Name | Value |
|--------------------------|---|
| Description | Values: On, Off. The Manual mode can be set via the EMSMaintenanceMgr_I only. |
| Displayed name | Manual Mode |
| OSS name | manualMode |
| Read-only | no |
| Tab Panel | General General |
| Type | ManualModeType |
| Enumerated types: | |
| | Off |
| | On |

Migration State**Table 2-374 Migration State**

| Name | Value |
|--------------------------|--|
| Description | Values: idle, preparation, takeover, cancellation. |
| Displayed name | Migration State |
| OSS name | migrationState |
| Read-only | no |
| Tab Panel | General General |
| Type | MigrationStateType |
| Enumerated types: | |

Table 2-374 Migration State (continued)

| Name | Value |
|--------------|-------|
| cancellation | |
| idle | |
| preparation | |
| takeover | |

NE Version**Table 2-375 NE Version**

| Name | Value |
|----------------|-----------------------|
| Description | GMRE node NE version. |
| Displayed name | NE Version |
| OSS name | neVersion |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Network Construction Mode**Table 2-376 Network Construction Mode**

| Name | Value |
|--------------------------|------------------------------|
| Description | Values: BottomUp or TopDown. |
| Displayed name | Network Construction Mode |
| OSS name | networkConstructionMode |
| Read-only | no |
| Tab Panel | General General |
| Type | NetworkConstructionModeType |
| Enumerated types: | |
| BottomUp | |
| TopDown | |

Operational State**Table 2-377 Operational State**

| Name | Value |
|--------------------------|----------------------------|
| Description | Values: enabled, disabled. |
| Displayed name | Operational State |
| OSS name | cpNeOperationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | CPNEOperationalStateType |
| Enumerated types: | |
| | Disabled |
| | Enabled |

Owner**Table 2-378 Owner**

| Name | Value |
|----------------|-----------------|
| Displayed name | Owner |
| OSS name | owner |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site ID**Table 2-379 Site ID**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Management Plane Site Identifier associated with CP node. |
| Displayed name | Site ID |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 2-380 Site Name**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Management Plane Site Name associated with DP node. |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Data Bearer Link parameters

A End CP Node ID**Table 2-381 A End CP Node ID**

| Name | Value |
|-----------------------|--------------------|
| Displayed name | A End CP Node ID |
| Mandatory on creation | yes |
| OSS name | aEndCpNodeId |
| Read-only | no |
| Tab Panel | General Endpoint A |
| Type | STRING |

A End Data bearer ID**Table 2-382 A End Data bearer ID**

| Name | Value |
|-----------------------|----------------------|
| Displayed name | A End Data bearer ID |
| Mandatory on creation | yes |
| OSS name | aEndDataBearerId |
| Read-only | no |
| Tab Panel | General Endpoint A |

Table 2-382 A End Data bearer ID (continued)

| Name | Value |
|------|--------|
| Type | STRING |

A End Port Name**Table 2-383 A End Port Name**

| Name | Value |
|----------------|--------------------|
| Displayed name | A End Port Name |
| OSS name | aEndPortName |
| Read-only | yes |
| Tab Panel | General Endpoint A |
| Type | STRING |

A End Site ID**Table 2-384 A End Site ID**

| Name | Value |
|----------------|--------------------|
| Displayed name | A End Site ID |
| OSS name | aEndSiteId |
| Read-only | yes |
| Tab Panel | General Endpoint A |
| Type | STRING |

A End Site Name**Table 2-385 A End Site Name**

| Name | Value |
|----------------|--------------------|
| Displayed name | A End Site Name |
| OSS name | aEndSiteName |
| Read-only | yes |
| Tab Panel | General Endpoint A |
| Type | STRING |

A End TE Link ID**Table 2-386 A End TE Link ID**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | This ID is derived from DataBearer.asnSnppLinkId of the A end data bearer. |
| Displayed name | A End TE Link ID |
| OSS name | aEndTeLinkEndpointId |
| Read-only | no |
| Tab Panel | General Endpoint A |
| Type | STRING |

A End User Label**Table 2-387 A End User Label**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Name provided by user. It is not mandatory on create. If nothing is given by the user, then SAM provides the name. |
| Displayed name | A End User Label |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | aEndUserLabel |
| Read-only | no |
| Tab Panel | General Endpoint A |
| Type | STRING |

Administrative State**Table 2-388 Administrative State**

| Name | Value |
|----------------|-------------------------|
| Default | yes:locked |
| Displayed name | Administrative State |
| OSS name | linkAdministrativeState |
| Read-only | no |
| Tab Panel | States General |

Table 2-388 Administrative State (continued)

| Name | Value |
|--------------------------|-----------------------|
| Type | TPAdministrativeState |
| Enumerated types: | |
| Locked | |
| Shutting Down | |
| Soft Shutting Down | |
| Unlocked | |

Allow In-band**Table 2-389 Allow In-band**

| Name | Value |
|--------------------------|---|
| Description | If allowInBand=false the GMRE will not setup GCC/DCC on this physical link. |
| Displayed name | Allow In-band |
| OSS name | allowInBand |
| Read-only | no |
| Tab Panel | General Details |
| Type | TPAllowInBand |
| Enumerated types: | |
| False | |
| True | |

Data Bearer**Table 2-390 Data Bearer**

| Name | Value |
|----------------|--------------------------------------|
| Description | Pointer to Data bearer on the A end. |
| Displayed name | Data Bearer |
| OSS name | aEndDataBearerPointer |
| Read-only | yes |
| Tab Panel | General Endpoint A |
| Type | POINTER |

Data Bearer**Table 2-391 Data Bearer**

| Name | Value |
|----------------|---------------------------|
| Description | Data bearer on the Z end. |
| Displayed name | Data Bearer |
| OSS name | zEndDataBearerPointer |
| Read-only | yes |
| Tab Panel | General Endpoint Z |
| Type | POINTER |

DB Link Name**Table 2-392 DB Link Name**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes: |
| Description | Displayed name of the Connection. |
| Displayed name | DB Link Name |
| Maximum | 256 |
| Minimum | 0 |
| OSS name | displayedName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Link-in Maintenance**Table 2-393 Link-in Maintenance**

| Name | Value |
|--------------------------|---------------------|
| Displayed name | Link-in Maintenance |
| OSS name | linkInMaintenance |
| Read-only | yes |
| Tab Panel | States General |
| Type | TPLinkInMaintenance |
| Enumerated types: | |
| False | |

Table 2-393 Link-in Maintenance (continued)

| Name | Value |
|------|-------|
| True | |

MS Signal Degraded

Table 2-394 MS Signal Degraded

| Name | Value |
|--------------------------|--------------------|
| Displayed name | MS Signal Degraded |
| OSS name | msSignalDegraded |
| Read-only | no |
| Tab Panel | States General |
| Type | TPMSSignalDegraded |
| Enumerated types: | |
| Disabled | |
| Enabled | |

Operational State

Table 2-395 Operational State

| Name | Value |
|----------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | States General |
| Type | ConnectionOperState |

Port

Table 2-396 Port

| Name | Value |
|----------------|--|
| Description | Pointer to management plane physical port on the A end |
| Displayed name | Port |
| OSS name | aEndPortPointer |

Table 2-396 Port (continued)

| Name | Value |
|-------------|--------------------|
| Read-only | no |
| Tab Panel | General Endpoint A |
| Type | POINTER |

Port**Table 2-397 Port**

| Name | Value |
|----------------|--|
| Description | Pointer to management plane physical port on the Z end |
| Displayed name | Port |
| OSS name | zEndPortPointer |
| Read-only | no |
| Tab Panel | General Endpoint Z |
| Type | POINTER |

TCM Layer**Table 2-398 TCM Layer**

| Name | Value |
|--------------------------|---|
| Description | Indicates TCM Layer. Applies to I-NNI only (NOTE: DROP reports value of "None" but this attribute effectively does not apply to DROP). In OCS R7.x, valid values are: "1", "2", ..., "6". |
| Displayed name | TCM Layer |
| OSS name | tcMonitor |
| Read-only | no |
| Tab Panel | General Details |
| Type | TPTCMonitor |
| Enumerated types: | |
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |

Table 2-398 TCM Layer (continued)

| Name | Value |
|------|-------|
| None | |

TE Link

Table 2-399 TE Link

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Pointer to the TE-Link object that this I-NNI data bearer link belongs to. Note that an I-NNI data bearer link can exist without being assigned to a TE-Link, in which case GMRE will raise an alarm indicating the DB link is unusable. |
| Displayed name | TE Link |
| OSS name | teLinkPointer |
| Read-only | no |
| Tab Panel | General TE Link |
| Type | POINTER |

Wait To Revert

Table 2-400 Wait To Revert

| Name | Value |
|----------------|--|
| Default | yes:300 |
| Description | Unsigned int, wait value in seconds. Applies to I-NNI only (not applicable to DROP). Recommended values: - 1m to 15m (with one minute increments, the value is expressed in seconds (e.g. 120 for 2m) - 20m, 30m, 45m, 60m, 90m, 2h, 4h, 12h, 24h, 48h (the value is expressed in seconds: e.g. 1.800 for 30m) |
| Displayed name | Wait To Revert |
| Maximum | 172800 |
| Minimum | 0 |
| OSS name | waitToRevert |
| Read-only | no |
| Tab Panel | General Details |
| Type | INT |
| Units | secs |

Z End CP Node ID**Table 2-401 Z End CP Node ID**

| Name | Value |
|-----------------------|--------------------|
| Displayed name | Z End CP Node ID |
| Mandatory on creation | yes |
| OSS name | zEndCpNodeId |
| Read-only | no |
| Tab Panel | General Endpoint Z |
| Type | STRING |

Z End Data bearer ID**Table 2-402 Z End Data bearer ID**

| Name | Value |
|-----------------------|----------------------|
| Displayed name | Z End Data bearer ID |
| Mandatory on creation | yes |
| OSS name | zEndDataBearerId |
| Read-only | no |
| Tab Panel | General Endpoint Z |
| Type | STRING |

Z End Port Name**Table 2-403 Z End Port Name**

| Name | Value |
|----------------|--------------------|
| Displayed name | Z End Port Name |
| OSS name | zEndPortName |
| Read-only | yes |
| Tab Panel | General Endpoint Z |
| Type | STRING |

Z End Site ID**Table 2-404 Z End Site ID**

| Name | Value |
|----------------|--------------------|
| Displayed name | Z End Site ID |
| OSS name | zEndSiteId |
| Read-only | yes |
| Tab Panel | General Endpoint Z |
| Type | STRING |

Z End Site Name**Table 2-405 Z End Site Name**

| Name | Value |
|----------------|--------------------|
| Displayed name | Z End Site Name |
| OSS name | zEndSiteName |
| Read-only | yes |
| Tab Panel | General Endpoint Z |
| Type | STRING |

Z End TE Link ID**Table 2-406 Z End TE Link ID**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | This ID is derived from DataBearer.asonSnppLinkId of the Z end data bearer. |
| Displayed name | Z End TE Link ID |
| OSS name | zEndTeLinkEndpointId |
| Read-only | no |
| Tab Panel | General Endpoint Z |
| Type | STRING |

Z End User Label**Table 2-407 Z End User Label**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Name provided by user. It is not mandatory on create. If nothing is given by the user, then SAM provides the name. |
| Displayed name | Z End User Label |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | zEndUserLabel |
| Read-only | no |
| Tab Panel | General Endpoint Z |
| Type | STRING |

Data Bearer parameters**Administrative State****Table 2-408 Administrative State**

| Name | Value |
|--------------------------|---|
| Default | yes:unlocked |
| Description | Applies to I-NNI and DROP. Mandatory in DataBearer create scenario. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | TPAdministrativeState |
| Enumerated types: | |
| Locked | |
| Shutting Down | |
| Soft Shutting Down | |
| Unlocked | |

Allow In-band**Table 2-409 Allow In-band**

| Name | Value |
|--------------------------|--|
| Description | Applies to I-NNI. Not relevant for DROP. If allowInBand=false the GMRE will not setup GCC/DCC on this physical link. |
| Displayed name | Allow In-band |
| OSS name | allowInBand |
| Read-only | yes |
| Tab Panel | General General |
| Type | TPAllowInBand |
| Enumerated types: | |
| False | |
| True | |

ASON Domain**Table 2-410 ASON Domain**

| Name | Value |
|----------------|-------------------------|
| Default | yes: |
| Description | Pointer to ASON domain. |
| Displayed name | ASON Domain |
| OSS name | domainPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

ASON Domain ID**Table 2-411 ASON Domain ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Description | ASON domain ID. |
| Displayed name | ASON Domain ID |
| OSS name | domainId |
| Read-only | yes |

Table 2-411 ASON Domain ID (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | LONG |

ASON Plane Assignment**Table 2-412 ASON Plane Assignment**

| Name | Value |
|----------------|--|
| Default | yes:unknown |
| Description | Applies to I-NNI and DROP. Can be modified only if administrativeState='locked'. |
| Displayed name | ASON Plane Assignment |
| OSS name | asonPlaneAssignment |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.MgmtAccessDomains |

ASON Remote Port**Table 2-413 ASON Remote Port**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Management Plane Remote Port Name associated with this data bearer. |
| Displayed name | ASON Remote Port |
| Maximum | 252 |
| OSS name | remotePortName |
| Read-only | yes |
| Tab Panel | General Remote Resources |
| Type | STRING |

ASON SubNode**Table 2-414 ASON SubNode**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 2-414 ASON SubNode (continued)

| Name | Value |
|----------------|---------------------|
| Description | Pointer to SubNode. |
| Displayed name | ASON SubNode |
| OSS name | subNodePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

ASON TELink**Table 2-415 ASON TELink**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | ASON TELink |
| OSS name | asonSnppLinkId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

CP Node ID**Table 2-416 CP Node ID**

| Name | Value |
|----------------|--|
| Description | EMS name of CP Node ie GMRE_LSR_Id. Encoded as IPv4 address (xxx.xxx.xxx.xxx). |
| Displayed name | CP Node ID |
| OSS name | cpNodeId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Data Bearer ID**Table 2-417 Data Bearer ID**

| Name | Value |
|-----------------------|---|
| Description | Corresponds to "PTP" portion of the CORBA name of the DataBearer (external name). Eg: "UNTERM-1020304". |
| Displayed name | Data Bearer ID |
| Mandatory on creation | yes |
| OSS name | dataBearerId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Databearer ID (CLI)**Table 2-418 Databearer ID (CLI)**

| Name | Value |
|----------------|--|
| Description | Corresponds to CLI name of the DataBearer. It consists of the dataBearerId and the suffix. Eg: "UNTERM-102030416". |
| Displayed name | Databearer ID (CLI) |
| OSS name | dataBearerIdCliName |
| Read-only | yes |
| Tab Panel | General GMRE CLI Naming |
| Type | STRING |

DataBearer User Label**Table 2-419 DataBearer User Label**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Applies to DROP and I-NNI. Maps to CORBA layered attribute UserLabel. |
| Displayed name | DataBearer User Label |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | tpUserLabel |
| Read-only | no |

Table 2-419 DataBearer User Label (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | STRING |

Direction**Table 2-420 Direction**

| Name | Value |
|--------------------------|-------------------------|
| Default | yes:d_bidirectional |
| Description | Always d_bidirectional. |
| Displayed name | Direction |
| OSS name | direction |
| Read-only | yes |
| Tab Panel | General General |
| Type | TPDirection |
| Enumerated types: | |
| Bidirectional | |

I-NNI Link Pointer**Table 2-421 I-NNI Link Pointer**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Pointer to data bearer link instance in SAM. |
| Displayed name | I-NNI Link Pointer |
| OSS name | dbLinkPointer |
| Read-only | yes |
| Tab Panel | General I-NNI Link |
| Type | POINTER |

Is Virtual ODU Termination**Table 2-422 Is Virtual ODU Termination**

| Name | Value |
|-----------------------|----------------------------|
| Default | yes:false |
| Displayed name | Is Virtual ODU Termination |
| Mandatory on creation | yes |
| OSS name | oduPoolEndpoint |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Link Type**Table 2-423 Link Type**

| Name | Value |
|--------------------------|-----------------|
| Displayed name | Link Type |
| OSS name | asonLinkType |
| Read-only | no |
| Tab Panel | General General |
| Type | AsonLinkType |
| Enumerated types: | |
| DROP | |
| FA-UNTERM | |
| GMRE-E-NNI | |
| I-NNI | |
| Inter-E-NNI | |
| SPLIT | |
| Undefined | |
| UNI | |

Link-in Maintenance**Table 2-424 Link-in Maintenance**

| Name | Value |
|-------------|----------------------------|
| Description | Applies to DROP and I-NNI. |

Table 2-424 Link-in Maintenance (continued)

| Name | Value |
|--------------------------|---------------------|
| Displayed name | Link-in Maintenance |
| OSS name | linkInMaintenance |
| Read-only | yes |
| Tab Panel | States General |
| Type | TPLinkInMaintenance |
| Enumerated types: | |
| False | |
| True | |

Local Port Pointer**Table 2-425 Local Port Pointer**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | Pointer to management plane physical port supporting this data bearer. |
| Displayed name | Local Port Pointer |
| Mandatory on creation | yes |
| OSS name | ptpPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Local Virtual ODU Termination**Table 2-426 Local Virtual ODU Termination**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Management Plane Local Virtual ODU termination for facility associated with this data bearer. |
| Displayed name | Local Virtual ODU Termination |
| Maximum | 252 |
| Minimum | 0 |
| OSS name | localOduPtfName |

Table 2-426 Local Virtual ODU Termination (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

MS Signal Degraded**Table 2-427 MS Signal Degraded**

| Name | Value |
|--------------------------|---|
| Description | Applies to I-NNI only (not applicable to DROP). |
| Displayed name | MS Signal Degraded |
| OSS name | msSignalDegraded |
| Read-only | no |
| Tab Panel | States General |
| Type | TPMSSignalDegraded |
| Enumerated types: | |
| Disabled | |
| Enabled | |

Operational State**Table 2-428 Operational State**

| Name | Value |
|--------------------------|----------------------------|
| Description | Applies to I-NNI and DROP. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |
| Type | TPOperationalState |
| Enumerated types: | |
| Degraded | |
| Disabled | |
| Enabled | |

Port Name**Table 2-429 Port Name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Management Plane Local Port Name associated with this data bearer. |
| Displayed name | Port Name |
| Maximum | 252 |
| OSS name | localPortName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Remote Port Pointer**Table 2-430 Remote Port Pointer**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | Pointer to management plane physical port supporting the remote data bearer. |
| Displayed name | Remote Port Pointer |
| Mandatory on creation | yes |
| OSS name | remotePtpPointer |
| Read-only | no |
| Tab Panel | General Remote Resources |
| Type | POINTER |

Site ID**Table 2-431 Site ID**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | Management Plane Remote Site Identifier associated with data bearer. |
| Displayed name | Site ID |
| Mandatory on creation | yes |
| OSS name | remoteSiteId |
| Read-only | no |

Table 2-431 Site ID (continued)

| Name | Value |
|-------------|--------------------------|
| Tab Panel | General Remote Resources |
| Type | STRING |

Site ID

Table 2-432 Site ID

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Management Plane Site Identifier associated with data bearer. |
| Displayed name | Site ID |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name

Table 2-433 Site Name

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Management Plane Remote Site Name associated with data bearer. |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | remoteSiteName |
| Read-only | yes |
| Tab Panel | General Remote Resources |
| Type | STRING |

Site Name

Table 2-434 Site Name

| Name | Value |
|---------|-------|
| Default | yes: |

Table 2-434 Site Name (continued)

| Name | Value |
|----------------|---|
| Description | Management Plane Site Name associated with data bearer. |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

SubNode ID**Table 2-435 SubNode ID**

| Name | Value |
|----------------|---|
| Description | In SAM, subNodeId is in format rss: - r: rackId (1..9) - ss: subRackId (01..99) subNodeId does not contain trailing 000000. |
| Displayed name | SubNode ID |
| OSS name | subNodeId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

TCM Layer**Table 2-436 TCM Layer**

| Name | Value |
|--------------------------|---|
| Description | Indicates TCM Layer. Applies to I-NNI only (NOTE: DROP reports value of "None" but this attribute effectively does not apply to DROP). In OCS R7.x, valid values are: "1", "2", ..., "6". |
| Displayed name | TCM Layer |
| OSS name | tcMonitor |
| Read-only | yes |
| Tab Panel | General General |
| Type | TPTCMonitor |
| Enumerated types: | |
| 1 | |

Table 2-436 TCM Layer (continued)

| Name | Value |
|------|-------|
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| None | |

Virtual ODU Termination**Table 2-437 Virtual ODU Termination**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | Pointer to management plane facility supporting this data bearer. |
| Displayed name | Virtual ODU Termination |
| Mandatory on creation | yes |
| OSS name | ctpPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Wait To Revert**Table 2-438 Wait To Revert**

| Name | Value |
|----------------|---|
| Default | yes:300 |
| Description | Unsigned int, wait value in seconds. Applies to I-NNI only (not applicable to DROP). Recommended values: - 1m to 15m (with one minute increments, the value is expressed in seconds (e.g. 120 for 2m) - 20m, 30m, 45m, 60m, 90m, 2h, 4h, 12h, 24h, 48h (the value is expressed in seconds: e.g. 1.800 for 30m) |
| Displayed name | Wait To Revert |
| Maximum | 172800 |
| Minimum | 0 |
| OSS name | waitToRevert |
| Read-only | yes |

Table 2-438 Wait To Revert (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | INT |
| Units | secs |

Digital Diagnostic Monitoring parameters

Aux 1

Table 2-439 Aux 1

| Name | Value |
|----------------|----------------------------|
| Displayed name | Aux 1 |
| OSS name | aux1 |
| Read-only | yes |
| Tab Panel | Auxiliary Voltages General |
| Type | FLOAT |
| Units | V |

Aux 1 High Alarm

Table 2-440 Aux 1 High Alarm

| Name | Value |
|----------------|----------------------------|
| Displayed name | Aux 1 High Alarm |
| OSS name | aux1HighAlarm |
| Read-only | yes |
| Tab Panel | Auxiliary Voltages General |
| Type | FLOAT |

Aux 1 High Warning

Table 2-441 Aux 1 High Warning

| Name | Value |
|----------------|--------------------|
| Displayed name | Aux 1 High Warning |
| OSS name | aux1HighWarning |

Table 2-441 Aux 1 High Warning (continued)

| Name | Value |
|-------------|----------------------------|
| Read-only | yes |
| Tab Panel | Auxiliary Voltages General |
| Type | FLOAT |

Aux 1 Low Alarm**Table 2-442 Aux 1 Low Alarm**

| Name | Value |
|----------------|----------------------------|
| Displayed name | Aux 1 Low Alarm |
| OSS name | aux1LowAlarm |
| Read-only | yes |
| Tab Panel | Auxiliary Voltages General |
| Type | FLOAT |

Aux 1 Low Warning**Table 2-443 Aux 1 Low Warning**

| Name | Value |
|----------------|----------------------------|
| Displayed name | Aux 1 Low Warning |
| OSS name | aux1LowWarning |
| Read-only | yes |
| Tab Panel | Auxiliary Voltages General |
| Type | FLOAT |

Aux 1 Type**Table 2-444 Aux 1 Type**

| Name | Value |
|----------------|----------------------------|
| Displayed name | Aux 1 Type |
| OSS name | aux1Type |
| Read-only | yes |
| Tab Panel | Auxiliary Voltages General |
| Type | AuxType |

Table 2-444 Aux 1 Type (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| ADP Bias Voltage | |
| Current 18 | |
| Current 33 | |
| Current 50 | |
| Current 52 | |
| Laser Temp | |
| Laser Wavelength | |
| None | |
| Reserved 11 | |
| Reserved 12 | |
| Reserved 2 | |
| Tec Current | |
| Voltage 18 | |
| Voltage 33 | |
| Voltage 50 | |
| Voltage 52 | |

Aux 2

Table 2-445 Aux 2

| Name | Value |
|----------------|----------------------------|
| Displayed name | Aux 2 |
| OSS name | aux2 |
| Read-only | yes |
| Tab Panel | Auxiliary Voltages General |
| Type | FLOAT |
| Units | V |

Aux 2 High Alarm**Table 2-446 Aux 2 High Alarm**

| Name | Value |
|----------------|----------------------------|
| Displayed name | Aux 2 High Alarm |
| OSS name | aux2HighAlarm |
| Read-only | yes |
| Tab Panel | Auxiliary Voltages General |
| Type | FLOAT |

Aux 2 High Warning**Table 2-447 Aux 2 High Warning**

| Name | Value |
|----------------|----------------------------|
| Displayed name | Aux 2 High Warning |
| OSS name | aux2HighWarning |
| Read-only | yes |
| Tab Panel | Auxiliary Voltages General |
| Type | FLOAT |

Aux 2 Low Alarm**Table 2-448 Aux 2 Low Alarm**

| Name | Value |
|----------------|----------------------------|
| Displayed name | Aux 2 Low Alarm |
| OSS name | aux2LowAlarm |
| Read-only | yes |
| Tab Panel | Auxiliary Voltages General |
| Type | FLOAT |

Aux 2 Low Warning**Table 2-449 Aux 2 Low Warning**

| Name | Value |
|----------------|-------------------|
| Displayed name | Aux 2 Low Warning |
| OSS name | aux2LowWarning |

Table 2-449 Aux 2 Low Warning (continued)

| Name | Value |
|-------------|----------------------------|
| Read-only | yes |
| Tab Panel | Auxiliary Voltages General |
| Type | FLOAT |

Aux 2 Type

Table 2-450 Aux 2 Type

| Name | Value |
|--------------------------|----------------------------|
| Displayed name | Aux 2 Type |
| OSS name | aux2Type |
| Read-only | yes |
| Tab Panel | Auxiliary Voltages General |
| Type | AuxType |
| Enumerated types: | |
| ADP Bias Voltage | |
| Current 18 | |
| Current 33 | |
| Current 50 | |
| Current 52 | |
| Laser Temp | |
| Laser Wavelength | |
| None | |
| Reserved 11 | |
| Reserved 12 | |
| Reserved 2 | |
| Tec Current | |
| Voltage 18 | |
| Voltage 33 | |
| Voltage 50 | |
| Voltage 52 | |

Bias Current**Table 2-451 Bias Current**

| Name | Value |
|----------------|----------------------|
| Displayed name | Bias Current |
| OSS name | txBiasCurrent |
| Read-only | yes |
| Tab Panel | Bias Current General |
| Type | FLOAT |
| Units | mA |

Bias Current (mA)**Table 2-452 Bias Current (mA)**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Bias Current (mA) |
| Maximum | 252 |
| OSS name | txBiasCurrent1 |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Bias Current (mA) Per Lane**Table 2-453 Bias Current (mA) Per Lane**

| Name | Value |
|----------------|----------------------------|
| Default | yes: |
| Displayed name | Bias Current (mA) Per Lane |
| Maximum | 252 |
| OSS name | txLaneBiascurr |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

High Alarm

Table 2-454 High Alarm

| Name | Value |
|----------------|--------------------------|
| Displayed name | High Alarm |
| OSS name | rxOpticalPowerHighAlarm |
| Read-only | yes |
| Tab Panel | Rx Optical Power General |
| Type | FLOAT |
| Units | dBm |

High Alarm

Table 2-455 High Alarm

| Name | Value |
|----------------|------------------------|
| Displayed name | High Alarm |
| OSS name | supplyVoltageHighAlarm |
| Read-only | yes |
| Tab Panel | Voltage General |
| Type | FLOAT |
| Units | V |

High Alarm

Table 2-456 High Alarm

| Name | Value |
|----------------|----------------------|
| Displayed name | High Alarm |
| OSS name | temperatureHighAlarm |
| Read-only | yes |
| Tab Panel | Temperature General |
| Type | FLOAT |
| Units | C |

High Alarm**Table 2-457 High Alarm**

| Name | Value |
|----------------|------------------------|
| Displayed name | High Alarm |
| OSS name | txBiasCurrentHighAlarm |
| Read-only | yes |
| Tab Panel | Bias Current General |
| Type | FLOAT |
| Units | mA |

High Alarm**Table 2-458 High Alarm**

| Name | Value |
|----------------|-------------------------|
| Displayed name | High Alarm |
| OSS name | txOutputPowerHighAlarm |
| Read-only | yes |
| Tab Panel | Tx Output Power General |
| Type | FLOAT |
| Units | dBm |

High Warning**Table 2-459 High Warning**

| Name | Value |
|----------------|---------------------------|
| Displayed name | High Warning |
| OSS name | rxOpticalPowerHighWarning |
| Read-only | yes |
| Tab Panel | Rx Optical Power General |
| Type | FLOAT |
| Units | dBm |

High Warning

Table 2-460 High Warning

| Name | Value |
|----------------|--------------------------|
| Displayed name | High Warning |
| OSS name | supplyVoltageHighWarning |
| Read-only | yes |
| Tab Panel | Voltage General |
| Type | FLOAT |
| Units | V |

High Warning

Table 2-461 High Warning

| Name | Value |
|----------------|------------------------|
| Displayed name | High Warning |
| OSS name | temperatureHighWarning |
| Read-only | yes |
| Tab Panel | Temperature General |
| Type | FLOAT |
| Units | C |

High Warning

Table 2-462 High Warning

| Name | Value |
|----------------|--------------------------|
| Displayed name | High Warning |
| OSS name | txBiasCurrentHighWarning |
| Read-only | yes |
| Tab Panel | Bias Current General |
| Type | FLOAT |
| Units | mA |

High Warning**Table 2-463 High Warning**

| Name | Value |
|----------------|--------------------------|
| Displayed name | High Warning |
| OSS name | txOutputPowerHighWarning |
| Read-only | yes |
| Tab Panel | Tx Output Power General |
| Type | FLOAT |
| Units | dBm |

Input Power (dBm)**Table 2-464 Input Power (dBm)**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Input Power (dBm) |
| Maximum | 252 |
| OSS name | rxOpticalPower1 |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Input Power (dBm) Per Lane**Table 2-465 Input Power (dBm) Per Lane**

| Name | Value |
|----------------|----------------------------|
| Default | yes: |
| Displayed name | Input Power (dBm) Per Lane |
| Maximum | 252 |
| OSS name | rxLanePwr |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Low Alarm

Table 2-466 Low Alarm

| Name | Value |
|----------------|--------------------------|
| Displayed name | Low Alarm |
| OSS name | rxOpticalPowerLowAlarm |
| Read-only | yes |
| Tab Panel | Rx Optical Power General |
| Type | FLOAT |
| Units | dBm |

Low Alarm

Table 2-467 Low Alarm

| Name | Value |
|----------------|-----------------------|
| Displayed name | Low Alarm |
| OSS name | supplyVoltageLowAlarm |
| Read-only | yes |
| Tab Panel | Voltage General |
| Type | FLOAT |
| Units | V |

Low Alarm

Table 2-468 Low Alarm

| Name | Value |
|----------------|---------------------|
| Displayed name | Low Alarm |
| OSS name | temperatureLowAlarm |
| Read-only | yes |
| Tab Panel | Temperature General |
| Type | FLOAT |
| Units | C |

Low Alarm**Table 2-469 Low Alarm**

| Name | Value |
|----------------|-----------------------|
| Displayed name | Low Alarm |
| OSS name | txBiasCurrentLowAlarm |
| Read-only | yes |
| Tab Panel | Bias Current General |
| Type | FLOAT |
| Units | mA |

Low Alarm**Table 2-470 Low Alarm**

| Name | Value |
|----------------|-------------------------|
| Displayed name | Low Alarm |
| OSS name | txOutputPowerLowAlarm |
| Read-only | yes |
| Tab Panel | Tx Output Power General |
| Type | FLOAT |
| Units | dBm |

Low Warning**Table 2-471 Low Warning**

| Name | Value |
|----------------|--------------------------|
| Displayed name | Low Warning |
| OSS name | rxOpticalPowerLowWarning |
| Read-only | yes |
| Tab Panel | Rx Optical Power General |
| Type | FLOAT |
| Units | dBm |

Low Warning

Table 2-472 Low Warning

| Name | Value |
|----------------|-------------------------|
| Displayed name | Low Warning |
| OSS name | supplyVoltageLowWarning |
| Read-only | yes |
| Tab Panel | Voltage General |
| Type | FLOAT |
| Units | V |

Low Warning

Table 2-473 Low Warning

| Name | Value |
|----------------|-----------------------|
| Displayed name | Low Warning |
| OSS name | temperatureLowWarning |
| Read-only | yes |
| Tab Panel | Temperature General |
| Type | FLOAT |
| Units | C |

Low Warning

Table 2-474 Low Warning

| Name | Value |
|----------------|-------------------------|
| Displayed name | Low Warning |
| OSS name | txBiasCurrentLowWarning |
| Read-only | yes |
| Tab Panel | Bias Current General |
| Type | FLOAT |
| Units | mA |

Low Warning**Table 2-475 Low Warning**

| Name | Value |
|----------------|-------------------------|
| Displayed name | Low Warning |
| OSS name | txOutputPowerLowWarning |
| Read-only | yes |
| Tab Panel | Tx Output Power General |
| Type | FLOAT |
| Units | dBm |

Optical Power**Table 2-476 Optical Power**

| Name | Value |
|----------------|--------------------------|
| Displayed name | Optical Power |
| OSS name | rxOpticalPower |
| Read-only | yes |
| Tab Panel | Rx Optical Power General |
| Type | FLOAT |
| Units | dBm |

Output Power**Table 2-477 Output Power**

| Name | Value |
|----------------|-------------------------|
| Displayed name | Output Power |
| OSS name | txOutputPower |
| Read-only | yes |
| Tab Panel | Tx Output Power General |
| Type | FLOAT |
| Units | dBm |

Output Power (dBm)

Table 2-478 Output Power (dBm)

| Name | Value |
|----------------|--------------------|
| Default | yes: |
| Displayed name | Output Power (dBm) |
| Maximum | 252 |
| OSS name | txOutputPower1 |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Output Power (dBm) Per Lane

Table 2-479 Output Power (dBm) Per Lane

| Name | Value |
|----------------|-----------------------------|
| Default | yes: |
| Displayed name | Output Power (dBm) Per Lane |
| Maximum | 252 |
| OSS name | txLanePwr |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Power Type

Table 2-480 Power Type

| Name | Value |
|------------------------------|--------------------------|
| Displayed name | Power Type |
| OSS name | rxOpticalPowerType |
| Read-only | yes |
| Tab Panel | Rx Optical Power General |
| Type | OpticalPowerType |
| Enumerated types: | |
| Average Rx Optical Power | |
| Optical Modulation Amplitude | |

Rx Power 0

Table 2-481 Rx Power 0

| Name | Value |
|----------------|---|
| Displayed name | Rx Power 0 |
| OSS name | extCalRxPower0 |
| Read-only | yes |
| Tab Panel | External Calibration Rx Power Calibrators |
| Type | FLOAT |

Rx Power 1

Table 2-482 Rx Power 1

| Name | Value |
|----------------|---|
| Displayed name | Rx Power 1 |
| OSS name | extCalRxPower1 |
| Read-only | yes |
| Tab Panel | External Calibration Rx Power Calibrators |
| Type | FLOAT |

Rx Power 2

Table 2-483 Rx Power 2

| Name | Value |
|----------------|---|
| Displayed name | Rx Power 2 |
| OSS name | extCalRxPower2 |
| Read-only | yes |
| Tab Panel | External Calibration Rx Power Calibrators |
| Type | FLOAT |

Rx Power 3

Table 2-484 Rx Power 3

| Name | Value |
|----------------|----------------|
| Displayed name | Rx Power 3 |
| OSS name | extCalRxPower3 |

Table 2-484 Rx Power 3 (continued)

| Name | Value |
|-------------|---|
| Read-only | yes |
| Tab Panel | External Calibration Rx Power Calibrators |
| Type | FLOAT |

Rx Power 4

Table 2-485 Rx Power 4

| Name | Value |
|----------------|---|
| Displayed name | Rx Power 4 |
| OSS name | extCalRxPower4 |
| Read-only | yes |
| Tab Panel | External Calibration Rx Power Calibrators |
| Type | FLOAT |

Supply Voltage

Table 2-486 Supply Voltage

| Name | Value |
|----------------|-----------------|
| Displayed name | Supply Voltage |
| OSS name | supplyVoltage |
| Read-only | yes |
| Tab Panel | Voltage General |
| Type | FLOAT |
| Units | V |

Temperature

Table 2-487 Temperature

| Name | Value |
|----------------|---------------------|
| Displayed name | Temperature |
| OSS name | temperature |
| Read-only | yes |
| Tab Panel | Temperature General |

Table 2-487 Temperature (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | C |

Temperature (degreeC)**Table 2-488 Temperature (degreeC)**

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Temperature (degreeC) |
| Maximum | 252 |
| OSS name | temperature1 |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Temperature Offset**Table 2-489 Temperature Offset**

| Name | Value |
|----------------|------------------------------|
| Displayed name | Temperature Offset |
| OSS name | extCalTemperatureOffset |
| Read-only | yes |
| Tab Panel | External Calibration General |
| Type | FLOAT |

Temperature Slope**Table 2-490 Temperature Slope**

| Name | Value |
|----------------|------------------------------|
| Displayed name | Temperature Slope |
| OSS name | extCalTemperatureSlope |
| Read-only | yes |
| Tab Panel | External Calibration General |

Table 2-490 Temperature Slope (continued)

| Name | Value |
|------|-------|
| Type | FLOAT |

Thresholds Failed

Table 2-491 Thresholds Failed

| Name | Value |
|-------------------------------|--------------------|
| Default | yes:0 |
| Displayed name | Thresholds Failed |
| OSS name | failedThresholds |
| Read-only | yes |
| Tab Panel | Thresholds General |
| Type | FailedThresholds |
| Enumerated types: | |
| Aux1 High Alarm | |
| Aux1 High Warning | |
| Aux1 Low Alarm | |
| Aux1 Low Warning | |
| Aux2 High Alarm | |
| Aux2 High Warning | |
| Aux2 Low Alarm | |
| Aux2 Low Warning | |
| Rx Optical Power High Alarm | |
| Rx Optical Power High Warning | |
| Rx Optical Power Low Alarm | |
| Rx Optical Power Low Warning | |
| Supply Voltage High Alarm | |
| Supply Voltage High Warning | |
| Supply Voltage Low Alarm | |
| Supply Voltage Low Warning | |
| Temperature High Alarm | |
| Temperature High Warning | |
| Temperature Low Alarm | |
| Temperature Low Warning | |

Table 2-491 Thresholds Failed (continued)

| Name | Value |
|------------------------------|-------|
| Tx Bias Current High Alarm | |
| Tx Bias Current High Warning | |
| Tx Bias Current Low Alarm | |
| Tx Bias Current Low Warning | |
| Tx Output Power High Alarm | |
| Tx Output Power High Warning | |
| Tx Output Power Low Alarm | |
| Tx Output Power Low Warning | |
| Unknown | |
| Unsupported | |

Tx Laser Bias Offset**Table 2-492 Tx Laser Bias Offset**

| Name | Value |
|----------------|------------------------------|
| Displayed name | Tx Laser Bias Offset |
| OSS name | extCalTxLaserBiasOffset |
| Read-only | yes |
| Tab Panel | External Calibration General |
| Type | FLOAT |

Tx Laser Bias Slope**Table 2-493 Tx Laser Bias Slope**

| Name | Value |
|----------------|------------------------------|
| Displayed name | Tx Laser Bias Slope |
| OSS name | extCalTxLaserBiasSlope |
| Read-only | yes |
| Tab Panel | External Calibration General |
| Type | FLOAT |

Tx Power Offset

Table 2-494 Tx Power Offset

| Name | Value |
|----------------|------------------------------|
| Displayed name | Tx Power Offset |
| OSS name | extCalTxPowerOffset |
| Read-only | yes |
| Tab Panel | External Calibration General |
| Type | FLOAT |

Tx Power Slope

Table 2-495 Tx Power Slope

| Name | Value |
|----------------|------------------------------|
| Displayed name | Tx Power Slope |
| OSS name | extCalTxPowerSlope |
| Read-only | yes |
| Tab Panel | External Calibration General |
| Type | FLOAT |

Voltage Offset

Table 2-496 Voltage Offset

| Name | Value |
|----------------|------------------------------|
| Displayed name | Voltage Offset |
| OSS name | extCalVoltageOffset |
| Read-only | yes |
| Tab Panel | External Calibration General |
| Type | FLOAT |

Voltage Slope

Table 2-497 Voltage Slope

| Name | Value |
|----------------|--------------------|
| Displayed name | Voltage Slope |
| OSS name | extCalVoltageSlope |

Table 2-497 Voltage Slope (continued)

| Name | Value |
|-------------|------------------------------|
| Read-only | yes |
| Tab Panel | External Calibration General |
| Type | FLOAT |

DirectInterfaceCtp parameters

Interface ID

Table 2-498 Interface ID

| Name | Value |
|----------------|--------------------------|
| Default | yes:0 |
| Displayed name | Interface ID |
| OSS name | virtualRouterInterfaceId |
| Read-only | yes |
| Tab Panel | General Interface |
| Type | LONG |

Interface Name

Table 2-499 Interface Name

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | Interface Name |
| Maximum | 252 |
| OSS name | terminatedObjectName |
| Read-only | yes |
| Tab Panel | General Interface |
| Type | STRING |

Routing Instance ID

Table 2-500 Routing Instance ID

| Name | Value |
|----------------|--------------------------|
| Default | yes:1 |
| Displayed name | Routing Instance ID |
| OSS name | virtualRouterId |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | LONG |

Routing Instance Name

Table 2-501 Routing Instance Name

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Routing Instance Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | routerName |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | STRING |

Site ID

Table 2-502 Site ID

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 2-503 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

GMRE Specifics parameters

Additional Details**Table 2-504 Additional Details**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Pointer to gmpls.CPNode instance discovered through the CORBA interface. |
| Displayed name | Additional Details |
| OSS name | cpNodePointer |
| Read-only | yes |
| Tab Panel | General ASON Control Plane Node Details |
| Type | POINTER |

GMRE Address**Table 2-505 GMRE Address**

| Name | Value |
|----------------|---|
| Default | yes:0.0.0.0 |
| Description | Used in GMPLS protocols for communication between directly attached NEs. It is used for the RSVP-TE, OSPF-TE and LMP protocols. |
| Displayed name | GMRE Address |
| OSS name | nodeAddress |
| Read-only | yes |

Table 2-505 GMRE Address (continued)

| Name | Value |
|-------------|---|
| Tab Panel | General ASON Control Plane Node Details |
| Type | INETADDR |

GMRE Management address

Table 2-506 GMRE Management address

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | Used for CORBA communication between Alcatel-Lucent 5620 SAM and GMRE. |
| Displayed name | GMRE Management address |
| OSS name | managementAddress |
| Read-only | yes |
| Tab Panel | General ASON Control Plane Node Details |
| Type | INETADDR |

GMRE Name

Table 2-507 GMRE Name

| Name | Value |
|----------------|---|
| Displayed name | GMRE Name |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General ASON Control Plane Node Details |
| Type | STRING |

GMRE Notify address

Table 2-508 GMRE Notify address

| Name | Value |
|----------------|---|
| Default | yes:0.0.0.0 |
| Description | Used for fast restoration trigger notification. |
| Displayed name | GMRE Notify address |
| OSS name | notifyAddress |

Table 2-508 GMRE Notify address (continued)

| Name | Value |
|-------------|---|
| Read-only | yes |
| Tab Panel | General ASON Control Plane Node Details |
| Type | INETADDR |

Hop parameters

Administrative State

Table 2-509 Administrative State

| Name | Value |
|----------------|-------------------------------|
| Description | Administrative State. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.AdministrativeState |

AINS Enabled

Table 2-510 AINS Enabled

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates if Port Level AINS(Automatic In Service) is enabled on the port which is represented by this Hop Object. |
| Displayed name | AINS Enabled |
| OSS name | ainsEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Channel

Table 2-511 Channel

| Name | Value |
|--------------------------|--|
| Description | The optical channel - used for display in the service screen in SAM GUI. |
| Displayed name | Channel |
| OSS name | channel |
| Read-only | no |
| Tab Panel | General General |
| Type | ITUChannel |
| Enumerated types: | |
| 1310 | |
| 1471 | |
| 1490 | |
| 1491 | |
| 1511 | |
| 1530 | |
| 1531 | |
| 1550 | |
| 1551 | |
| 1571 | |
| 1591 | |
| 1611 | |
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |

Table 2-511 Channel (continued)

| Name | Value |
|------|-------|
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |

Table 2-511 Channel (continued)

| Name | Value |
|------|-------|
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |

Table 2-511 Channel (continued)

| Name | Value |
|------|-------|
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |

Table 2-511 Channel (continued)

| Name | Value |
|------|-------|
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |

Table 2-511 Channel (continued)

| Name | Value |
|------|-------|
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |

Table 2-511 Channel (continued)

| Name | Value |
|------|-------|
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

CTP

Table 2-512 CTP

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Description | The CTP pointer of this hop. |
| Displayed name | CTP |
| OSS name | ctpPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Hop Order**Table 2-513 Hop Order**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The position of the hop within the parent trail. The position of each hop is calculated based on traversing the parent trail from endpoint A to endpoint Z. |
| Displayed name | Hop Order |
| Minimum | 1 |
| OSS name | hopOrder |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Operational State**Table 2-514 Operational State**

| Name | Value |
|----------------|----------------------------|
| Description | Operational State. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.OperationalState |

Port**Table 2-515 Port**

| Name | Value |
|----------------|--|
| Description | The physical port pointer of this hop. |
| Displayed name | Port |
| OSS name | portPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Port Description

Table 2-516 Port Description

| Name | Value |
|----------------|---|
| Description | The port description - used for display in the service screen in SAM GUI. |
| Displayed name | Port Description |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Rate

Table 2-517 Rate

| Name | Value |
|--------------------------|--|
| Description | The port rate - used for display in the service screen in SAM GUI. |
| Displayed name | Rate |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | AssignedRate |
| Enumerated types: | |
| 100GbE LAN | |
| 10GbE LAN | |
| 1GbE | |
| 3GSDI | |
| 40GbE LAN | |
| 40GbE MLD LAN | |
| BITS | |
| CBR10G | |
| CBR10G3 | |
| CBR2G5 | |
| DCN | |
| DDR | |
| Default | |
| DVBASI | |

Table 2-517 Rate (continued)

| Name | Value |
|-------------------|-------|
| DVI 6000 | |
| E1 | |
| ESCON | |
| FC100 | |
| FC1200 | |
| FC1600 | |
| FC200 | |
| FC400 | |
| FC800 | |
| FDDI | |
| FE | |
| HDSDI | |
| N/A | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex-3GSDI | |
| ODUFlex-40GBE MLD | |
| ODUFlex-CBR | |

Table 2-517 Rate (continued)

| Name | Value |
|----------------|-------|
| ODUFlex-DDR | |
| ODUFlex-FC1200 | |
| ODUFlex-FC1600 | |
| ODUFlex-FC400 | |
| ODUFlex-FC800 | |
| ODUFlex-GFP | |
| OMS | |
| ONETRU | |
| OPTSG | |
| OS | |
| OTL4.4 | |
| OTS | |
| OTU1 | |
| OTU1f | |
| OTU2 | |
| OTU2e | |
| OTU3 | |
| OTU3e2 | |
| OTU4 | |
| OTU4x2 | |
| SDR | |
| SDSDI | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| SubGigE | |
| TOD | |
| Unassigned | |
| Unknown | |

Site ID**Table 2-518 Site ID**

| Name | Value |
|----------------|--------------------------------------|
| Default | yes:0.0.0.0 |
| Description | The site id that the hop belongs to. |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 2-519 Site Name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The site name that the hop belongs to. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

IP Address parameters

Address ID**Table 2-520 Address ID**

| Name | Value |
|-----------------------|--|
| Default | yes:0 |
| Description | The only time that max=255 applies is in the case of ies.SubscriberInterface or vprn.SubscriberInterface. In all other cases the max value is limited to 16. |
| Displayed name | Address ID |
| Mandatory on creation | yes |

Table 2-520 Address ID (continued)

| Name | Value |
|-------------|--------------------|
| Maximum | 255 |
| Minimum | 1 |
| OSS name | index |
| Read-only | no |
| Tab Panel | General Properties |
| Type | INT |

Address State

Table 2-521 Address State

| Name | Value |
|--------------------------|------------------|
| Default | yes:unknown |
| Displayed name | Address State |
| OSS name | addressState |
| Read-only | yes |
| Tab Panel | General IPv6 |
| Type | IPv6AddressState |
| Enumerated types: | |
| deprecated | |
| duplicated | |
| inaccessible | |
| preferred | |
| tentative | |
| unknown | |

Broadcast Address Format

Table 2-522 Broadcast Address Format

| Name | Value |
|----------------|--------------------------|
| Default | yes:hostOnes |
| Displayed name | Broadcast Address Format |
| OSS name | bcastAddrFormat |
| Read-only | no |

Table 2-522 Broadcast Address Format (continued)

| Name | Value |
|--------------------------|-----------------|
| Tab Panel | General IPv4 |
| Type | BcastAddrFormat |
| Enumerated types: | |
| All Ones | |
| Host Ones | |

CGA Modifier**Table 2-523 CGA Modifier**

| Name | Value |
|----------------|---|
| Default | yes:00.00.00.00.00.00.00.00.00.00.00.00.00.00.00.00 |
| Displayed name | CGA Modifier |
| Maximum | 47 |
| Minimum | 47 |
| OSS name | cgaModifier |
| Read-only | no |
| Tab Panel | General IPv6 |
| Type | STRING |

Customer ID**Table 2-524 Customer ID**

| Name | Value |
|----------------|------------------|
| Default | yes:1 |
| Displayed name | Customer ID |
| OSS name | subscriberId |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | LONG |

Customer Name**Table 2-525 Customer Name**

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 32 |
| OSS name | subscriberName |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | STRING |

EUI-64**Table 2-526 EUI-64**

| Name | Value |
|-----------------------|----------------|
| Default | yes:false |
| Displayed name | EUI-64 |
| Mandatory on creation | yes |
| OSS name | isEui64Address |
| Read-only | no |
| Tab Panel | General IPv6 |
| Type | BOOL |

Gateway IP Address**Table 2-527 Gateway IP Address**

| Name | Value |
|----------------|----------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Gateway IP Address |
| OSS name | gwIpAddress |
| Read-only | no |
| Tab Panel | General Gateway IP Address |
| Type | INETADDR |

Hold Up Time**Table 2-528 Hold Up Time**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the time to wait for the route to accept new state of the SRRP instance which is being tracked with this address. |
| Displayed name | Hold Up Time |
| Maximum | 5000 |
| Minimum | 0 |
| OSS name | holdUpTime |
| Read-only | no |
| Tab Panel | General Properties |
| Type | LONG |
| Units | milliseconds |

IGP Inhibit**Table 2-529 IGP Inhibit**

| Name | Value |
|----------------|-----------------|
| Default | yes:false |
| Displayed name | IGP Inhibit |
| OSS name | igpInhibit |
| Read-only | no |
| Tab Panel | General Network |
| Type | BOOL |

Interface ID**Table 2-530 Interface ID**

| Name | Value |
|----------------|--------------------------|
| Default | yes:0 |
| Displayed name | Interface ID |
| OSS name | virtualRouterInterfaceId |
| Read-only | yes |
| Tab Panel | General Interface |

Table 2-530 Interface ID (continued)

| Name | Value |
|------|-------|
| Type | LONG |

Interface Name

Table 2-531 Interface Name

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | Interface Name |
| Maximum | 252 |
| OSS name | terminatedObjectName |
| Read-only | yes |
| Tab Panel | General Interface |
| Type | STRING |

IP Address

Table 2-532 IP Address

| Name | Value |
|----------------|--------------------|
| Default | no |
| Displayed name | IP Address |
| OSS name | ipAddress |
| Read-only | no |
| Tab Panel | General Properties |
| Type | INETADDR |

IP Address Preferred

Table 2-533 IP Address Preferred

| Name | Value |
|-----------------------|----------------------|
| Default | yes:false |
| Displayed name | IP Address Preferred |
| Mandatory on creation | yes |
| OSS name | ipAddrPreferred |

Table 2-533 IP Address Preferred (continued)

| Name | Value |
|-------------|--------------|
| Read-only | no |
| Tab Panel | General IPv6 |
| Type | BOOL |

IPv4 Primary**Table 2-534 IPv4 Primary**

| Name | Value |
|----------------|---------------|
| Default | yes:true |
| Displayed name | IPv4 Primary |
| OSS name | isIPv4Primary |
| Read-only | yes |
| Tab Panel | General IPv4 |
| Type | BOOL |

Operational Address**Table 2-535 Operational Address**

| Name | Value |
|----------------|----------------------|
| Displayed name | Operational Address |
| OSS name | operationalIpAddress |
| Read-only | yes |
| Tab Panel | General Properties |
| Type | INETADDR |

Populate Host Routes**Table 2-536 Populate Host Routes**

| Name | Value |
|----------------|-------------------------|
| Default | yes:false |
| Displayed name | Populate Host Routes |
| OSS name | subscrHostRoutePopulate |
| Read-only | no |

Table 2-536 Populate Host Routes (continued)

| Name | Value |
|-------------|--------------------|
| Tab Panel | General Properties |
| Type | BOOL |

Prefix Length**Table 2-537 Prefix Length**

| Name | Value |
|----------------|--------------------|
| Default | yes:24 |
| Displayed name | Prefix Length |
| Maximum | 128 |
| Minimum | 1 |
| OSS name | prefixLength |
| Read-only | no |
| Tab Panel | General Properties |
| Type | INT |

Remote IP Address**Table 2-538 Remote IP Address**

| Name | Value |
|----------------|---------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Remote IP Address |
| OSS name | remoteIpAddress |
| Read-only | no |
| Tab Panel | General Remote IP Address |
| Type | INETADDR |

Routing Instance ID**Table 2-539 Routing Instance ID**

| Name | Value |
|----------------|---------------------|
| Default | yes:1 |
| Displayed name | Routing Instance ID |

Table 2-539 Routing Instance ID (continued)

| Name | Value |
|-------------|--------------------------|
| OSS name | virtualRouterId |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | LONG |

Routing Instance Name**Table 2-540 Routing Instance Name**

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Routing Instance Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | routerName |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | STRING |

Service ID**Table 2-541 Service ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Service ID |
| OSS name | serviceId |
| Read-only | yes |
| Tab Panel | General Service |
| Type | LONG |

Service Name

Table 2-542 Service Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Service Name |
| Maximum | 64 |
| OSS name | serviceName |
| Read-only | yes |
| Tab Panel | General Service |
| Type | STRING |

Site ID

Table 2-543 Site ID

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name

Table 2-544 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

System IP**Table 2-545 System IP**

| Name | Value |
|----------------|-------------------|
| Default | yes:false |
| Displayed name | System IP |
| OSS name | isSystemIpAddress |
| Read-only | yes |
| Tab Panel | General Network |
| Type | BOOL |

Track SRRP Instance**Table 2-546 Track SRRP Instance**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the SRRP instance whose state is tracked on this ipaddress. |
| Displayed name | Track SRRP Instance |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | trackSrrpInstance |
| Read-only | no |
| Tab Panel | General Properties |
| Type | LONG |

IP Filter Entry parameters**Action****Table 2-547 Action**

| Name | Value |
|----------------|------------|
| Default | yes:Accept |
| Displayed name | Action |
| OSS name | action |
| Read-only | no |

Table 2-547 Action (continued)

| Name | Value |
|--------------------------|-----------------|
| Tab Panel | General General |
| Type | Action |
| Enumerated types: | |
| Accept | |
| Block | |
| Drop | |
| Pass | |
| Reject | |

Connection State

Table 2-548 Connection State

| Name | Value |
|--------------------------|---------------------|
| Default | yes:none |
| Displayed name | Connection State |
| OSS name | connectionState |
| Read-only | no |
| Tab Panel | General General |
| Type | ConnectionStateMask |
| Enumerated types: | |
| Established | |
| Invalid | |
| New | |
| None | |
| Related | |

Destination IP Address

Table 2-549 Destination IP Address

| Name | Value |
|----------------|------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Destination IP Address |
| OSS name | dstIpAddress |

Table 2-549 Destination IP Address (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Destination IP Mask**Table 2-550 Destination IP Mask**

| Name | Value |
|----------------|---------------------|
| Default | yes:ipAddrMask0 |
| Displayed name | Destination IP Mask |
| OSS name | dstIpAddressMask |
| Read-only | no |
| Tab Panel | General General |
| Type | acl.IpAddrMask |

Destination Port (value)**Table 2-551 Destination Port (value)**

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Destination Port (value) |
| Maximum | 95 |
| Minimum | 0 |
| OSS name | dstPort |
| Read-only | no |
| Tab Panel | General General Ports |
| Type | STRING |

Destination Port Type**Table 2-552 Destination Port Type**

| Name | Value |
|---------|---------|
| Default | yes:all |

Table 2-552 Destination Port Type (continued)

| Name | Value |
|----------------------------|-----------------------|
| Displayed name | Destination Port Type |
| OSS name | dstPortType |
| Read-only | no |
| Tab Panel | General General Ports |
| Type | PortType |
| Enumerated types: | |
| ALL | |
| Control Plane CLI over SSH | |
| Control Plane Management | |
| HTTPS | |
| MON | |
| NTP | |
| Others | |
| SSH | |
| TL1 Raw over SSH | |
| TL1 Raw Unsecure | |
| TL1 TELNET over SSH | |

Entry ID**Table 2-553 Entry ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Entry ID |
| Mandatory on creation | yes |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Filter Type**Table 2-554 Filter Type**

| Name | Value |
|----------------------------|-----------------|
| Displayed name | Filter Type |
| OSS name | filterType |
| Read-only | yes |
| Tab Panel | General General |
| Type | IpFilterType |
| Enumerated types: | |
| Control Plane CLI over SSH | |
| Control Plane LMP | |
| Control Plane Management | |
| Control Plane OSPF-TE | |
| Control Plane RSVP | |
| Debug | |
| ICMP | |
| IP Forwarding | |
| MON | |
| NTP | |
| OSPF | |
| TL1 Raw over SSH | |
| TL1 Raw Unsecure | |
| TL1 TELNET over SSH | |
| ZIC | |

Fragment**Table 2-555 Fragment**

| Name | Value |
|----------------|-----------------|
| Default | yes:all |
| Displayed name | Fragment |
| OSS name | fragment |
| Read-only | no |
| Tab Panel | General General |
| Type | FragmentType |

Table 2-555 Fragment (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| All | |
| Disabled | |
| Enabled | |

ICMP Code**Table 2-556 ICMP Code**

| Name | Value |
|----------------|-----------------|
| Default | yes:255 |
| Displayed name | ICMP Code |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | icmpCode |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

ICMP Type**Table 2-557 ICMP Type**

| Name | Value |
|----------------|-----------------|
| Default | yes:255 |
| Displayed name | ICMP Type |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | icmpType |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Incoming Interface**Table 2-558 Incoming Interface**

| Name | Value |
|--------------------------|--------------------|
| Default | yes:all |
| Displayed name | Incoming Interface |
| OSS name | incomingInt |
| Read-only | no |
| Tab Panel | General General |
| Type | InterfaceType |
| Enumerated types: | |
| All | |
| IPIPT | |
| IPIPT-ALL | |
| LAN CIT | |
| LAN OAMP | |
| NETIF | |
| NETIF-ALL | |

Incoming Interface ID**Table 2-559 Incoming Interface ID**

| Name | Value |
|----------------|-----------------------|
| Default | yes:1 |
| Displayed name | Incoming Interface ID |
| Maximum | 512 |
| Minimum | 1 |
| OSS name | incomingIntId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Insert Index

Table 2-560 Insert Index

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Insert Index |
| Maximum | 4000 |
| Minimum | 0 |
| OSS name | insertIndex |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Internet Protocol

Table 2-561 Internet Protocol

| Name | Value |
|--------------------------|-----------------------------------|
| Default | yes:ALL |
| Description | IP Protocol specified by keyword. |
| Displayed name | Internet Protocol |
| OSS name | ipProtocolKeyword |
| Read-only | no |
| Tab Panel | General General Protocol |
| Type | Protocol |
| Enumerated types: | |
| ALL | |
| GRE | |
| ICMP | |
| IGMP | |
| IPIP | |
| OSPF | |
| OSPFTE | |
| Others | |
| RSVP | |
| TCP | |
| UDP | |

Internet Protocol (value)

Table 2-562 Internet Protocol (value)

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | IP Protocol specified by explicit protocol number (0 to 255). |
| Displayed name | Internet Protocol (value) |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ipProtocol |
| Read-only | no |
| Tab Panel | General General Protocol |
| Type | INT |

Outgoing Interface

Table 2-563 Outgoing Interface

| Name | Value |
|--------------------------|--------------------|
| Default | yes:all |
| Displayed name | Outgoing Interface |
| OSS name | outgoingInt |
| Read-only | no |
| Tab Panel | General General |
| Type | InterfaceType |
| Enumerated types: | |
| All | |
| IPIPT | |
| IPIPT-ALL | |
| LAN CIT | |
| LAN OAMP | |
| NETIF | |
| NETIF-ALL | |

Outgoing Interface ID**Table 2-564 Outgoing Interface ID**

| Name | Value |
|----------------|-----------------------|
| Default | yes:1 |
| Displayed name | Outgoing Interface ID |
| Maximum | 512 |
| Minimum | 1 |
| OSS name | outgoingIntId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Source IP Address**Table 2-565 Source IP Address**

| Name | Value |
|----------------|-------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Source IP Address |
| OSS name | srcIpAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Source IP Mask**Table 2-566 Source IP Mask**

| Name | Value |
|----------------|------------------|
| Default | yes:ipAddrMask0 |
| Displayed name | Source IP Mask |
| OSS name | srcIpAddressMask |
| Read-only | no |
| Tab Panel | General General |
| Type | acl.IpAddrMask |

Source Port (value)**Table 2-567 Source Port (value)**

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Source Port (value) |
| Maximum | 95 |
| Minimum | 0 |
| OSS name | srcPort |
| Read-only | no |
| Tab Panel | General General Ports |
| Type | STRING |

Source Port Type**Table 2-568 Source Port Type**

| Name | Value |
|----------------------------|-----------------------|
| Default | yes:all |
| Displayed name | Source Port Type |
| OSS name | srcPortType |
| Read-only | no |
| Tab Panel | General General Ports |
| Type | PortType |
| Enumerated types: | |
| ALL | |
| Control Plane CLI over SSH | |
| Control Plane Management | |
| HTTPS | |
| MON | |
| NTP | |
| Others | |
| SSH | |
| TL1 Raw over SSH | |
| TL1 Raw Unsecure | |
| TL1 TELNET over SSH | |

LineReference parameters

Actual Quality Level

Table 2-569 Actual Quality Level

| Name | Value |
|--------------------------|--|
| Description | This object indicates the current value of incoming QL on that port. |
| Displayed name | Actual Quality Level |
| OSS name | actualQualityLevel |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | SystemQualityLevel |
| Enumerated types: | |
| Auto | |
| DNU | |
| DUS | |
| EEC Option 1 | |
| Not Applicable | |
| PNO | |
| PRC | |
| PRS | |
| Quality Unknown | |
| SEC | |
| SMC | |
| SSUL | |
| SSUT | |
| SSU_A | |
| SSU_B | |
| ST2 | |
| ST3 | |
| ST3E | |
| ST4 | |
| STU | |
| TNC | |
| unspecified | |

Table 2-569 Actual Quality Level (continued)

| Name | Value |
|----------|-------|
| Unstable | |

Administrative Status

Table 2-570 Administrative Status

| Name | Value |
|--------------------------|---|
| Description | The administrative state of the line reference. |
| Displayed name | Administrative Status |
| OSS name | adminStatus |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | VtsConnAdminAndOperState |
| Enumerated types: | |
| Down | |
| Up | |

Assigned Port

Table 2-571 Assigned Port

| Name | Value |
|----------------|---------------------|
| Displayed name | Assigned Port |
| OSS name | assignedPortPointer |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | POINTER |

Assigned Port

Table 2-572 Assigned Port

| Name | Value |
|----------------|--|
| Description | The assigned port for the line reference |
| Displayed name | Assigned Port |
| OSS name | assignedPort |

Table 2-572 Assigned Port (continued)

| Name | Value |
|--------------------------|---------------------|
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | SyncPort |
| Enumerated types: | |
| BITS2 | |
| C1 | |
| C10 | |
| C11 | |
| C12 | |
| C13 | |
| C14 | |
| C15 | |
| C16 | |
| C17 | |
| C18 | |
| C19 | |
| C2 | |
| C20 | |
| C21 | |
| C22 | |
| C3 | |
| C4 | |
| C5 | |
| C6 | |
| C7 | |
| C8 | |
| C9 | |
| L1 | |
| L2 | |
| M1 | |
| M2 | |
| M3 | |
| M4 | |

Table 2-572 Assigned Port (continued)

| Name | Value |
|------------|-------|
| Unassigned | |
| X1 | |
| X2 | |
| X3 | |
| X4 | |
| X5 | |
| X6 | |

Assigned Port

Table 2-573 Assigned Port

| Name | Value |
|--------------------------|--|
| Description | The associated port for the line reference |
| Displayed name | Assigned Port |
| OSS name | associatedPortForGUI |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | AssociatedPortType |
| Enumerated types: | |
| | BITS2 |
| | None |
| | P1 |
| | P2 |
| | P3 |
| | P4 |
| | P5 |
| | P6 |

Line Reference

Table 2-574 Line Reference

| Name | Value |
|-------------|--|
| Description | SAM only property ,The line reference number |

Table 2-574 Line Reference (continued)

| Name | Value |
|--------------------------|---------------------|
| Displayed name | Line Reference |
| OSS name | lineRefId |
| Read-only | yes |
| Tab Panel | General Line Timing |
| Type | SwitchLineReference |
| Enumerated types: | |
| External Line Ref 0 | |
| External Line Ref 1 | |
| Line Ref 0 | |
| Line Ref 1 | |
| Line Ref 2 | |
| Line Ref 3 | |
| Line Ref 4 | |
| Line Ref 5 | |
| Sync0/Internal | |

Lockout Status

Table 2-575 Lockout Status

| Name | Value |
|--------------------------|-----------------------------------|
| Description | If lock out line reference or not |
| Displayed name | Lockout Status |
| OSS name | lockoutStatus |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | EnableDisable |
| Enumerated types: | |
| Disable | |
| Enable | |

Operational Status

Table 2-576 Operational Status

| Name | Value |
|--------------------------|---|
| Description | The operator state of the line reference. |
| Displayed name | Operational Status |
| OSS name | operStatus |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | VtsConnAdminAndOperState |
| Enumerated types: | |
| Down | |
| Up | |

Output Timing Lockout Status

Table 2-577 Output Timing Lockout Status

| Name | Value |
|--------------------------|---|
| Description | Output timing Lockout attribute for PTPCTL Card |
| Displayed name | Output Timing Lockout Status |
| OSS name | stationLockoutStatus |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | EnableDisable |
| Enumerated types: | |
| Disable | |
| Enable | |

Output Timing Priority

Table 2-578 Output Timing Priority

| Name | Value |
|----------------|--|
| Description | Output timing Priority attribute for PTPCTL Card |
| Displayed name | Output Timing Priority |
| OSS name | stationPriority |
| Read-only | no |

Table 2-578 Output Timing Priority (continued)

| Name | Value |
|--------------------------|---------------------|
| Tab Panel | General Line Timing |
| Type | SyncPriority |
| Enumerated types: | |
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| Disabled | |

Primary State

Table 2-579 Primary State

| Name | Value |
|--|---------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | PrimaryStateType |
| Enumerated types: | |
| In Service | |
| In Service (Abnormal) | |
| In Service (Normal) | |
| Out Of Service (Autonomous and Management) | |
| Out Of Service (Autonomous) | |
| Out Of Service (Management) | |

Priority

Table 2-580 Priority

| Name | Value |
|--------------------------|--------------------------|
| Description | Line reference priority. |
| Displayed name | Priority |
| OSS name | priority |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | SyncPriority |
| Enumerated types: | |
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| Disabled | |

Provisioned Quality Level

Table 2-581 Provisioned Quality Level

| Name | Value |
|--------------------------|--|
| Description | Manually provisioned incoming SSM value for the line reference . Note: The parameter can be provisioned only when tnSyncESyncMsg and SyncELineRefIncSSMSupp are enabled. |
| Displayed name | Provisioned Quality Level |
| OSS name | lineRefProvQL |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | ProvQualityLevel |
| Enumerated types: | |
| Auto | |
| PRC | |
| PRS | |

Table 2-581 Provisioned Quality Level (continued)

| Name | Value |
|-------|-------|
| SEC | |
| SSU_A | |
| SSU_B | |
| SSU_L | |
| SSU_T | |
| ST2 | |
| ST3 | |
| ST3E | |
| STU | |
| TNC | |

QL Processing

Table 2-582 QL Processing

| Name | Value |
|--------------------------|--|
| Default | yes:disable |
| Description | Enable or disable the line reference incoming QL processing. Note: The parameter can be provisioned only when tnSyncESyncMsg is enabled. |
| Displayed name | QL Processing |
| OSS name | qlProcessing |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | EnableDisable |
| Enumerated types: | |
| | Disable |
| | Enable |

Signal Status

Table 2-583 Signal Status

| Name | Value |
|----------------|----------------------------------|
| Description | The Sync-E line reference state. |
| Displayed name | Signal Status |

Table 2-583 Signal Status (continued)

| Name | Value |
|--------------------------|---------------------|
| OSS name | signalStatus |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | SignalStatusTypes |
| Enumerated types: | |
| Deleted | |
| Failure | |
| Normal | |
| Not Assigned | |
| Out of Frequency Range | |
| SF | |
| Unassigned | |
| WTR | |

SSM Status

Table 2-584 SSM Status

| Name | Value |
|--------------------------|--|
| Description | The current status of incoming QL on that port |
| Displayed name | SSM Status |
| OSS name | lineRefIncSSMStatus |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | SSMStatus |
| Enumerated types: | |
| Invalid | |
| Not Applicable | |
| Not Supported | |
| Valid | |

Multipoint Service Path parameters

ID

Table 2-585 ID

| Name | Value |
|-----------------------|-------------------------------|
| Default | yes:0 |
| Description | Unique id for the Connection. |
| Displayed name | ID |
| Mandatory on creation | yes |
| OSS name | connId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Service Component ID

Table 2-586 Service Component ID

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The id of the transport service to which this service path is associated with. |
| Displayed name | Service Component ID |
| OSS name | svcComponentId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Service Path Mode

Table 2-587 Service Path Mode

| Name | Value |
|-----------------------|---|
| Description | The protection state of the connection. |
| Displayed name | Service Path Mode |
| Mandatory on creation | yes |
| OSS name | protectionState |
| Read-only | no |

Table 2-587 Service Path Mode (continued)

| Name | Value |
|--------------------------|-----------------|
| Tab Panel | General General |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Multipoint Transport Service parameters

A to Z

Table 2-588 A to Z

| Name | Value |
|--------------------------|---|
| Description | Indicates which service path is the active one in the AZ direction. |
| Displayed name | A to Z |
| OSS name | activePathAZ |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | TransportServiceMode |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Administrative State

Table 2-589 Administrative State

| Name | Value |
|----------------|---|
| Default | yes:up |
| Description | The administrative state of the service . |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | ServiceState |

Administrative State

Table 2-590 Administrative State

| Name | Value |
|----------------|---|
| Default | yes:up |
| Description | The administrative state of the service . |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | ServiceState |

Aggregated Service Site Operational State

Table 2-591 Aggregated Service Site Operational State

| Name | Value |
|----------------|--|
| Default | yes:up |
| Description | The operational status of this service site. |
| Displayed name | Aggregated Service Site Operational State |
| OSS name | aggrOperationalState |
| Read-only | yes |
| Tab Panel | General General |
| Type | AggrOperState |

APS Direction**Table 2-592 APS Direction**

| Name | Value |
|--------------------------|--|
| Default | yes:unspecified |
| Description | Indicates the protection direction of the APS Group to be provisioned as part of the ESNCP-protected service |
| Displayed name | APS Direction |
| OSS name | apsDirection |
| Read-only | no |
| Tab Panel | General APS Group |
| Type | ApsDirection |
| Enumerated types: | |
| Bidirectional | |
| Unidirectional | |

APS Direction**Table 2-593 APS Direction**

| Name | Value |
|--------------------------|---|
| Default | yes:unidirectional |
| Description | Duplicated from ApsGroup. Applicable only for y-cable protected service in creation mode. |
| Displayed name | APS Direction |
| OSS name | apsDirection |
| Read-only | no |
| Tab Panel | General YCable APS Group |
| Type | ApsDirection |
| Enumerated types: | |
| Bidirectional | |
| Unidirectional | |

Ason Domain**Table 2-594 Ason Domain**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 2-594 Ason Domain (continued)

| Name | Value |
|-----------------------|--|
| Description | Applies to the control plane segment only. |
| Displayed name | Ason Domain |
| Mandatory on creation | yes |
| OSS name | asonDomainPointer |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | POINTER |

CE-VLANID

Table 2-595 CE-VLANID

| Name | Value |
|----------------|---|
| Description | Represents the CE VLANID of the vts map |
| Displayed name | CE-VLANID |
| OSS name | vtsMapCEVLANID |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | STRING |

CE-VLANID - AZ

Table 2-596 CE-VLANID - AZ

| Name | Value |
|----------------|---|
| Description | Represents the ingress CE VLANID of the vts map |
| Displayed name | CE-VLANID - AZ |
| OSS name | vtsMapIngressCEVLANID |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | STRING |

CE-VLANID - ZA**Table 2-597 CE-VLANID - ZA**

| Name | Value |
|----------------|--|
| Description | Represents the egress CE VLANID of the vts map |
| Displayed name | CE-VLANID - ZA |
| OSS name | vtsMapEgressCEVLANID |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | STRING |

Committed Burst Size - AZ (Kbytes)**Table 2-598 Committed Burst Size - AZ (Kbytes)**

| Name | Value |
|--------------------------|---|
| Default | yes:256 |
| Description | Represents the minimum committed burst rate that the service supports on the AZ direction |
| Displayed name | Committed Burst Size - AZ (Kbytes) |
| OSS name | vtsCommittedBurstRate |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CbsAndEbsRate |
| Enumerated types: | |
| | 1024 |
| | 128 |
| | 16 |
| | 16384 |
| | 2048 |
| | 256 |
| | 32 |
| | 4096 |
| | 512 |
| | 64 |
| | 8192 |

Committed Burst Size - ZA (Kbytes)

Table 2-599 Committed Burst Size - ZA (Kbytes)

| Name | Value |
|--------------------------|---|
| Default | yes:256 |
| Description | Represents the minimum committed burst rate that the service supports on the ZA direction |
| Displayed name | Committed Burst Size - ZA (Kbytes) |
| OSS name | vtsCommittedBurstRateZA |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CbsAndEbsRate |
| Enumerated types: | |
| | 1024 |
| | 128 |
| | 16 |
| | 16384 |
| | 2048 |
| | 256 |
| | 32 |
| | 4096 |
| | 512 |
| | 64 |
| | 8192 |

Committed Info Rate - AZ (Mbps)

Table 2-600 Committed Info Rate - AZ (Mbps)

| Name | Value |
|----------------|---|
| Default | yes:100 |
| Description | Represents the minimum committed information rate that the service supports on the AZ direction |
| Displayed name | Committed Info Rate - AZ (Mbps) |
| OSS name | vtsCommittedInfoRate |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CirAndEirRate |

Table 2-600 Committed Info Rate - AZ (Mbps) (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 1000 | |
| 10000 | |
| 15 | |
| 150 | |
| 1500 | |
| 2 | |
| 20 | |
| 200 | |
| 2000 | |
| 25 | |
| 250 | |
| 2500 | |
| 3 | |
| 30 | |
| 300 | |
| 3000 | |
| 35 | |
| 350 | |
| 3500 | |
| 4 | |
| 40 | |
| 400 | |
| 4000 | |
| 45 | |
| 450 | |
| 4500 | |
| 5 | |
| 50 | |

Table 2-600 Committed Info Rate - AZ (Mbps) (continued)

| Name | Value |
|------|-------|
| 500 | |
| 5000 | |
| 55 | |
| 550 | |
| 5500 | |
| 6 | |
| 60 | |
| 600 | |
| 6000 | |
| 65 | |
| 650 | |
| 6500 | |
| 7 | |
| 70 | |
| 700 | |
| 7000 | |
| 75 | |
| 750 | |
| 7500 | |
| 8 | |
| 80 | |
| 800 | |
| 8000 | |
| 85 | |
| 850 | |
| 8500 | |
| 9 | |
| 90 | |
| 900 | |
| 9000 | |
| 95 | |
| 950 | |
| 9500 | |

Committed Info Rate - ZA (Mbps)

Table 2-601 Committed Info Rate - ZA (Mbps)

| Name | Value |
|--------------------------|---|
| Default | yes:100 |
| Description | Represents the minimum committed information rate that the service supports on the ZA direction |
| Displayed name | Committed Info Rate - ZA (Mbps) |
| OSS name | vtsCommittedInfoRateZA |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CirAndEirRate |
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 1000 | |
| 10000 | |
| 15 | |
| 150 | |
| 1500 | |
| 2 | |
| 20 | |
| 200 | |
| 2000 | |
| 25 | |
| 250 | |
| 2500 | |
| 3 | |
| 30 | |
| 300 | |
| 3000 | |
| 35 | |
| 350 | |
| 3500 | |

Table 2-601 Committed Info Rate - ZA (Mbps) (continued)

| Name | Value |
|------|-------|
| 4 | |
| 40 | |
| 400 | |
| 4000 | |
| 45 | |
| 450 | |
| 4500 | |
| 5 | |
| 50 | |
| 500 | |
| 5000 | |
| 55 | |
| 550 | |
| 5500 | |
| 6 | |
| 60 | |
| 600 | |
| 6000 | |
| 65 | |
| 650 | |
| 6500 | |
| 7 | |
| 70 | |
| 700 | |
| 7000 | |
| 75 | |
| 750 | |
| 7500 | |
| 8 | |
| 80 | |
| 800 | |
| 8000 | |
| 85 | |

Table 2-601 Committed Info Rate - ZA (Mbps) (continued)

| Name | Value |
|------|-------|
| 850 | |
| 8500 | |
| 9 | |
| 90 | |
| 900 | |
| 9000 | |
| 95 | |
| 950 | |
| 9500 | |

Composite ID

Table 2-602 Composite ID

| Name | Value |
|----------------|-----------------|
| Displayed name | Composite ID |
| OSS name | compositeSvcId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Composite Service

Table 2-603 Composite Service

| Name | Value |
|----------------|---------------------|
| Displayed name | Composite Service |
| OSS name | compositeSvcPointer |
| Read-only | yes |
| Tab Panel | General General |
| Type | POINTER |

Contains Dynamically Created Sites

Table 2-604 Contains Dynamically Created Sites

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates whether this service contains sites created by a dynamic service policy. |
| Displayed name | Contains Dynamically Created Sites |
| OSS name | containsDynamicSites |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Customer

Table 2-605 Customer

| Name | Value |
|-----------------------|-------------------|
| Displayed name | Customer |
| Mandatory on creation | yes |
| OSS name | subscriberPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Customer ID

Table 2-606 Customer ID

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Customer ID |
| OSS name | subscriberId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Customer Name**Table 2-607 Customer Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 252 |
| OSS name | customerName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Description**Table 2-608 Description**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Direction**Table 2-609 Direction**

| Name | Value |
|----------------|--|
| Default | yes:bi |
| Description | Indicates if the service is Uni or Bi Directional. |
| Displayed name | Direction |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General General |
| Type | ServiceDirection |

Table 2-609 Direction (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Bidirectional | |
| Unidirectional | |

Enable Application Performance Reporting

Table 2-610 Enable Application Performance Reporting

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | 5670 RAM property to enable Application Performance reporting. |
| Displayed name | Enable Application Performance Reporting |
| OSS name | enableAppPerfReporting |
| Read-only | no |
| Tab Panel | Application Assurance.5670 RAM Parameters.General General |
| Type | BOOL |

Force Create OCh XC

Table 2-611 Force Create OCh XC

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Indicates whether the OCh xc should be created by force when power commissioning provisioning state is "InProgress" |
| Displayed name | Force Create OCh XC |
| OSS name | forceXcCreate |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Holding Priority**Table 2-612 Holding Priority**

| Name | Value |
|----------------|---|
| Default | yes:5 |
| Description | Applies to the control plane segment only. Priority used in restoration (holding priority)? TODO: rename if it is the case |
| Displayed name | Holding Priority |
| Maximum | 5 |
| Minimum | 1 |
| OSS name | holdingPriority |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | INT |

Inconsistency**Table 2-613 Inconsistency**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Description | Discrepancy. |
| Displayed name | Inconsistency |
| OSS name | discrepancy |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Inconsistent**Table 2-614 Inconsistent**

| Name | Value |
|----------------|-------------------|
| Default | yes:false |
| Description | Discrepancy Flag. |
| Displayed name | Inconsistent |
| OSS name | discrepancyFlag |
| Read-only | no |

Table 2-614 Inconsistent (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | BOOL |

Is SubGige Full Rate Service**Table 2-615 Is SubGige Full Rate Service**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether the transport service is QinQ Service with Port Mode [Indicate if the service to be created is a Full Rate Service under subgige rate for QinQ mode] |
| Displayed name | Is SubGige Full Rate Service |
| OSS name | isQinQFullRateService |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | BOOL |

Is SubGige Service QinQ**Table 2-616 Is SubGige Service QinQ**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicate if the service to be created is a qinq service under subgige rate |
| Displayed name | Is SubGige Service QinQ |
| OSS name | isQinQService |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | BOOL |

Is SVLAN Push-Pop/Keep Capable QinQ Service**Table 2-617 Is SVLAN Push-Pop/Keep Capable QinQ Service**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 2-617 Is SVLAN Push-Pop/Keep Capable QinQ Service (continued)

| Name | Value |
|----------------|---|
| Description | Indicates if SVLAN ID Push Pop Keep feature is applicable for this SubGige QinQ Service |
| Displayed name | Is SVLAN Push-Pop/Keep Capable QinQ Service |
| OSS name | isApplicableSVLANPushPop |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | BOOL |

Is Untagged Traffic Supported**Table 2-618 Is Untagged Traffic Supported**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | If Untagged Traffic Supported.Specifies whether the transport service is carrying untagged traffic. |
| Displayed name | Is Untagged Traffic Supported |
| OSS name | isUntaggedTrafficSupported |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | BOOL |

Link Group ID**Table 2-619 Link Group ID**

| Name | Value |
|--------------------------|------------------------------------|
| Default | yes:notApplicable |
| Description | > Specifies the port ISL group Id. |
| Displayed name | Link Group ID |
| OSS name | islGroupId |
| Read-only | no |
| Tab Panel | General General |
| Type | ISLGroupIdType |
| Enumerated types: | |
| 1 | |

Table 2-619 Link Group ID (continued)

| Name | Value |
|----------------|-------|
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| Not Applicable | |

Managed

Table 2-620 Managed

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | If true, sites cannot be modified, only 'complete service' can be done. |
| Displayed name | Managed |
| OSS name | isServicePathCreated |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Modified for Throughput Test

Table 2-621 Modified for Throughput Test

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Indicates whether this service is modified for the service throughput test. |
| Displayed name | Modified for Throughput Test |
| OSS name | mfThroughputTest |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Number Of IP Detail Addresses**Table 2-622 Number Of IP Detail Addresses**

| Name | Value |
|----------------|---|
| Default | yes:10 |
| Description | 5670 RAM property for the number of addresses that require IP Detail reporting. |
| Displayed name | Number Of IP Detail Addresses |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | ipDetailCount |
| Read-only | no |
| Tab Panel | Application Assurance.5670 RAM Parameters.General General |
| Type | INT |

Number Of Sites**Table 2-623 Number Of Sites**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Number Of Sites |
| OSS name | numberOfSites |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Operational State**Table 2-624 Operational State**

| Name | Value |
|----------------|--|
| Default | yes:portOutOfService |
| Description | Operational State is built depending on the OT port oper states and XC oper state of Working Path. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |

Table 2-624 Operational State (continued)

| Name | Value |
|------|----------------------------|
| Type | equipment.OperationalState |

Path Preference

Table 2-625 Path Preference

| Name | Value |
|-------------------------------------|---|
| Default | yes:working |
| Description | Indicates whether the working path or the protection path needs to be retained when Service protection is modified to unprotected |
| Displayed name | Path Preference |
| OSS name | modifyProtectionPreference |
| Read-only | no |
| Tab Panel | General General |
| Type | ModifyProtectionPreference |
| Enumerated types: | |
| None | |
| Retain Path A1Z1 | |
| Retain Path A1Z2 | |
| Retain Path A2Z1 | |
| Retain Path A2Z2 | |
| Retain Protection Path | |
| Retain Termination Points A1 and Z1 | |
| Retain Termination Points A1 and Z2 | |
| Retain Termination Points A2 and Z1 | |
| Retain Termination Points A2 and Z2 | |
| Retain Working Path | |

Path Search Option

Table 2-626 Path Search Option

| Name | Value |
|-------------|---|
| Default | yes:system |
| Description | Specifies if routing path should be Auto-picked or User Defined. In case of User Defined, complete route needs to be defined by User via constraints. |

Table 2-626 Path Search Option (continued)

| Name | Value |
|--------------------------|--------------------|
| Displayed name | Path Search Option |
| OSS name | pathSearchOption |
| Read-only | no |
| Tab Panel | General General |
| Type | PathSearchType |
| Enumerated types: | |
| GMRE Defined | |
| Interactive Mode | |
| System Defined | |
| User Defined | |

Peak Burst Size - AZ (Kbytes)**Table 2-627 Peak Burst Size - AZ (Kbytes)**

| Name | Value |
|--------------------------|--|
| Default | yes:4096 |
| Description | Represents the minimum excess burst rate that the service supports on the AZ direction |
| Displayed name | Peak Burst Size - AZ (Kbytes) |
| OSS name | vtsExcessBurstRate |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CbsAndEbsRate |
| Enumerated types: | |
| 1024 | |
| 128 | |
| 16 | |
| 16384 | |
| 2048 | |
| 256 | |
| 32 | |
| 4096 | |
| 512 | |
| 64 | |

Table 2-627 Peak Burst Size - AZ (Kbytes) (continued)

| Name | Value |
|------|-------|
| 8192 | |

Peak Burst Size - ZA (Kbytes)

Table 2-628 Peak Burst Size - ZA (Kbytes)

| Name | Value |
|--------------------------|--|
| Default | yes:4096 |
| Description | Represents the minimum excess burst rate that the service supports on the ZA direction |
| Displayed name | Peak Burst Size - ZA (Kbytes) |
| OSS name | vtsExcessBurstRateZA |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CbsAndEbsRate |
| Enumerated types: | |
| 1024 | |
| 128 | |
| 16 | |
| 16384 | |
| 2048 | |
| 256 | |
| 32 | |
| 4096 | |
| 512 | |
| 64 | |
| 8192 | |

Peak Info Rate - AZ (Mbps)

Table 2-629 Peak Info Rate - AZ (Mbps)

| Name | Value |
|-------------|--|
| Default | yes:100 |
| Description | Represents the minimum excess information rate that the service supports on the AZ direction |

Table 2-629 Peak Info Rate - AZ (Mbps) (continued)

| Name | Value |
|--------------------------|------------------------------------|
| Displayed name | Peak Info Rate - AZ (Mbps) |
| OSS name | vtsExcessInfoRate |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CirAndEirRate |
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 1000 | |
| 10000 | |
| 15 | |
| 150 | |
| 1500 | |
| 2 | |
| 20 | |
| 200 | |
| 2000 | |
| 25 | |
| 250 | |
| 2500 | |
| 3 | |
| 30 | |
| 300 | |
| 3000 | |
| 35 | |
| 350 | |
| 3500 | |
| 4 | |
| 40 | |
| 400 | |
| 4000 | |

Table 2-629 Peak Info Rate - AZ (Mbps) (continued)

| Name | Value |
|------|-------|
| 45 | |
| 450 | |
| 4500 | |
| 5 | |
| 50 | |
| 500 | |
| 5000 | |
| 55 | |
| 550 | |
| 5500 | |
| 6 | |
| 60 | |
| 600 | |
| 6000 | |
| 65 | |
| 650 | |
| 6500 | |
| 7 | |
| 70 | |
| 700 | |
| 7000 | |
| 75 | |
| 750 | |
| 7500 | |
| 8 | |
| 80 | |
| 800 | |
| 8000 | |
| 85 | |
| 850 | |
| 8500 | |
| 9 | |
| 90 | |

Table 2-629 Peak Info Rate - AZ (Mbps) (continued)

| Name | Value |
|------|-------|
| 900 | |
| 9000 | |
| 95 | |
| 950 | |
| 9500 | |

Peak Info Rate - ZA (Mbps)

Table 2-630 Peak Info Rate - ZA (Mbps)

| Name | Value |
|--------------------------|--|
| Default | yes:100 |
| Description | Represents the minimum excess information rate that the service supports on the ZA direction |
| Displayed name | Peak Info Rate - ZA (Mbps) |
| OSS name | vtsExcessInfoRateZA |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CirAndEirRate |
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 1000 | |
| 10000 | |
| 15 | |
| 150 | |
| 1500 | |
| 2 | |
| 20 | |
| 200 | |
| 2000 | |
| 25 | |

Table 2-630 Peak Info Rate - ZA (Mbps) (continued)

| Name | Value |
|------|-------|
| 250 | |
| 2500 | |
| 3 | |
| 30 | |
| 300 | |
| 3000 | |
| 35 | |
| 350 | |
| 3500 | |
| 4 | |
| 40 | |
| 400 | |
| 4000 | |
| 45 | |
| 450 | |
| 4500 | |
| 5 | |
| 50 | |
| 500 | |
| 5000 | |
| 55 | |
| 550 | |
| 5500 | |
| 6 | |
| 60 | |
| 600 | |
| 6000 | |
| 65 | |
| 650 | |
| 6500 | |
| 7 | |
| 70 | |
| 700 | |

Table 2-630 Peak Info Rate - ZA (Mbps) (continued)

| Name | Value |
|------|-------|
| 7000 | |
| 75 | |
| 750 | |
| 7500 | |
| 8 | |
| 80 | |
| 800 | |
| 8000 | |
| 85 | |
| 850 | |
| 8500 | |
| 9 | |
| 90 | |
| 900 | |
| 9000 | |
| 95 | |
| 950 | |
| 9500 | |

Plane Type

Table 2-631 Plane Type

| Name | Value |
|-----------------------|---|
| Default | yes:MP |
| Description | - Management plane, control plane or mixed. |
| Displayed name | Plane Type |
| Mandatory on creation | yes |
| OSS name | managementDomains |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.MgmtAccessDomains |

Protection Level

Table 2-632 Protection Level

| Name | Value |
|--------------------------|--|
| Default | yes:unprotected |
| Description | The calculated protection based on the underlying server otn layers. |
| Displayed name | Protection Level |
| Mandatory on creation | yes |
| OSS name | protectionLevel |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionLevel |
| Enumerated types: | |
| | Protected |
| | Segment Protected |
| | Unprotected |

Protection Path Service

Table 2-633 Protection Path Service

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | Needs to be set , while creating a diverse routed service, using two existing unprotected services. |
| Displayed name | Protection Path Service |
| Mandatory on creation | yes |
| OSS name | diverseProtectionService |
| Read-only | no |
| Tab Panel | General Diverse Route Details |
| Type | POINTER |

Protection Type

Table 2-634 Protection Type

| Name | Value |
|---------|-----------------|
| Default | yes:unprotected |

Table 2-634 Protection Type (continued)

| Name | Value |
|--------------------------|--------------------------------|
| Description | Protection Type of the Service |
| Displayed name | Protection Type |
| OSS name | protection |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionType |
| Enumerated types: | |
| Client Protected | |
| Diverse Route | |
| ESNCP Protected | |
| OPS Protected | |
| Segment Protected | |
| Unprotected | |
| Y-Cable Protected | |

QinQ Service Stack-VLAN Tagging Configuration

Table 2-635 QinQ Service Stack-VLAN Tagging Configuration

| Name | Value |
|--------------------------|---|
| Default | yes:PushPop |
| Description | Indicates QinQ Service Stack-VLAN Tagging Configuration. Specifies the type of Stack-VLAN configuration : Push-Pop or Keep. |
| Displayed name | QinQ Service Stack-VLAN Tagging Configuration |
| OSS name | svlanTaggingConfiguration |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | SVLANTaggingConfiguration |
| Enumerated types: | |
| Keep | |
| Push-Pop | |

Rate

Table 2-636 Rate

| Name | Value |
|--------------------------|--|
| Default | yes:unspecified |
| Description | Service Rate - Indicates the rate of the termination points. |
| Displayed name | Rate |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | AssignedRate |
| Enumerated types: | |
| 100GbE LAN | |
| 10GbE LAN | |
| 1GbE | |
| 3GSDI | |
| 40GbE LAN | |
| 40GbE MLD LAN | |
| BITS | |
| CBR10G | |
| CBR10G3 | |
| CBR2G5 | |
| DCN | |
| DDR | |
| Default | |
| DVBASI | |
| DVI 6000 | |
| E1 | |
| ESCON | |
| FC100 | |
| FC1200 | |
| FC1600 | |
| FC200 | |
| FC400 | |
| FC800 | |
| FDDI | |

Table 2-636 Rate (continued)

| Name | Value |
|-------------------|-------|
| FE | |
| HSDSI | |
| N/A | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex-3GSDI | |
| ODUFlex-40GBE MLD | |
| ODUFlex-CBR | |
| ODUFlex-DDR | |
| ODUFlex-FC1200 | |
| ODUFlex-FC1600 | |
| ODUFlex-FC400 | |
| ODUFlex-FC800 | |
| ODUFlex-GFP | |
| OMS | |
| ONETRU | |
| OPTSG | |
| OS | |

Table 2-636 Rate (continued)

| Name | Value |
|------------|-------|
| OTL4.4 | |
| OTS | |
| OTU1 | |
| OTU1f | |
| OTU2 | |
| OTU2e | |
| OTU3 | |
| OTU3e2 | |
| OTU4 | |
| OTU4x2 | |
| SDR | |
| SDSDI | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| SubGigE | |
| TOD | |
| Unassigned | |
| Unknown | |

Report Customer Name

Table 2-637 Report Customer Name

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Customer name to be used for 5670 RAM reports. |
| Displayed name | Report Customer Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | reportCustName |
| Read-only | no |

Table 2-637 Report Customer Name (continued)

| Name | Value |
|-------------|---|
| Tab Panel | Application Assurance.5670 RAM Parameters.General General |
| Type | STRING |

Restoration Method**Table 2-638 Restoration Method**

| Name | Value |
|-----------------------|---|
| Default | yes:unprotected |
| Description | Applies to the control plane segment only. - Permanent connections support unprotected and snep values. - Soft permanent connections support all values. - Switched connections support all values. See common behavior shell for supported restoration types (depends on connectionSetupType and protection type). |
| Displayed name | Restoration Method |
| Mandatory on creation | yes |
| OSS name | restorationMethod |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | gmpls.RestorationMethodType |

Reversion Mode**Table 2-639 Reversion Mode**

| Name | Value |
|----------------|--|
| Default | yes>manual |
| Description | Applies to the control plane segment only. |
| Displayed name | Reversion Mode |
| OSS name | reversionType |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | gmpls.ReversionType |

Revert Mode

Table 2-640 Revert Mode

| Name | Value |
|--------------------------|---|
| Default | yes:unspecified |
| Description | Indicates whether revertive or non-revertive APS Group is to be provisioned as part of the ESNCP-protected service. |
| Displayed name | Revert Mode |
| OSS name | revertMode |
| Read-only | no |
| Tab Panel | General APS Group |
| Type | ApsRevertMode |
| Enumerated types: | |
| Non Revertive | |
| Revertive | |

Revert Mode

Table 2-641 Revert Mode

| Name | Value |
|--------------------------|--|
| Default | yes:nonrevertive |
| Description | Duplicated from ApsGroup. Applicable only for y-cable protected service in creation mode. Specifies the Reversion mode of the Transport Service. |
| Displayed name | Revert Mode |
| OSS name | revertMode |
| Read-only | no |
| Tab Panel | General YCable APS Group |
| Type | ApsRevertMode |
| Enumerated types: | |
| Non Revertive | |
| Revertive | |

Service Deployment Mode**Table 2-642 Service Deployment Mode**

| Name | Value |
|--------------------------|---|
| Default | yes:deploy |
| Description | Indicates if the TransportService is created in Preview (or) Deploy Mode. |
| Displayed name | Service Deployment Mode |
| OSS name | connectionMode |
| Read-only | no |
| Tab Panel | General General |
| Type | ConnectionMode |
| Enumerated types: | |
| Deploy | |
| Failed | |
| Preview | |
| Unknown | |

Service ID**Table 2-643 Service ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Service ID |
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | serviceId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Service Name**Table 2-644 Service Name**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 2-644 Service Name (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Service Name |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Service Priority

Table 2-645 Service Priority

| Name | Value |
|----------------|------------------------------|
| Default | yes:low |
| Description | The priority of the service. |
| Displayed name | Service Priority |
| OSS name | svcPriority |
| Read-only | no |
| Tab Panel | General General |
| Type | security.PriorityType |

Service Tier

Table 2-646 Service Tier

| Name | Value |
|----------------|-----------------|
| Default | yes:1 |
| Displayed name | Service Tier |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | tier |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Service Type**Table 2-647 Service Type**

| Name | Value |
|----------------|-----------------|
| Displayed name | Service Type |
| OSS name | className |
| Read-only | no |
| Tab Panel | General General |

Service Type**Table 2-648 Service Type**

| Name | Value |
|--------------------------|--|
| Default | yes:unspecified |
| Description | Service type - Indicates the type of optical transport service, e.g. Multicast, Drop and Continue. |
| Displayed name | Service Type |
| OSS name | svcType |
| Read-only | no |
| Tab Panel | General General |
| Type | ServiceType |
| Enumerated types: | |
| Drop and Continue | |
| Multicast | |

Setup Priority**Table 2-649 Setup Priority**

| Name | Value |
|----------------|---|
| Default | yes:5 |
| Description | Applies to the control plane segment only. Setup priority determines whether this ODU connection might preempt existing connections during setup. |
| Displayed name | Setup Priority |
| Maximum | 5 |
| Minimum | 1 |
| OSS name | setupPriority |

Table 2-649 Setup Priority (continued)

| Name | Value |
|-------------|-----------------------|
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | INT |

Stack-VLANID - AZ**Table 2-650 Stack-VLANID - AZ**

| Name | Value |
|----------------|--|
| Default | yes:10 |
| Description | Represents the egress S VLANID of the vts map in qinq mode |
| Displayed name | Stack-VLANID - AZ |
| Maximum | 4095 |
| Minimum | 1 |
| OSS name | vtsMapEgressSVLANID |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | LONG |

Stack-VLANID - ZA**Table 2-651 Stack-VLANID - ZA**

| Name | Value |
|----------------|---|
| Default | yes:10 |
| Description | Represents the ingress S VLANID of the vts map in qinq mode |
| Displayed name | Stack-VLANID - ZA |
| Maximum | 4095 |
| Minimum | 1 |
| OSS name | vtsMapIngressSVLANID |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | LONG |

State Cause**Table 2-652 State Cause**

| Name | Value |
|----------------|--|
| Description | Specifies all the conditions that affect the operating status of this service. |
| Displayed name | State Cause |
| OSS name | operationalFlags |
| Read-only | yes |
| Tab Panel | General General |
| Type | OperFlags |

SVC Mgr Service ID**Table 2-653 SVC Mgr Service ID**

| Name | Value |
|-----------------------|--------------------|
| Default | yes:0 |
| Displayed name | SVC Mgr Service ID |
| Mandatory on creation | yes |
| Maximum | 1000000999999 |
| Minimum | 1 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Template**Table 2-654 Template**

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | Template |
| Mandatory on creation | yes |
| OSS name | templatePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Test Suite Count

Table 2-655 Test Suite Count

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Test Suite Count |
| Minimum | 0 |
| OSS name | sasTestSuiteCount |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Use Existing Unprotected Services

Table 2-656 Use Existing Unprotected Services

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Set to 'true', while creating a diverse routed service, using two existing unprotected services. |
| Displayed name | Use Existing Unprotected Services |
| OSS name | isCreateDiverseFromExisting |
| Read-only | no |
| Tab Panel | General Diverse Route Details |
| Type | BOOL |

Wait For Server Restoration

Table 2-657 Wait For Server Restoration

| Name | Value |
|----------------|-----------------------------|
| Default | yes:true |
| Displayed name | Wait For Server Restoration |
| OSS name | waitForServerRestoration |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | BOOL |

Wait To Restore**Table 2-658 Wait To Restore**

| Name | Value |
|----------------|--|
| Default | yes:5 |
| Description | Duplicated from ApsGroup. Applicable only for y-cable protected service in creation/edit mode. |
| Displayed name | Wait To Restore |
| Maximum | 20 |
| Minimum | 1 |
| OSS name | waitToRestore |
| Read-only | no |
| Tab Panel | General YCable APS Group |
| Type | INT |
| Units | minutes |

Wave Key Assign Mode**Table 2-659 Wave Key Assign Mode**

| Name | Value |
|--------------------------|--|
| Default | yes:auto |
| Description | Indicates the wavekey generation mode for the service. |
| Displayed name | Wave Key Assign Mode |
| OSS name | wavekeyAssignMode |
| Read-only | no |
| Tab Panel | General General |
| Type | WavekeySelect |
| Enumerated types: | |
| Auto Keying (NE) | |
| Auto Keying (NMS) | |
| Unkeyed | |

Working Path Service

Table 2-660 Working Path Service

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | Needs to be set , while creating a diverse routed service, using two existing unprotected services. |
| Displayed name | Working Path Service |
| Mandatory on creation | yes |
| OSS name | diverseWorkingService |
| Read-only | no |
| Tab Panel | General Diverse Route Details |
| Type | POINTER |

Z to A

Table 2-661 Z to A

| Name | Value |
|--------------------------|---|
| Description | Indicates which service path is the active one in the ZA direction. |
| Displayed name | Z to A |
| OSS name | activePathZA |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | TransportServiceMode |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

NE Specifics parameters

Aging Grace Period

Table 2-662 Aging Grace Period

| Name | Value |
|----------------|--|
| Description | Password aging grace threshold in days. 0 mean no limit in grace period. |
| Displayed name | Aging Grace Period |
| Maximum | 999 |
| Minimum | 0 |
| OSS name | passwdAgingGraceInterval |
| Read-only | no |
| Tab Panel | General Password Settings |
| Type | INT |
| Units | days |

Aging Interval

Table 2-663 Aging Interval

| Name | Value |
|----------------|---|
| Description | Minimum interval between invalid login attempts, in seconds. 0 indicates that user account is disabled. |
| Displayed name | Aging Interval |
| Maximum | 999 |
| Minimum | 0 |
| OSS name | passwdAging |
| Read-only | no |
| Tab Panel | General Password Settings |
| Type | INT |
| Units | days |

AINS Timer

Table 2-664 AINS Timer

| Name | Value |
|-------------|---|
| Description | This attribute must be set in multiples of 60s. Current configurable range: 1m to 96h 0m. |

Table 2-664 AINS Timer (continued)

| Name | Value |
|----------------|--------------------|
| Displayed name | AINS Timer |
| Maximum | 345600 |
| Minimum | 60 |
| OSS name | ainsTimer |
| Read-only | no |
| Step | 60 |
| Tab Panel | General NE Details |
| Type | INT |
| Units | seconds |

Allowed Logins After Password Expiration

Table 2-665 Allowed Logins After Password Expiration

| Name | Value |
|----------------|--|
| Description | Password aging grace logins threshold in number of times allowed. 0 means no limit on the number of logins after password has expired. |
| Displayed name | Allowed Logins After Password Expiration |
| Maximum | 999 |
| Minimum | 0 |
| OSS name | passwdAgingGraceLogins |
| Read-only | no |
| Tab Panel | General Access Settings |
| Type | INT |

Altitude

Table 2-666 Altitude

| Name | Value |
|----------------|----------|
| Displayed name | Altitude |
| Maximum | 8 |
| Minimum | 0 |
| OSS name | altitude |
| Read-only | no |

Table 2-666 Altitude (continued)

| Name | Value |
|-------------|--------------------|
| Tab Panel | General NE Details |
| Type | INT |

Altitude

Table 2-667 Altitude

| Name | Value |
|----------------|----------------------------------|
| Displayed name | Altitude |
| OSS name | stdByAltitude |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | INT |

AUND Default Setting

Table 2-668 AUND Default Setting

| Name | Value |
|--------------------------|-------------------------------|
| Displayed name | AUND Default Setting |
| OSS name | aundDefaultAsap |
| Read-only | no |
| Tab Panel | General Default ASAP Settings |
| Type | DefaultAsapType |
| Enumerated types: | |
| ALL | |
| ASAP Default | |
| FERF AIS | |
| None | |
| Not Primary | |
| System Default | |

Compound Node Name

Table 2-669 Compound Node Name

| Name | Value |
|----------------|-------------------------|
| Default | yes: |
| Description | The compound node name. |
| Displayed name | Compound Node Name |
| Maximum | 25 |
| OSS name | compoundNodeName |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | STRING |

Contact

Table 2-670 Contact

| Name | Value |
|----------------|--------------------|
| Default | yes: |
| Description | Contact |
| Displayed name | Contact |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | contact |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | STRING |

Controller Programmed Capacity

Table 2-671 Controller Programmed Capacity

| Name | Value |
|-----------------------|--------------------------------|
| Description | Equipment Controller Capacity. |
| Displayed name | Controller Programmed Capacity |
| Mandatory on creation | no |
| OSS name | equipmentControllerCapacity |
| Read-only | no |

Table 2-671 Controller Programmed Capacity (continued)

| Name | Value |
|--------------------------|--------------------|
| Tab Panel | General NE Details |
| Type | CardCapacity |
| Enumerated types: | |
| 16G | |
| 32G | |
| 4G | |
| 64G | |
| 8G | |
| unknown | |

Default AINS State

Table 2-672 Default AINS State

| Name | Value |
|--------------------------|--------------------|
| Displayed name | Default AINS State |
| OSS name | ainsStDflt |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | AinsMode |
| Enumerated types: | |
| AINS | |
| NOWAIT | |

Default AINS State

Table 2-673 Default AINS State

| Name | Value |
|--------------------------|----------------------------------|
| Displayed name | Default AINS State |
| OSS name | stdByAinsStDflt |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | AinsMode |
| Enumerated types: | |

Table 2-673 Default AINS State (continued)

| Name | Value |
|--------|-------|
| AINS | |
| NOWAIT | |

Default AINS Threshold

Table 2-674 Default AINS Threshold

| Name | Value |
|----------------|------------------------|
| Displayed name | Default AINS Threshold |
| OSS name | ainsThDflt |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | STRING |
| Units | HH:MM |

Default AINS Threshold

Table 2-675 Default AINS Threshold

| Name | Value |
|----------------|----------------------------------|
| Displayed name | Default AINS Threshold |
| OSS name | stdByAinsThDflt |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | STRING |

Dormant Account

Table 2-676 Dormant Account

| Name | Value |
|----------------|---|
| Description | Maximum interval that the User is inactive, without login to the NE, before that user is disabled in days. That is, the number of days left before UID expiration. 0 indicates that the user account is disabled. |
| Displayed name | Dormant Account |
| Maximum | 999 |
| Minimum | 0 |

Table 2-676 Dormant Account (continued)

| Name | Value |
|-------------|-------------------------|
| OSS name | loginInactivityTimeout |
| Read-only | no |
| Tab Panel | General Access Settings |
| Type | INT |
| Units | days |

Enable NA Alarms**Table 2-677 Enable NA Alarms**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Enables or disables Not Alarmed events globally per NE. |
| Displayed name | Enable NA Alarms |
| OSS name | showNaAlarm |
| Read-only | no |
| Tab Panel | General Alarm Setting |
| Type | BOOL |

Enable PM TCA Alerts**Table 2-678 Enable PM TCA Alerts**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Enables or disables PM TCA alerts globally per NE. |
| Displayed name | Enable PM TCA Alerts |
| OSS name | pmTcaEnabled |
| Read-only | no |
| Tab Panel | General Performance Management |
| Type | BOOL |

Environmental Conditions Restricted

Table 2-679 Environmental Conditions Restricted

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:false |
| Displayed name | Environmental Conditions Restricted |
| OSS name | envCondRstr |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | BOOL |

Environmental Conditions Restricted

Table 2-680 Environmental Conditions Restricted

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:false |
| Displayed name | Environmental Conditions Restricted |
| OSS name | stdByEnvCondRstr |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | BOOL |

Extended Temperature Range

Table 2-681 Extended Temperature Range

| Name | Value |
|----------------|---|
| Description | Extended Temperature Range for PSS-1 and PSS-4. |
| Displayed name | Extended Temperature Range |
| OSS name | extendedTempRange |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | BOOL |

Feature IP Utilities restricted**Table 2-682 Feature IP Utilities restricted**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:false |
| Description | Feature IP Utilities restricted. |
| Displayed name | Feature IP Utilities restricted |
| OSS name | featureIpUtilitiesRestricted |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | BOOL |

Feature Pause Flow Control**Table 2-683 Feature Pause Flow Control**

| Name | Value |
|--------------------------|-----------------------------|
| Default | yes:negotiated |
| Description | Feature Pause Flow Control. |
| Displayed name | Feature Pause Flow Control |
| OSS name | featurePauseFlowControl |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | FeaturePauseFlowControl |
| Enumerated types: | |
| Manual | |
| Negotiated | |

File based PM Policy**Table 2-684 File based PM Policy**

| Name | Value |
|----------------|---|
| Description | The Performance Management Policy associated with this PSS. |
| Displayed name | File based PM Policy |
| OSS name | pmPolicyPointer |
| Read-only | no |
| Tab Panel | General Performance Management |

Table 2-684 File based PM Policy (continued)

| Name | Value |
|------|---------|
| Type | POINTER |

FIPS Squelch Mode

Table 2-685 FIPS Squelch Mode

| Name | Value |
|--------------------------|----------------------------------|
| Default | yes:nonfips |
| Description | Network Element FipsSquelchMode. |
| Displayed name | FIPS Squelch Mode |
| OSS name | fipsSquelchMode |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | FipsMode |
| Enumerated types: | |
| FIPS | |
| Non-FIPS | |

HTTP Port

Table 2-686 HTTP Port

| Name | Value |
|----------------|---------------------|
| Description | System's http port. |
| Displayed name | HTTP Port |
| OSS name | httpPort |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | INT |

Idle User Timeout

Table 2-687 Idle User Timeout

| Name | Value |
|-------------|-------------------------------------|
| Description | NE user session timeout in minutes. |

Table 2-687 Idle User Timeout (continued)

| Name | Value |
|----------------|-------------------------|
| Displayed name | Idle User Timeout |
| Maximum | 999 |
| Minimum | 0 |
| OSS name | sessionTimeout |
| Read-only | no |
| Tab Panel | General Access Settings |
| Type | INT |
| Units | minutes |

Maximum Invalid Login Attempts**Table 2-688 Maximum Invalid Login Attempts**

| Name | Value |
|----------------|--------------------------------|
| Description | Maximum logins allowed. |
| Displayed name | Maximum Invalid Login Attempts |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | maxFailedLogins |
| Read-only | no |
| Tab Panel | General Access Settings |
| Type | INT |

Maximum Password Length**Table 2-689 Maximum Password Length**

| Name | Value |
|----------------|--------------------------------|
| Description | Maximum Password Length on NE. |
| Displayed name | Maximum Password Length |
| OSS name | maxPasswdLth |
| Read-only | no |
| Tab Panel | General Password Settings |
| Type | INT |

Minimum Password Length

Table 2-690 Minimum Password Length

| Name | Value |
|----------------|-------------------------------|
| Default | yes:8 |
| Description | Minimum Password Length on NE |
| Displayed name | Minimum Password Length |
| Maximum | 32 |
| Minimum | 8 |
| OSS name | minPasswdLth |
| Read-only | no |
| Tab Panel | General Password Settings |
| Type | INT |

Minimum Wait After Invalid Login

Table 2-691 Minimum Wait After Invalid Login

| Name | Value |
|----------------|---|
| Description | Minimum interval between invalid login attempts, in seconds. 0 indicates that user account is disabled. |
| Displayed name | Minimum Wait After Invalid Login |
| Maximum | 60 |
| Minimum | 0 |
| OSS name | minIntervalInvalidLogin |
| Read-only | no |
| Tab Panel | General Access Settings |
| Type | INT |
| Units | seconds |

MTC1T9 Programmed Capacity

Table 2-692 MTC1T9 Programmed Capacity

| Name | Value |
|----------------|---|
| Description | Universal Matrix First Level Controller Capacity. |
| Displayed name | MTC1T9 Programmed Capacity |
| OSS name | matrixFirstLevelControllerCapacity |

Table 2-692 MTC1T9 Programmed Capacity (continued)

| Name | Value |
|--------------------------|--------------------|
| Read-only | no |
| Tab Panel | General NE Details |
| Type | CardCapacity |
| Enumerated types: | |
| 16G | |
| 32G | |
| 4G | |
| 64G | |
| 8G | |
| unknown | |

Network Element Description

Table 2-693 Network Element Description

| Name | Value |
|----------------|---------------------------------------|
| Default | yes: |
| Description | Editable Network Element Description. |
| Displayed name | Network Element Description |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | neDescription |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | STRING |

Network Element ID

Table 2-694 Network Element ID

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Editable Network Element Id. Not necessarily a unique value in the network. |
| Displayed name | Network Element ID |
| Maximum | 30 |

Table 2-694 Network Element ID (continued)

| Name | Value |
|-------------|--------------------|
| Minimum | 0 |
| OSS name | opticalNeId |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | INT |

Network Element Mode

Table 2-695 Network Element Mode

| Name | Value |
|--------------------------|----------------------------------|
| Description | Network Element Mode[SONET/SDH]. |
| Displayed name | Network Element Mode |
| OSS name | neMode |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | NeMode |
| Enumerated types: | |
| SDH | |
| SONET | |

Network Element Name

Table 2-696 Network Element Name

| Name | Value |
|----------------|----------------------|
| Description | Site id. |
| Displayed name | Network Element Name |
| OSS name | neName |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | STRING |

Obsolescence Interval**Table 2-697 Obsolescence Interval**

| Name | Value |
|----------------|---|
| Description | Minimum time interval, in days, that is required if the user wishes to use a password that was already used. 0 means this capability is disabled. |
| Displayed name | Obsolescence Interval |
| Maximum | 999 |
| Minimum | 0 |
| OSS name | passwdObsolescenceInterval |
| Read-only | no |
| Tab Panel | General Password Settings |
| Type | INT |
| Units | days |

OCS IP**Table 2-698 OCS IP**

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | Optical Cross-connect System (OCS) IP address. |
| Displayed name | OCS IP |
| OSS name | ocsIpAddress |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | INETADDR |

ODUN Default Setting**Table 2-699 ODUN Default Setting**

| Name | Value |
|----------------|-------------------------------|
| Displayed name | ODUN Default Setting |
| OSS name | oduNDefaultAsap |
| Read-only | no |
| Tab Panel | General Default ASAP Settings |
| Type | DefaultAsapType |

Table 2-699 ODUN Default Setting (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| ALL | |
| ASAP Default | |
| FERF AIS | |
| None | |
| Not Primary | |
| System Default | |

ODUN Default Setting

Table 2-700 ODUN Default Setting

| Name | Value |
|--------------------------|----------------------------------|
| Displayed name | ODUN Default Setting |
| OSS name | stdByOduNDefaultAsap |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | DefaultAsapType |
| Enumerated types: | |
| ALL | |
| ASAP Default | |
| FERF AIS | |
| None | |
| Not Primary | |
| System Default | |

ODUPTF Default Setting

Table 2-701 ODUPTF Default Setting

| Name | Value |
|----------------|-------------------------------|
| Displayed name | ODUPTF Default Setting |
| OSS name | oduPtfDefaultAsap |
| Read-only | no |
| Tab Panel | General Default ASAP Settings |

Table 2-701 ODUPTF Default Setting (continued)

| Name | Value |
|--------------------------|-----------------|
| Type | DefaultAsapType |
| Enumerated types: | |
| ALL | |
| ASAP Default | |
| FERF AIS | |
| None | |
| Not Primary | |
| System Default | |

ODUPTF Default Setting

Table 2-702 ODUPTF Default Setting

| Name | Value |
|--------------------------|----------------------------------|
| Displayed name | ODUPTF Default Setting |
| OSS name | stdByOduPtfDefaultAsap |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | DefaultAsapType |
| Enumerated types: | |
| ALL | |
| ASAP Default | |
| FERF AIS | |
| None | |
| Not Primary | |
| System Default | |

OSPF Area Id(GCC/OSC Interfaces)

Table 2-703 OSPF Area Id(GCC/OSC Interfaces)

| Name | Value |
|-------------|--|
| Default | yes:0 |
| Description | For all OSC/GCC interfaces, it will use the same OSPF area which can be provisioned to something other than the default 0.0.0.0. |

Table 2-703 OSPF Area Id(GCC/OSC Interfaces) (continued)

| Name | Value |
|----------------|----------------------------------|
| Displayed name | OSPF Area Id(GCC/OSC Interfaces) |
| OSS name | ipOspfAreaNumberPPPId |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | INETADDR |

OSPF Area Index(GCC/OSC Interfaces)

Table 2-704 OSPF Area Index(GCC/OSC Interfaces)

| Name | Value |
|----------------|--|
| Description | For all OSC/GCC interfaces, it will use the same OSPF area which can be provisioned to something other than the default 0.0.0.0. |
| Displayed name | OSPF Area Index(GCC/OSC Interfaces) |
| OSS name | ipOspfAreaPPPId |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | POINTER |

OTU Default Setting

Table 2-705 OTU Default Setting

| Name | Value |
|--------------------------|-------------------------------|
| Displayed name | OTU Default Setting |
| OSS name | otuDefaultAsap |
| Read-only | no |
| Tab Panel | General Default ASAP Settings |
| Type | DefaultAsapType |
| Enumerated types: | |
| ALL | |
| ASAP Default | |
| FERF AIS | |
| None | |
| Not Primary | |

Table 2-705 OTU Default Setting (continued)

| Name | Value |
|----------------|-------|
| System Default | |

OTU Default Setting

Table 2-706 OTU Default Setting

| Name | Value |
|--------------------------|----------------------------------|
| Displayed name | OTU Default Setting |
| OSS name | stdByOtuDefaultAsap |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | DefaultAsapType |
| Enumerated types: | |
| | ALL |
| | ASAP Default |
| | FERF AIS |
| | None |
| | Not Primary |
| | System Default |

Partner NE

Table 2-707 Partner NE

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:0.0.0.0 |
| Description | The IP address of the WDM partner NE. |
| Displayed name | Partner NE |
| OSS name | partnerNe |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | INETADDR |

Partner NE

Table 2-708 Partner NE

| Name | Value |
|----------------|----------------------------------|
| Displayed name | Partner NE |
| Maximum | 32 |
| OSS name | stdByPartnerNe |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | STRING |

Provision Mode

Table 2-709 Provision Mode

| Name | Value |
|--------------------------|--------------------|
| Displayed name | Provision Mode |
| OSS name | provMode |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | ProvModeType |
| Enumerated types: | |
| AUTOEQ | |
| MANEQ | |

Provision Mode

Table 2-710 Provision Mode

| Name | Value |
|--------------------------|----------------------------------|
| Displayed name | Provision Mode |
| OSS name | stdByProvMode |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | ProvModeType |
| Enumerated types: | |
| AUTOEQ | |
| MANEQ | |

Region**Table 2-711 Region**

| Name | Value |
|----------------|----------------------------------|
| Displayed name | Region |
| OSS name | stdByRegion |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | netw.RegionType |

Release Date**Table 2-712 Release Date**

| Name | Value |
|----------------|--------------------|
| Displayed name | Release Date |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | releaseDate |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | STRING |

Release Date**Table 2-713 Release Date**

| Name | Value |
|----------------|----------------------------------|
| Displayed name | Release Date |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | stdByReleaseDate |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | STRING |

SNMP Source

Table 2-714 SNMP Source

| Name | Value |
|--------------------------|--|
| Description | false - SNMP requests can be made using any of the NEs interface IP addresses or Loopback IP address. The source IP address in SNMP trap/reply messages shall be the interface IP address on which the packet leaves the NE. Hence it is the SNMP clients responsibility to be able to associate an NE with multiple IP addresses. true - SNMP requests can be made using ONLY the NEs Loopback IP address. The source IP address in SNMP trap/reply messages shall be fixed as the Loopback IP. Extended Temperature Range for PSS-1. |
| Displayed name | SNMP Source |
| OSS name | configuredSnmpSource |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | SnmpSource |
| Enumerated types: | |
| Any IP Interface | |
| Loopback IP Only | |

Software Release

Table 2-715 Software Release

| Name | Value |
|----------------|----------------------------------|
| Displayed name | Software Release |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | stdBySwRelease |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | STRING |

Software Release

Table 2-716 Software Release

| Name | Value |
|----------------|---|
| Description | Active Software Release on Network Element. |
| Displayed name | Software Release |
| Maximum | 20 |

Table 2-716 Software Release (continued)

| Name | Value |
|-------------|--------------------|
| Minimum | 0 |
| OSS name | swActiveRelease |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | STRING |

STSN Default Setting**Table 2-717 STSN Default Setting**

| Name | Value |
|--------------------------|-------------------------------|
| Displayed name | STSN Default Setting |
| OSS name | stsNDefaultAsap |
| Read-only | no |
| Tab Panel | General Default ASAP Settings |
| Type | DefaultAsapType |
| Enumerated types: | |
| ALL | |
| ASAP Default | |
| FERF AIS | |
| None | |
| Not Primary | |
| System Default | |

Subnet Mask**Table 2-718 Subnet Mask**

| Name | Value |
|----------------|------------------------------|
| Description | Network Element Subnet Mask. |
| Displayed name | Subnet Mask |
| OSS name | subnetMask |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | INETADDR |

System Date Time during Last Resync

Table 2-719 System Date Time during Last Resync

| Name | Value |
|----------------|-------------------------------------|
| Description | System Date and Time. |
| Displayed name | System Date Time during Last Resync |
| OSS name | sysDateTime |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | DATE |

System Restart Status

Table 2-720 System Restart Status

| Name | Value |
|--------------------------|---|
| Description | The status of the system restart process. |
| Displayed name | System Restart Status |
| OSS name | restartStatus |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | SysRestartStatusType |
| Enumerated types: | |
| Complete | |
| In Progress | |

System Restart Status

Table 2-721 System Restart Status

| Name | Value |
|--------------------------|----------------------------------|
| Displayed name | System Restart Status |
| OSS name | stdByRestartStatus |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | SysRestartStatusType |
| Enumerated types: | |
| Complete | |

Table 2-721 System Restart Status (continued)

| Name | Value |
|-------------|-------|
| In Progress | |

Telnet Port

Table 2-722 Telnet Port

| Name | Value |
|----------------|-----------------------|
| Description | System's telnet port. |
| Displayed name | Telnet Port |
| OSS name | telnetPort |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | INT |

Temperature Units

Table 2-723 Temperature Units

| Name | Value |
|--------------------------|---------------------------------------|
| Description | Temperature Units on Network Element. |
| Displayed name | Temperature Units |
| OSS name | temperatureInCelsius |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | TempUnits |
| Enumerated types: | |
| Celsius | |
| Fahrenheit | |

Third Party Modules

Table 2-724 Third Party Modules

| Name | Value |
|----------------|---------------------|
| Default | yes:false |
| Displayed name | Third Party Modules |

Table 2-724 Third Party Modules (continued)

| Name | Value |
|-------------|----------------------------------|
| OSS name | stdByThrdPrtyAlwd |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | BOOL |

Third Party Modules

Table 2-725 Third Party Modules

| Name | Value |
|----------------|---------------------|
| Default | yes:false |
| Displayed name | Third Party Modules |
| OSS name | thrdPrtyAlwd |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | BOOL |

TID

Table 2-726 TID

| Name | Value |
|----------------|--------------------|
| Displayed name | TID |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | tId |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | STRING |

TL1 Autonomous Messages Enabled

Table 2-727 TL1 Autonomous Messages Enabled

| Name | Value |
|---------|--------------------------|
| Default | yes:indefiniteInhibition |

Table 2-727 TL1 Autonomous Messages Enabled (continued)

| Name | Value |
|--------------------------|---------------------------------|
| Description | Alarm Reporting Control. |
| Displayed name | TL1 Autonomous Messages Enabled |
| OSS name | alarmReportingControl |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | AlarmReportingControl |
| Enumerated types: | |
| Indefinite Inhibition | |
| Released | |

UI Mode

Table 2-728 UI Mode

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:normal |
| Description | Network Element Security Mode. |
| Displayed name | UI Mode |
| OSS name | secureMode |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | SecurityMode |
| Enumerated types: | |
| Encrypted | |
| Fips | |
| Normal | |

Wave Key Space

Table 2-729 Wave Key Space

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Description | Wave Key Space. |
| Displayed name | Wave Key Space |

Table 2-729 Wave Key Space (continued)

| Name | Value |
|-------------|--------------------|
| Maximum | 255 |
| Minimum | 0 |
| OSS name | wavekeySpace |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | INT |

Network Element parameters

Active Management IP

Table 2-730 Active Management IP

| Name | Value |
|--------------------------|--|
| Default | yes:outband |
| Displayed name | Active Management IP |
| OSS name | activeManagementIp |
| Read-only | no |
| Tab Panel | Polling.Management Management Preference |
| Type | PollingMode |
| Enumerated types: | |
| In Band | |
| Out Of Band | |
| Primary | |
| Secondary | |

Active Management IP

Table 2-731 Active Management IP

| Name | Value |
|---------|-------------|
| Default | yes:0.0.0.0 |

Table 2-731 Active Management IP (continued)

| Name | Value |
|-----------------------|--|
| Description | Starting in 8.0R1 the initial value for this attribute is always the discovery address which is considered to be the initial management address. If the node's active management IP will change this attribute will be populated with the new management IP. The following scenarios are applicable: - changing the management IP from Out Of Band to Inband and vice-versa - changing the IP address for the active management IP |
| Displayed name | Active Management IP |
| Mandatory on creation | yes |
| OSS name | ipAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Advertise Message**Table 2-732 Advertise Message**

| Name | Value |
|--------------------------|---|
| Default | no |
| Description | The value of dhcp6AdvertiseMessage specifies the composition of DHCPv6 Advertise Messages in case a DHCP6 application in this system will not assign any addresses to any Identity Association (IA) in a subsequent Request from the client. DHCP6 applications in this system are Relay, Server, Enhanced Subscriber Management (ESM) Proxy and ESM Relay. By default, a DHCP6 application in this system will send an Advertise message to the client that includes the IA containing a Status Code option with status code 'NoAddrsAvail', as specified in Errata 2472. If the bit corresponding to a DHCP6 application is set, that application will send an Advertise message to the client that includes only a Status Code option with code 'NoAddrsAvail'. This system will refuse bit combinations that are not supported: the 'esmRelay' and 'server' bits must be toggled together, and the 'esmProxy' and 'relay' bits are read-only. |
| Displayed name | Advertise Message |
| OSS name | dhcp6AdvertiseMessage |
| Read-only | no |
| Tab Panel | Globals.Subscriber Management DHCPv6 |
| Type | Dhcp6AdvertiseMessage |
| Enumerated types: | |
| ESM Proxy | |
| ESM Relay | |
| Relay | |
| Server | |

Aggregate Rate**Table 2-733 Aggregate Rate**

| Name | Value |
|----------------|--|
| Default | yes:500000 |
| Description | System-wide aggregate rate to be applied to Access Ingress of every MDA. aluSystemAccessIngAggrRate is only supported on Alcatel-lucent SAR-M. It is set to 0 on other platforms, indicating it's not applicable, and it's not changeable. |
| Displayed name | Aggregate Rate |
| Maximum | 2500000 |
| Minimum | 1 |
| OSS name | accessIngressAggrRate |
| Read-only | no |
| Tab Panel | QoS Access Ingress |
| Type | INT |

Aggregate Rate**Table 2-734 Aggregate Rate**

| Name | Value |
|----------------|--|
| Default | yes:2000000 |
| Description | System-wide aggregate rate to be applied to Network Ingress of every MDA in the system. aluSystemNetworkIngAggrRate is only supported on Alcatel-lucent SAR-M. It is set to 0 on other platforms, indicating it's not applicable, and it's not changeable. |
| Displayed name | Aggregate Rate |
| Maximum | 2500000 |
| Minimum | 1 |
| OSS name | networkIngressAggrRate |
| Read-only | no |
| Tab Panel | QoS Network Ingress |
| Type | INT |

Alarm Management**Table 2-735 Alarm Management**

| Name | Value |
|---------|-------------|
| Default | yes:enabled |

Table 2-735 Alarm Management (continued)

| Name | Value |
|--------------------------|--|
| Description | The alarmAdminStatus specifies whether or not alarm management is operationally 'enabled(1)' on the system, or 'disabled(2).' This is a system-wide configuration. |
| Displayed name | Alarm Management |
| OSS name | alarmAdminStatus |
| Read-only | no |
| Tab Panel | Globals.Alarm Management General |
| Type | AlarmMgmtEnableDisable |
| Enumerated types: | |
| | Disabled |
| | Enabled |

Alternate Element Manager**Table 2-736 Alternate Element Manager**

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | It is used to specify the command for the NE for the alternate element management application. The IP address can be identified as a tag in the URL with %IP%. |
| Displayed name | Alternate Element Manager |
| Maximum | 500 |
| OSS name | elementManagerCmd |
| Read-only | no |
| Tab Panel | General Generic NE |
| Type | STRING |

ASON Domain ID**Table 2-737 ASON Domain ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Description | ASON domain ID. |
| Displayed name | ASON Domain ID |
| OSS name | asonDomainId |
| Read-only | yes |

Table 2-737 ASON Domain ID (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | LONG |

Assigned Event Notification Policy**Table 2-738 Assigned Event Notification Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the Even Notification Policy applicable on this Network Element. If unchanged, the default Policy applicable to the respective silo will be applied. |
| Displayed name | Assigned Event Notification Policy |
| OSS name | eventNotificationPolicyPointer |
| Read-only | no |
| Tab Panel | Polling.General General |
| Type | POINTER |

ATM OAM Loopback Location ID**Table 2-739 ATM OAM Loopback Location ID**

| Name | Value |
|----------------|---|
| Default | yes:01:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00 |
| Displayed name | ATM OAM Loopback Location ID |
| Maximum | 47 |
| Minimum | 0 |
| OSS name | atmOamLoopbackLocationId |
| Read-only | no |
| Tab Panel | ATM ATM OAM |
| Type | STRING |

ATM OAM Loopback Period**Table 2-740 ATM OAM Loopback Period**

| Name | Value |
|----------------|-------------------------|
| Default | yes:10 |
| Displayed name | ATM OAM Loopback Period |
| Maximum | 40 |
| Minimum | 1 |
| OSS name | atmOamLoopbackPeriod |
| Read-only | no |
| Tab Panel | ATM ATM OAM |
| Type | INT |
| Units | seconds |

Auto Revert to Preferred**Table 2-741 Auto Revert to Preferred**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Auto Revert to Preferred |
| OSS name | isMgmtIpAutoRevertive |
| Read-only | no |
| Tab Panel | Polling.Management Management Preference |
| Type | BOOL |

Bandwidth Policy**Table 2-742 Bandwidth Policy**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes: |
| Displayed name | Bandwidth Policy |
| OSS name | mpBwObjectPointer |
| Read-only | no |
| Tab Panel | Globals.Multipoint Management General |
| Type | POINTER |

Chassis Topology**Table 2-743 Chassis Topology**

| Name | Value |
|--------------------------|---------------------|
| Default | yes:standalone |
| Displayed name | Chassis Topology |
| OSS name | chassisTopology |
| Read-only | yes |
| Tab Panel | General General |
| Type | ChassisOperTopology |
| Enumerated types: | |
| AOS Virtual Chassis | |
| Extended (XRS-40) | |
| Standalone | |

Chassis Type**Table 2-744 Chassis Type**

| Name | Value |
|----------------|---------------------|
| Default | yes:unknownShelf |
| Displayed name | Chassis Type |
| OSS name | chassisType |
| Read-only | yes |
| Tab Panel | General General |
| Type | equipment.ShelfType |

Chassis Type Description**Table 2-745 Chassis Type Description**

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Chassis Type Description |
| Maximum | 255 |
| OSS name | chassisTypeDescription |
| Read-only | yes |
| Tab Panel | General General |

Table 2-745 Chassis Type Description (continued)

| Name | Value |
|------|--------|
| Type | STRING |

Command Mode**Table 2-746 Command Mode**

| Name | Value |
|--------------------------|-----------------|
| Default | yes:normal |
| Displayed name | Command Mode |
| OSS name | commandMode |
| Read-only | no |
| Tab Panel | General General |
| Type | CommandModeType |
| Enumerated types: | |
| Forced | |
| Normal | |

Concurrent Active Session Count**Table 2-747 Concurrent Active Session Count**

| Name | Value |
|----------------|---------------------------------|
| Displayed name | Concurrent Active Session Count |
| OSS name | secActiveSessionCount |
| Read-only | no |
| Tab Panel | Security General |
| Type | LONG |

Concurrent Active Session Limit**Table 2-748 Concurrent Active Session Limit**

| Name | Value |
|----------------|---------------------------------|
| Displayed name | Concurrent Active Session Limit |
| OSS name | secActiveSessionLimit |
| Read-only | no |

Table 2-748 Concurrent Active Session Limit (continued)

| Name | Value |
|-------------|------------------|
| Tab Panel | Security General |
| Type | LONG |

Config File Status**Table 2-749 Config File Status**

| Name | Value |
|----------------|---|
| Default | yes:unspecified |
| Displayed name | Config File Status |
| OSS name | configFileStatus |
| Read-only | yes |
| Tab Panel | Polling.General Boot Configuration Status |
| Type | INT |

Console Alarm Input**Table 2-750 Console Alarm Input**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether or not the console port is enabled for dry contact alarm sensors. You must enable the parameter to configure dry contacts. The console port is not available for other purposes when the parameter is enabled |
| Displayed name | Console Alarm Input |
| OSS name | consoleAlarmInput |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Custom Property 1**Table 2-751 Custom Property 1**

| Name | Value |
|---------|---------|
| Default | yes:N/A |

Table 2-751 Custom Property 1 (continued)

| Name | Value |
|----------------|---|
| Description | The label for the network element Custom Property 1 can be modified using the System Preferences form on the 5620 SAM GUI. If you use XML, always use the attribute name "customProperty1". |
| Displayed name | Custom Property 1 |
| Maximum | 80 |
| OSS name | customProperty1 |
| Read-only | no |
| Tab Panel | General Custom Properties |
| Type | STRING |

Custom Property 2

Table 2-752 Custom Property 2

| Name | Value |
|----------------|---|
| Default | yes:N/A |
| Description | The label for the network element Custom Property 2 can be modified using the System Preferences form on the 5620 SAM GUI. If you use XML, always use the attribute name "customProperty2". |
| Displayed name | Custom Property 2 |
| Maximum | 80 |
| OSS name | customProperty2 |
| Read-only | no |
| Tab Panel | General Custom Properties |
| Type | STRING |

Custom Property 3

Table 2-753 Custom Property 3

| Name | Value |
|----------------|---|
| Default | yes:N/A |
| Description | The label for the network element Custom Property 3 can be modified using the System Preferences form on the 5620 SAM GUI. If you use XML, always use the attribute name "customProperty3". |
| Displayed name | Custom Property 3 |
| Maximum | 80 |

Table 2-753 Custom Property 3 (continued)

| Name | Value |
|-------------|---------------------------|
| OSS name | customProperty3 |
| Read-only | no |
| Tab Panel | General Custom Properties |
| Type | STRING |

Descriptor Version**Table 2-754 Descriptor Version**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Indicate the descriptor version (nodal communication + feature availability + capability) used by this Network Element. |
| Displayed name | Descriptor Version |
| Maximum | 255 |
| OSS name | descriptorVersion |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

DNS Domain**Table 2-755 DNS Domain**

| Name | Value |
|----------------|-----------------------------------|
| Displayed name | DNS Domain |
| Maximum | 252 |
| OSS name | sbiDnsDomain |
| Read-only | no |
| Tab Panel | Polling.General Bof Configuration |
| Type | STRING |

Element Management URL**Table 2-756 Element Management URL**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | It is used to specify the URL for the NE for element management. The IP address can be identified as a tag in the URL with %IP%. |
| Displayed name | Element Management URL |
| Maximum | 500 |
| OSS name | elementManagerUrl |
| Read-only | no |
| Tab Panel | General Generic NE |
| Type | STRING |

Enable Auto Route Distinguisher**Table 2-757 Enable Auto Route Distinguisher**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether BGP Auto RD is enabled in the system. |
| Displayed name | Enable Auto Route Distinguisher |
| OSS name | svcBgpAutoRDEnabled |
| Read-only | no |
| Tab Panel | Globals.Service.BGP.General General |
| Type | BOOL |

Enable L3 Management Interface**Table 2-758 Enable L3 Management Interface**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:false |
| Displayed name | Enable L3 Management Interface |
| OSS name | isL3MgmtItfEnabled |
| Read-only | no |
| Tab Panel | Polling.Management In Band |
| Type | BOOL |

Enable Q in Q Untagged Sap**Table 2-759 Enable Q in Q Untagged Sap**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | The value of qinqUntaggedSap controls the forwarding of packets on a QinQ X.0 access SAP. When qinqUntaggedSap is set to true, the SAP will only accept: - frames with a single tag matching the SAP's outer tag or, - frames with double tag where the outer tag matches the SAP's outer tag and inner tag is set to 0. When qinqUntaggedSap is set to false, forwarding of packets remains unchanged. |
| Displayed name | Enable Q in Q Untagged Sap |
| OSS name | qinqUntaggedSap |
| Read-only | no |
| Tab Panel | Globals.Ethernet General |
| Type | BOOL |

Enable SNMP Streaming**Table 2-760 Enable SNMP Streaming**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Enable SNMP Streaming |
| OSS name | snmpStreamEnable |
| Read-only | no |
| Tab Panel | Polling.Management Management Preference |
| Type | BOOL |

End**Table 2-761 End**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the end of the the BGP route-distinguisher community value range. Value of svcBgpAutoRDType1CommValEnd must be same or larger of the value of svcBgpAutoRDType1CommValStart |
| Displayed name | End |
| Maximum | 65535 |
| Minimum | 0 |

Table 2-761 End (continued)

| Name | Value |
|-------------|--|
| OSS name | svcBgpAutoRDType1CommValEnd |
| Read-only | no |
| Tab Panel | Globals.Service.BGP.General Auto Route Distinguisher CommRange |
| Type | LONG |

eNodeB Equipment**Table 2-762 eNodeB Equipment**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the equipment on this Network Element. |
| Displayed name | eNodeB Equipment |
| OSS name | equipmentPointer |
| Read-only | no |
| Tab Panel | General ENB Base Configuration |
| Type | POINTER |

External EMS**Table 2-763 External EMS**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the local installation path of an external EM application on a client or client delegate server station. |
| Displayed name | External EMS |
| Maximum | 500 |
| OSS name | externalEms |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Feeder Port**Table 2-764 Feeder Port**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The port to be used to feed the test traffic only to generator port of a group. If the feeder port value is zero, it implies that feeder port is not created in the system. Applicable to AOS 6250 Metro nodes |
| Displayed name | Feeder Port |
| OSS name | feederPort |
| Read-only | no |
| Tab Panel | Globals.AOS OAM General |
| Type | POINTER |

Global RADIUS Operational State**Table 2-765 Global RADIUS Operational State**

| Name | Value |
|----------------|----------------------------------|
| Default | no |
| Displayed name | Global RADIUS Operational State |
| OSS name | radiusOperState |
| Read-only | no |
| Tab Panel | Globals.RADIUS NE Authentication |
| Type | INT |

Hi-Water-Mark**Table 2-766 Hi-Water-Mark**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Displayed name | Hi-Water-Mark |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | secActiveSessionHiWtrMrk |
| Read-only | no |
| Tab Panel | Security Water Mark Settings (Active Sessions) |

Table 2-766 Hi-Water-Mark (continued)

| Name | Value |
|-------|-------|
| Type | LONG |
| Units | % |

Id-Permission**Table 2-767 Id-Permission**

| Name | Value |
|----------------|--|
| Default | yes:sendIdNone |
| Description | Enumerated value indicating what, if anything, is to be included in the Sender ID TLV (21.5.3) transmitted by MHFs created by the Default Maintenance Domain, for each dot1agCfmDefaultMdEntry whose dot1agCfmDefaultMdIdPermission object contains the value sendIdDefer. Since, in this variable, there is no encompassing Maintenance Domain, the value sendIdDefer is not allowed. After this initialization, this object needs to be persistent upon reboot or restart of a device. |
| Displayed name | Id-Permission |
| OSS name | mhfIdPermission |
| Read-only | no |
| Tab Panel | Globals.CFM Default Maintenance Domain |
| Type | ethernetoam.Dot1agCfmIdPermissionEnum |

IP Address**Table 2-768 IP Address**

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | Indicates IP address to be used for selecting route-distinguisher value in the system. |
| Displayed name | IP Address |
| OSS name | svcBgpAutoRDType1IpAddr |
| Read-only | no |
| Tab Panel | Globals.Service.BGP.General Auto Route Distinguisher |
| Type | INETADDR |

IP Load Balancing**Table 2-769 IP Load Balancing**

| Name | Value |
|--------------------------|--|
| Default | yes:standard |
| Description | The value of tnmXIpLoadBalancing specifies whether or not this node's system IP address is used in the final stage of the load balancing (hashing) algorithm used to choose the LAG member or ECMP route for an outbound packet. If 'systemIp' is selected, this node's system IP address (i.e. TIMETRA-VRTR-MIB::vRiaIpAddress.1.1.1) is used in the final stage of the LAG and ECMP load balancing algorithm. 'systemIp' is supported on iom3-xp IOMs, equivalent IMMs, and newer IOM and IMM types. When older IOMs/IMMs are present in a system which has 'systemIp' configured, the older IOMs operate in 'standard' mode. If 'standard' is selected, this node's system IP address is not used in the final stage of the LAG and ECMP load balancing algorithm. 'standard' is supported on all IOM and IMM types. The earlier stages of the load balancing algorithm are controlled by tnmXL4LoadBalancing and tnmXLsrIpLoadBalancing (when applicable). |
| Displayed name | IP Load Balancing |
| OSS name | ipLoadBalancing |
| Read-only | no |
| Tab Panel | Globals.Load Balancing General |
| Type | IpLoadBalancing |
| Enumerated types: | |
| | Standard |
| | System IP |

IP Next Hop Limit**Table 2-770 IP Next Hop Limit**

| Name | Value |
|----------------|---|
| Default | yes:16383 |
| Description | This value specifies the maximum number of IP next-hop entries available for subscriber management host's managed routes. |
| Displayed name | IP Next Hop Limit |
| Maximum | 16383 |
| Minimum | 0 |
| OSS name | subSysNextHopLimit |
| Read-only | no |
| Tab Panel | Globals.Subscriber Management General |
| Type | LONG |

IP Next Hop Usage High**Table 2-771 IP Next Hop Usage High**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This value indicates if the IP next-hop usage is near the limit specified with the value of subSysNextHopLimit. |
| Displayed name | IP Next Hop Usage High |
| OSS name | subSysNextHopUsageHigh |
| Read-only | yes |
| Tab Panel | Globals.Subscriber Management General |
| Type | BOOL |

L3 Management Interface**Table 2-772 L3 Management Interface**

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | The L3 network interface or IES used to manage the node. |
| Displayed name | L3 Management Interface |
| OSS name | inBandL3ManagementIf |
| Read-only | no |
| Tab Panel | Polling.Management In Band |
| Type | INETADDR |

L4 Load Balancing**Table 2-773 L4 Load Balancing**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:false |
| Displayed name | L4 Load Balancing |
| OSS name | l4LoadBalancing |
| Read-only | no |
| Tab Panel | Globals.Load Balancing General |
| Type | BOOL |

Last Resync End Time

Table 2-774 Last Resync End Time

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | Last Resync End Time |
| OSS name | lastTimeResyncEnded |
| Read-only | yes |
| Tab Panel | Polling.General General |
| Type | DATE |

Last Resync Start Time

Table 2-775 Last Resync Start Time

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | Last Resync Start Time |
| OSS name | lastTimeResyncStarted |
| Read-only | yes |
| Tab Panel | Polling.General General |
| Type | DATE |

Last Saved Result

Table 2-776 Last Saved Result

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | This value indicates the result of the last saved Deterministic NAT script result action. |
| Displayed name | Last Saved Result |
| OSS name | natDetScriptSaveResult |
| Read-only | yes |
| Tab Panel | Globals.Subscriber Management NAT Deterministic Script |
| Type | NatDetScriptSaveResult |
| Enumerated types: | |
| | Failed |
| | In Progress |

Table 2-776 Last Saved Result (continued)

| Name | Value |
|---------|-------|
| None | |
| Success | |

Last Saved Time

Table 2-777 Last Saved Time

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | This value indicates when the Deterministic NAT script was last saved successfully. |
| Displayed name | Last Saved Time |
| OSS name | natDetScriptSaveTime |
| Read-only | yes |
| Tab Panel | Globals.Subscriber Management NAT Deterministic Script |
| Type | DATE |

Last Scheduled Resync End Time

Table 2-778 Last Scheduled Resync End Time

| Name | Value |
|----------------|--------------------------------|
| Default | yes:0 |
| Displayed name | Last Scheduled Resync End Time |
| OSS name | lastTimeScheduledResyncEnded |
| Read-only | yes |
| Tab Panel | Polling.General General |
| Type | DATE |

Last Scheduled Resync Start Time

Table 2-779 Last Scheduled Resync Start Time

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Last Scheduled Resync Start Time |
| OSS name | lastTimeScheduledResyncStarted |

Table 2-779 Last Scheduled Resync Start Time (continued)

| Name | Value |
|-------------|-------------------------|
| Read-only | yes |
| Tab Panel | Polling.General General |
| Type | DATE |

Latitude(degrees)**Table 2-780 Latitude(degrees)**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The latitude of the node location in degrees. |
| Displayed name | Latitude(degrees) |
| Maximum | 90 |
| Minimum | -90 |
| OSS name | latitudeInDegrees |
| Read-only | no |
| Tab Panel | General Latitude/Longitude Configuration |
| Type | FLOAT |

Level**Table 2-781 Level**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | A value indicating the MD Level at which MHFs are to be created, and Sender ID TLV transmission by those MHFs is to be controlled, for each dot1agCfmDefaultMdEntry whose dot1agCfmDefaultMdLevel object contains the value -1. After this initialization, this object needs to be persistent upon reboot or restart of a device. |
| Displayed name | Level |
| Maximum | 7 |
| Minimum | 0 |
| OSS name | maintDomainLevel |
| Read-only | no |
| Tab Panel | Globals.CFM Default Maintenance Domain |
| Type | INT |

LI Local Save Allowed**Table 2-782 LI Local Save Allowed**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Admin value of li-local-save. Specifies whether or not Lawful Intercept (LI) configuration is allowed to be save to a local file. A change to the value of this object does not take affect until the system is rebooted. |
| Displayed name | LI Local Save Allowed |
| OSS name | liLocalSaveAdmin |
| Read-only | no |
| Tab Panel | Polling.General Bof Configuration |
| Type | generic.TruthValue |

Location**Table 2-783 Location**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Location |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | location |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Longitude(degrees)**Table 2-784 Longitude(degrees)**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The longitude of the node location in degrees. |
| Displayed name | Longitude(degrees) |
| Maximum | 180 |
| Minimum | -180 |

Table 2-784 Longitude(degrees) (continued)

| Name | Value |
|-------------|--|
| OSS name | longitudeInDegrees |
| Read-only | no |
| Tab Panel | General Latitude/Longitude Configuration |
| Type | FLOAT |

Low-Water-Mark**Table 2-785 Low-Water-Mark**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Displayed name | Low-Water-Mark |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | secActiveSessionLoWtrMrk |
| Read-only | no |
| Tab Panel | Security Water Mark Settings (Active Sessions) |
| Type | LONG |
| Units | % |

LSR IP Load Balancing**Table 2-786 LSR IP Load Balancing**

| Name | Value |
|----------------|--|
| Default | yes:label_only |
| Description | The value of lsrIpLoadBalancing specifies whether the IP Header is used in the LAG and ECMP LSR hashing algorithm. This is the global system setting that all ports will inherit. When set to 'label_only' only the label is used in the hashing algorithm. When set to 'label_ip', the IP Header is included in the hashing algorithm. When set to 'ip_only' the IP Header is used exclusively in the hashing Algorithm. When set to 'ethEncapIP' the IP SA/DA fields is used in the hashing Algorithm. |
| Displayed name | LSR IP Load Balancing |
| OSS name | lsrIpLoadBalancing |
| Read-only | no |
| Tab Panel | Globals.Load Balancing General |
| Type | LsrIpLoadBalancing |

Table 2-786 LSR IP Load Balancing (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Ethernet Encapsulated IP | |
| IP Only | |
| Label IP | |
| Label Only | |

MAC Notification Count**Table 2-787 MAC Notification Count**

| Name | Value |
|----------------|--|
| Default | yes:3 |
| Description | The value of macNotifCount specifies number of MAC notification messages to be sent. |
| Displayed name | MAC Notification Count |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | macNotifCount |
| Read-only | no |
| Tab Panel | Globals.Service.General General |
| Type | INT |
| Units | deciseconds |

MAC Notification Interval**Table 2-788 MAC Notification Interval**

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | The value of macNotifInterval specifies time-interval between subsequent MAC notification messages. |
| Displayed name | MAC Notification Interval |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | macNotifInterval |
| Read-only | no |

Table 2-788 MAC Notification Interval (continued)

| Name | Value |
|-------------|---------------------------------|
| Tab Panel | Globals.Service.General General |
| Type | INT |
| Units | deciseconds |

MAC-Swap Port**Table 2-789 MAC-Swap Port**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The port to be used for loopback and hence cannot be used as a SAP. |
| Displayed name | MAC-Swap Port |
| OSS name | noServicePort |
| Read-only | no |
| Tab Panel | Globals.Service.General Loopback No Service Ports |
| Type | POINTER |

Management IP Address**Table 2-790 Management IP Address**

| Name | Value |
|-----------------------|---|
| Default | yes:0.0.0.0 |
| Description | This represents the NE's management port address. |
| Displayed name | Management IP Address |
| Mandatory on creation | yes |
| Maximum | 50 |
| OSS name | outOfBandAddress |
| Read-only | no |
| Tab Panel | Polling.Management Out Of Band |
| Type | STRING |

Management IP Selection**Table 2-791 Management IP Selection**

| Name | Value |
|--------------------------|--|
| Default | yes:outbandOnly |
| Displayed name | Management IP Selection |
| OSS name | mgmtIpRule |
| Read-only | no |
| Tab Panel | Polling.Management Management Preference |
| Type | PollingRule |
| Enumerated types: | |
| In Band Only | |
| In Band Preferred | |
| Out Of Band Only | |
| Out Of Band Preferred | |
| Primary Only | |
| Primary Preferred | |
| Secondary Only | |
| Secondary Preferred | |

Maximum Cleared Alarms**Table 2-792 Maximum Cleared Alarms**

| Name | Value |
|----------------|--|
| Default | yes:500 |
| Description | This attribute specifies the maximum number of cleared alarms to store in the alarmClearTable. When this number is reached, the cleared alarms with the earliest clear time will be removed from the table |
| Displayed name | Maximum Cleared Alarms |
| Maximum | 500 |
| Minimum | 0 |
| OSS name | maxClearedAlarms |
| Read-only | no |
| Tab Panel | Globals.Alarm Management General |
| Type | INT |

MHF-Creation**Table 2-793 MHF-Creation**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | A value indicating if the Management entity can create MHFs (MIP Half Function) for the VID, for each dot1agCfmDefaultMdEntry whose dot1agCfmDefaultMdMhfCreation object contains the value defMHFdefer. Since, in this variable, there is no encompassing Maintenance Domain, the value defMHFdefer is not allowed. After this initialization, this object needs to be persistent upon reboot or restart of a device. |
| Displayed name | MHF-Creation |
| OSS name | mhfCreation |
| Read-only | no |
| Tab Panel | Globals.CFM Default Maintenance Domain |
| Type | ethernetoam.MhfCreationEnum |

Mirror Port**Table 2-794 Mirror Port**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | This port is used for dot1Q mirroring. |
| Displayed name | Mirror Port |
| OSS name | mirrorPort |
| Read-only | no |
| Tab Panel | Globals.Service.General Loopback No Service Ports |
| Type | POINTER |

Multicast Enhanced Load Balancing**Table 2-795 Multicast Enhanced Load Balancing**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:false |
| Displayed name | Multicast Enhanced Load Balancing |
| OSS name | mcEnhLoadBal |
| Read-only | no |
| Tab Panel | Globals.Load Balancing General |

Table 2-795 Multicast Enhanced Load Balancing (continued)

| Name | Value |
|------|--------------------|
| Type | generic.TruthValue |

Name**Table 2-796 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

NTP State**Table 2-797 NTP State**

| Name | Value |
|----------------|---------------|
| Default | yes:delete |
| Displayed name | NTP State |
| OSS name | ntpStatus |
| Read-only | no |
| Tab Panel | General NTP |
| Type | ntp.NtpStatus |

Number of Tries For Down State**Table 2-798 Number of Tries For Down State**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:4 |
| Displayed name | Number of Tries For Down State |
| Maximum | 10 |
| Minimum | 0 |

Table 2-798 Number of Tries For Down State (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | atmOamRetryDown |
| Read-only | no |
| Tab Panel | ATM ATM OAM |
| Type | INT |

Number of Tries For Up State**Table 2-799 Number of Tries For Up State**

| Name | Value |
|----------------|------------------------------|
| Default | yes:2 |
| Displayed name | Number of Tries For Up State |
| Maximum | 10 |
| Minimum | 0 |
| OSS name | atmOamRetryUp |
| Read-only | no |
| Tab Panel | ATM ATM OAM |
| Type | INT |

Operational State Transition Interval**Table 2-800 Operational State Transition Interval**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the system-wide interval (in seconds) for which a BFD session on an interface transitions from Up to Down and back to Up. A BFD Session Flapped alarm will be raised. This value can be overridden on a per-interface basis. |
| Displayed name | Operational State Transition Interval |
| Maximum | 30 |
| Minimum | 0 |
| OSS name | sysBfdFlapInterval |
| Read-only | no |
| Tab Panel | Globals.BFD General |
| Type | INT |
| Units | seconds |

PBB Source Backbone MAC Address**Table 2-801 PBB Source Backbone MAC Address**

| Name | Value |
|----------------|---|
| Default | yes:00-00-00-00-00-00 |
| Description | The value of svcPbbSrcBVplsMacAddr specifies the source Backbone MAC-Address to be used for Provider Backbone Bridging (PBB) packets. Value of default for this object indicates that chassis MAC address will be used for PBB packets. |
| Displayed name | PBB Source Backbone MAC Address |
| OSS name | pbbSrcBVplsMacAddr |
| Read-only | no |
| Tab Panel | Globals.Service.General General |
| Type | MACADDR |

Persistent Index Status**Table 2-802 Persistent Index Status**

| Name | Value |
|----------------|---|
| Default | yes:unspecified |
| Displayed name | Persistent Index Status |
| OSS name | persistentIndexStatus |
| Read-only | yes |
| Tab Panel | Polling.General Boot Configuration Status |
| Type | INT |

Persistent SNMP Indices**Table 2-803 Persistent SNMP Indices**

| Name | Value |
|----------------|-------------------------|
| Default | yes:true |
| Displayed name | Persistent SNMP Indices |
| OSS name | persistentSnmpIndices |
| Read-only | no |
| Tab Panel | Polling.General General |
| Type | generic.TruthValue |

Policy Count**Table 2-804 Policy Count**

| Name | Value |
|----------------|------------------|
| Displayed name | Policy Count |
| OSS name | secPlyCount |
| Read-only | no |
| Tab Panel | Security General |
| Type | LONG |

PPS Message Type**Table 2-805 PPS Message Type**

| Name | Value |
|--------------------------|---|
| Default | yes:0 |
| Description | The todPpsMessageType indicated the message type that is sent after the 1 second pulse. |
| Displayed name | PPS Message Type |
| OSS name | todPpsMessageType |
| Read-only | no |
| Tab Panel | General Time Of Day |
| Type | TodMessageType |
| Enumerated types: | |
| Cm | |
| Ct | |
| IRIGB 002-122 | |
| IRIGB 003-123 | |
| IRIGB 006-126 | |
| IRIGB 007-127 | |
| Unknown | |

PPS Output**Table 2-806 PPS Output**

| Name | Value |
|-------------|---|
| Default | yes:3 |
| Description | The admin state of the Time Of Day - 1 Pulse Per Second (TOD-1PPS) output port. |

Table 2-806 PPS Output (continued)

| Name | Value |
|--------------------------|------------------------|
| Displayed name | PPS Output |
| OSS name | todPpsOutput |
| Read-only | no |
| Tab Panel | General Time Of Day |
| Type | TodAdministrativeState |
| Enumerated types: | |
| Down | |
| Not Operational | |
| Up | |

Primary DNS**Table 2-807 Primary DNS**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Primary DNS |
| OSS name | sbiPrimaryDns |
| Read-only | no |
| Tab Panel | Polling.General Bof Configuration |
| Type | INETADDR |

Primary Route Preference**Table 2-808 Primary Route Preference**

| Name | Value |
|----------------|--|
| Default | yes:outband |
| Description | The value of <code>tmnxEventPrimaryRoutePref</code> specifies the primary routing preference for traffic generated for SNMP notifications and syslog messages. A value of 'inband' specifies that the Logging utility will attempt to use the Base routing context to send SNMP notifications and syslog messages to remote destinations. A value of 'outband' specifies that the Logging utility will attempt to use the management routing context to send SNMP notifications and syslog messages to remote destinations. If the remote destination, as specified by <code>tmnxStdDestAddr</code> or <code>tmnxSyslogTargetAddr</code> , is not reachable via the routing context specified by <code>tmnxEventPrimaryRoutePref</code> , the secondary routing preference as specified by <code>tmnxEventSecondaryRoutePref</code> will be attempted. |
| Displayed name | Primary Route Preference |

Table 2-808 Primary Route Preference (continued)

| Name | Value |
|-------------|---|
| OSS name | primaryRoutePreference |
| Read-only | no |
| Tab Panel | Polling.Management Notifications Preferred Management |
| Type | netw.PrimaryEventRoutePreference |

Product Definition**Table 2-809 Product Definition**

| Name | Value |
|----------------|-------------------------|
| Default | yes:N/A |
| Displayed name | Product Definition |
| OSS name | genericNeProfilePointer |
| Read-only | yes |
| Tab Panel | General Generic NE |
| Type | POINTER |

Profile Count**Table 2-810 Profile Count**

| Name | Value |
|----------------|------------------|
| Displayed name | Profile Count |
| OSS name | secProfileCount |
| Read-only | no |
| Tab Panel | Security General |
| Type | LONG |

QoS Classification**Table 2-811 QoS Classification**

| Name | Value |
|----------------|--------------------------|
| Default | yes:Disabled |
| Displayed name | QoS Classification |
| OSS name | inFlowClassificationMode |

Table 2-811 QoS Classification (continued)

| Name | Value |
|--------------------------|------------------------|
| Read-only | no |
| Tab Panel | QoS Quality of Service |
| Type | QoSClassification |
| Enumerated types: | |
| 802.1p | |
| DiffServ | |
| Disabled | |

RADIUS CoA Port**Table 2-812 RADIUS CoA Port**

| Name | Value |
|--------------------------|--|
| Default | yes:3799 |
| Description | The RADIUS CoA Port parameter specifies the UDP port to receive change of authorization messages. When the routing instance is bound to a RADIUS proxy server and the RADIUS CoA port is set to 1812, all CoA messages will be received by the RADIUS proxy server and dropped by port 1812. |
| Displayed name | RADIUS CoA Port |
| OSS name | radiusCoAPort |
| Read-only | no |
| Tab Panel | Globals.RADIUS Subscriber AAA Configuration |
| Type | RadiusCoAPortType |
| Enumerated types: | |
| 1647 | |
| 1700 | |
| 1812 | |
| 3799 | |

Redundant Synchronization Mode**Table 2-813 Redundant Synchronization Mode**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:none |
| Displayed name | Redundant Synchronization Mode |

Table 2-813 Redundant Synchronization Mode (continued)

| Name | Value |
|-------------|------------------------------|
| OSS name | redundantSynchronizationMode |
| Read-only | no |
| Tab Panel | Polling.General General |
| Type | INT |

Region**Table 2-814 Region**

| Name | Value |
|--------------------------|-----------------|
| Displayed name | Region |
| OSS name | region |
| Read-only | no |
| Tab Panel | General General |
| Type | RegionType |
| Enumerated types: | |
| ANSI | |
| ETSI | |

Remote URL**Table 2-815 Remote URL**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | This value specifies the URL of the Deterministic NAT script that this system generates to allow offline calculation of Deterministic NAT. |
| Displayed name | Remote URL |
| Maximum | 180 |
| Minimum | 0 |
| OSS name | natDetScriptLocation |
| Read-only | no |
| Tab Panel | Globals.Subscriber Management NAT Deterministic Script |
| Type | STRING |

Resource Group ID**Table 2-816 Resource Group ID**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The resource group that this network element belongs to. This assignment governs which worker pool resources will be used to service this router. |
| Displayed name | Resource Group ID |
| Maximum | 2147483647 |
| Minimum | 0 |
| OSS name | resourceGroupId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Resync Status**Table 2-817 Resync Status**

| Name | Value |
|--------------------------|-------------------------|
| Default | yes:notAttempted |
| Displayed name | Resync Status |
| OSS name | resyncStatus |
| Read-only | yes |
| Tab Panel | Polling.General General |
| Type | NeResyncStatus |
| Enumerated types: | |
| Full Resync Aborted | |
| Full Resync Done | |
| Full Resync Failed | |
| In Progress | |
| Not Attempted | |
| Partial Resync Done | |
| Partial Resync Failed | |
| Requested | |

Save Needed**Table 2-818 Save Needed**

| Name | Value |
|--------------------------|--|
| Default | yes:saveNotNeeded |
| Description | This value indicates if the Deterministic NAT map has changed and hence needs to be saved. |
| Displayed name | Save Needed |
| OSS name | natDetScriptSaveNeeded |
| Read-only | yes |
| Tab Panel | Globals.Subscriber Management NAT Deterministic Script |
| Type | NatDetScriptSaveNeeded |
| Enumerated types: | |
| No | |
| Yes | |

Scheduled Polling**Table 2-819 Scheduled Polling**

| Name | Value |
|----------------|-------------------------|
| Default | yes:enabled |
| Displayed name | Scheduled Polling |
| OSS name | resyncState |
| Read-only | no |
| Tab Panel | Polling.General General |
| Type | INT |

Scheduled Resync Status**Table 2-820 Scheduled Resync Status**

| Name | Value |
|----------------|-------------------------|
| Default | yes:notAttempted |
| Displayed name | Scheduled Resync Status |
| OSS name | scheduledResyncStatus |
| Read-only | yes |
| Tab Panel | Polling.General General |
| Type | NeScheduledResyncStatus |

Table 2-820 Scheduled Resync Status (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| In Progress | |
| Not Attempted | |
| Scheduled Resync Done | |
| Scheduled Resync Failed | |

Secondary DNS

Table 2-821 Secondary DNS

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Secondary DNS |
| OSS name | sbiSecondaryDns |
| Read-only | no |
| Tab Panel | Polling.General Bof Configuration |
| Type | INETADDR |

Secondary Route Preference

Table 2-822 Secondary Route Preference

| Name | Value |
|----------------|--|
| Default | yes:inband |
| Description | The value of <code>tmnxEventSecondaryRoutePref</code> specifies the secondary routing preference for traffic generated for SNMP notifications and syslog messages. The routing context specified by the <code>tmnxEventSecondaryRoutePref</code> will be attempted if the remote destination was not reachable by the primary routing preference, specified by <code>tmnxEventPrimaryRoutePref</code> . The value specified for <code>tmnxEventSecondaryRoutePref</code> must be distinct from the value for <code>tmnxEventPrimaryRoutePref</code> . A value of 'inband' specifies that the Logging utility will attempt to use the Base routing context to send SNMP notifications and syslog messages to remote destinations. A value of 'outband' specifies that the Logging utility will attempt to use the management routing context to send SNMP notifications and syslog messages to remote destinations. A value of 'none' specifies that no attempt will be made to send SNMP notifications and syslog messages to remote destinations. If the remote destination, as specified by <code>tmnxStdDestAddr</code> or <code>tmnxSyslogTargetAddr</code> , is not reachable via the routing contexts specified by <code>tmnxEventPrimaryRoutePref</code> and <code>tmnxEventSecondaryRoutePref</code> , the Log utility will fail to send SNMP notifications and syslog messages to the remote destination. |
| Displayed name | Secondary Route Preference |

Table 2-822 Secondary Route Preference (continued)

| Name | Value |
|-------------|---|
| OSS name | secondaryRoutePreference |
| Read-only | no |
| Tab Panel | Polling.Management Notifications Preferred Management |
| Type | netw.SecondaryEventRoutePreference |

Separate LI Administration**Table 2-823 Separate LI Administration**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Admin value of li-separate. Specifies whether or not a non-LI user has access to Lawful Intercept (LI) information. When the value is 'true', a user who does not have the TMETRA-SECURITY-MIB::tmnxUserAccess 'li' bit set will not be allowed to access CLI or SNMP objects in the 'li' context. A change to the value of this object does not take affect until the system is rebooted. |
| Displayed name | Separate LI Administration |
| OSS name | liSeparateAdmin |
| Read-only | no |
| Tab Panel | Polling.General Bof Configuration |
| Type | generic.TruthValue |

Service ID Lag Hashing**Table 2-824 Service ID Lag Hashing**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | The value specifies how the node distributes LAG link traffic in a VLL service when both ECMP and LAG load balancing are performed. The default value, 'false (1),' preserves the behaviour prior to the introduction of this object: the ingress IOM will select one ECMP interface and one LAG link for all packets on the VLL service based on a modulo of the service ID. The value of 'true (2)' introduces an enhanced distribution which hashes the service-id prior to the LAG link modulo operation. |
| Displayed name | Service ID Lag Hashing |
| OSS name | svcIdLagHashing |
| Read-only | no |
| Tab Panel | Globals.Load Balancing General |

Table 2-824 Service ID Lag Hashing (continued)

| Name | Value |
|------|--------------------|
| Type | generic.TruthValue |

Site ID**Table 2-825 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 2-826 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

SNMP Reachability**Table 2-827 SNMP Reachability**

| Name | Value |
|-------------|--|
| Default | yes:up |
| Description | Indicates if the 5620 SAM server received a response from the network element for the last connectivity check. |

Table 2-827 SNMP Reachability (continued)

| Name | Value |
|--------------------------|-------------------------|
| Displayed name | SNMP Reachability |
| OSS name | reachability |
| Read-only | yes |
| Tab Panel | Polling.General General |
| Type | NeReachability |
| Enumerated types: | |
| | Down |
| | Suspended |
| | Up |

Software Upgrade Transition States**Table 2-828 Software Upgrade Transition States**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the Software Upgrade Transition States |
| Displayed name | Software Upgrade Transition States |
| OSS name | softwareUpgradeTransitionStatesPointer |
| Read-only | no |
| Tab Panel | General ENB Base Configuration |
| Type | POINTER |

Software Version**Table 2-829 Software Version**

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Software Version |
| Maximum | 252 |
| OSS name | version |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Start**Table 2-830 Start**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the start of the BGP route-distinguisher community value range. Value of svcBgpAutoRDType1CommValStart must be same or smaller of the value of svcBgpAutoRDType1CommValEnd |
| Displayed name | Start |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | svcBgpAutoRDType1CommValStart |
| Read-only | no |
| Tab Panel | Globals.Service.BGP.General Auto Route Distinguisher CommRange |
| Type | LONG |

State**Table 2-831 State**

| Name | Value |
|---------------------------------|-----------------------------------|
| Default | yes:managed |
| Description | The state of the network element. |
| Displayed name | State |
| OSS name | neState |
| Read-only | yes |
| Tab Panel | General General |
| Type | NetworkElementState |
| Enumerated types: | |
| Managed | |
| Management Suspended | |
| Node Configuration Fallback | |
| Node Configuration Misalignment | |
| Node Database Corrupted | |
| Node Software Misalignment | |
| Pre-provisioned | |

State**Table 2-832 State**

| Name | Value |
|--------------------------|---|
| Default | yes:notAttempted |
| Description | Shows the state of the reconfig action. |
| Displayed name | State |
| OSS name | reconfigState |
| Read-only | yes |
| Tab Panel | General Reconfig |
| Type | ReconfigState |
| Enumerated types: | |
| Failed | |
| In Progress | |
| Not Attempted | |
| Succeeded | |

Sys Object ID**Table 2-833 Sys Object ID**

| Name | Value |
|----------------|--------------------|
| Default | yes: |
| Displayed name | Sys Object ID |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sysObjectId |
| Read-only | yes |
| Tab Panel | General Generic NE |
| Type | STRING |

System Description**Table 2-834 System Description**

| Name | Value |
|----------------|--------------------|
| Default | yes: |
| Displayed name | System Description |

Table 2-834 System Description (continued)

| Name | Value |
|-------------|-----------------|
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sysDescription |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

System ID (Loopback IP Address)**Table 2-835 System ID (Loopback IP Address)**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | The IPv4 address assigned to a router's interface |
| Displayed name | System ID (Loopback IP Address) |
| Mandatory on creation | yes |
| Maximum | 64 |
| OSS name | systemAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

System IP Address**Table 2-836 System IP Address**

| Name | Value |
|-----------------------|--|
| Default | yes:0.0.0.0 |
| Description | The loopback address assigned to a router's interface used by SAM to manage the node and it can be reachable from SAM server |
| Displayed name | System IP Address |
| Mandatory on creation | yes |
| Maximum | 50 |
| OSS name | inBandSystemAddress |
| Read-only | no |

Table 2-836 System IP Address (continued)

| Name | Value |
|-------------|----------------------------|
| Tab Panel | Polling.Management In Band |
| Type | STRING |

System Up Time**Table 2-837 System Up Time**

| Name | Value |
|----------------|--------------------|
| Default | yes:N/A |
| Displayed name | System Up Time |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | genericSysUpTime |
| Read-only | yes |
| Tab Panel | General Generic NE |
| Type | STRING |

System Wide FDB Records in Use**Table 2-838 System Wide FDB Records in Use**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of system wide FDB records in use. |
| Displayed name | System Wide FDB Records in Use |
| OSS name | svcMacFdbRecords |
| Read-only | yes |
| Tab Panel | Globals.Service.General General |
| Type | LONG |

Template Based Configuration**Table 2-839 Template Based Configuration**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 2-839 Template Based Configuration (continued)

| Name | Value |
|----------------|--|
| Description | Indicates if this node was provisioned using an auto-configuration template. |
| Displayed name | Template Based Configuration |
| OSS name | autoConfigureTemplate |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Tertiary DNS**Table 2-840 Tertiary DNS**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Tertiary DNS |
| OSS name | sbiTertiaryDns |
| Read-only | no |
| Tab Panel | Polling.General Bof Configuration |
| Type | INETADDR |

TestHead Port**Table 2-841 TestHead Port**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | This port is to be assigned to used Y.1564 test head feature. |
| Displayed name | TestHead Port |
| OSS name | testHeadPort |
| Read-only | no |
| Tab Panel | Globals.Service.General Loopback No Service Ports |
| Type | POINTER |

Total PBB MAC Address Indices in Use**Table 2-842 Total PBB MAC Address Indices in Use**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of system wide Backbone MAC address indices in use of service this router. |
| Displayed name | Total PBB MAC Address Indices in Use |
| OSS name | svcTotalFdbMimDestEntries |
| Read-only | yes |
| Tab Panel | Globals.Service.General General |
| Type | LONG |

Use Virtual MAC-Swap Port**Table 2-843 Use Virtual MAC-Swap Port**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether or not a virtual port is assigned as the loopback port. |
| Displayed name | Use Virtual MAC-Swap Port |
| OSS name | isVirtualNoServicePort |
| Read-only | no |
| Tab Panel | Globals.Service.General Loopback No Service Ports |
| Type | BOOL |

Use Virtual Mirror Port**Table 2-844 Use Virtual Mirror Port**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether or not a virtual port is assigned as the loopback port. |
| Displayed name | Use Virtual Mirror Port |
| OSS name | isVirtualMirrorPort |
| Read-only | no |
| Tab Panel | Globals.Service.General Loopback No Service Ports |
| Type | BOOL |

Use Virtual TestHead Port**Table 2-845 Use Virtual TestHead Port**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether or not a virtual port is assigned as the loopback port. |
| Displayed name | Use Virtual TestHead Port |
| OSS name | isVirtualTestHeadPort |
| Read-only | no |
| Tab Panel | Globals.Service.General Loopback No Service Ports |
| Type | BOOL |

Use WRED Slopes**Table 2-846 Use WRED Slopes**

| Name | Value |
|--------------------------|---|
| Default | yes:tcp_non_tcp |
| Description | Specifies whether a WRED profile uses both TCP and non-TCP slopes, or if only TCP slopes (high-priority and low-priority) are used. |
| Displayed name | Use WRED Slopes |
| OSS name | useWredSlopes |
| Read-only | no |
| Tab Panel | QoS Quality of Service |
| Type | WredSlopes |
| Enumerated types: | |
| High-Low | |
| TCP-Non-TCP | |

Vendor-Specific ICMP Extensions**Table 2-847 Vendor-Specific ICMP Extensions**

| Name | Value |
|----------------|---------------------------------|
| Default | yes:disabled |
| Displayed name | Vendor-Specific ICMP Extensions |
| OSS name | vendorSpecificIcmpExtensions |
| Read-only | no |

Table 2-847 Vendor-Specific ICMP Extensions (continued)

| Name | Value |
|-------------|-------------------------|
| Tab Panel | ICMP ICMP Extensions |
| Type | generic.EnabledDisabled |

Virtual MAC-Swap Port**Table 2-848 Virtual MAC-Swap Port**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The port to be used for loopback and hence cannot be used as a SAP. |
| Displayed name | Virtual MAC-Swap Port |
| OSS name | virtualNoServicePort |
| Read-only | no |
| Tab Panel | Globals.Service.General Loopback No Service Ports |
| Type | POINTER |

Virtual Mirror Port**Table 2-849 Virtual Mirror Port**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | This port is used for dot1Q mirroring. |
| Displayed name | Virtual Mirror Port |
| OSS name | virtualMirrorPort |
| Read-only | no |
| Tab Panel | Globals.Service.General Loopback No Service Ports |
| Type | POINTER |

Virtual TestHead Port**Table 2-850 Virtual TestHead Port**

| Name | Value |
|-------------|---|
| Default | yes: |
| Description | This port is to be assigned to used Y.1564 test head feature. |

Table 2-850 Virtual TestHead Port (continued)

| Name | Value |
|----------------|---|
| Displayed name | Virtual TestHead Port |
| OSS name | virtualTestHeadPort |
| Read-only | no |
| Tab Panel | Globals.Service.General Loopback No Service Ports |
| Type | POINTER |

Vnode**Table 2-851 Vnode**

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | Vnode |
| OSS name | virtualNodePointer |
| Read-only | yes |
| Tab Panel | General Virtual Node |
| Type | POINTER |

VPLS Mode**Table 2-852 VPLS Mode**

| Name | Value |
|--------------------------|--|
| Default | yes:disabled |
| Description | Property used to specify the VPLS mode set on the Network Element. If the node is used for VLAN services, set it to 'disabled'; for VPLS service, set it to 'enabled' for 3.0.R4 and above, or 'qualified' or 'unqualified' for pre 3.0.R4 load. |
| Displayed name | VPLS Mode |
| OSS name | vplsServiceMode |
| Read-only | no |
| Tab Panel | General VPLS Service |
| Type | VplsMode |
| Enumerated types: | |
| Disabled | |
| Enabled | |
| None | |

Table 2-852 VPLS Mode (continued)

| Name | Value |
|-------------|-------|
| Qualified | |
| Unqualified | |

Zone Count**Table 2-853 Zone Count**

| Name | Value |
|----------------|------------------|
| Displayed name | Zone Count |
| OSS name | secZoneCount |
| Read-only | no |
| Tab Panel | Security General |
| Type | LONG |

Network Interface (NetworkInterface, optical) parameters**Adjacency State****Table 2-854 Adjacency State**

| Name | Value |
|--------------------------|-----------------------|
| Description | OSPF Adj state. |
| Displayed name | Adjacency State |
| OSS name | tnNetIfCnLinkAdjState |
| Read-only | no |
| Tab Panel | OSPF OSPF |
| Type | OspfAdjacencyState |
| Enumerated types: | |
| 2Way | |
| Down | |
| Exchange | |
| ExchangeStart | |
| Full | |
| Init | |

alarmProfilePointer**Table 2-855 alarmProfilePointer**

| Name | Value |
|-------------|---------------------|
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | General Interface |
| Type | POINTER |

Cost Metric**Table 2-856 Cost Metric**

| Name | Value |
|----------------|-------------------------------------|
| Description | The Traffic eng metric of the link. |
| Displayed name | Cost Metric |
| Maximum | 65535 |
| Minimum | 1 |
| OSS name | tnNetIfMetric |
| Read-only | no |
| Tab Panel | OSPF OSPF |
| Type | LONG |

Dead Interval**Table 2-857 Dead Interval**

| Name | Value |
|----------------|--|
| Default | yes:40 |
| Description | The router dead interval of the link. For 1830, the range is (1..'FFFF'h). This value must be greater than or equal to hello interval value. |
| Displayed name | Dead Interval |
| Maximum | 65535 |
| Minimum | 1 |
| OSS name | tnNetIfRtrDeadInterval |
| Read-only | no |
| Tab Panel | OSPF OSPF |
| Type | LONG |

Table 2-857 Dead Interval (continued)

| Name | Value |
|-------|---------|
| Units | seconds |

Hello Interval**Table 2-858 Hello Interval**

| Name | Value |
|----------------|---------------------------------|
| Default | yes:10 |
| Description | The hello interval of the link. |
| Displayed name | Hello Interval |
| Maximum | 65535 |
| Minimum | 1 |
| OSS name | tnNetIfHelloInterval |
| Read-only | no |
| Tab Panel | OSPF OSPF |
| Type | LONG |
| Units | seconds |

Interface ID**Table 2-859 Interface ID**

| Name | Value |
|-----------------------|--|
| Default | yes:autoId |
| Description | The Access identifier for the Network Interface. |
| Displayed name | Interface ID |
| Mandatory on creation | yes |
| Maximum | 512 |
| Minimum | 1 |
| OSS name | ifIndex |
| Read-only | no |
| Tab Panel | General Interface |
| Type | LONG |

Interface Name

Table 2-860 Interface Name

| Name | Value |
|----------------|-------------------|
| Displayed name | Interface Name |
| Maximum | 32 |
| OSS name | interfaceName |
| Read-only | no |
| Tab Panel | General Interface |
| Type | STRING |

Interface Status

Table 2-861 Interface Status

| Name | Value |
|--------------------------|--|
| Default | yes:disabled |
| Description | The administrative state of the Network Interface. |
| Displayed name | Interface Status |
| OSS name | gccPortStatus |
| Read-only | no |
| Tab Panel | General Interface |
| Type | DisabledEnabled |
| Enumerated types: | |
| Disabled | |
| Enabled | |

L2 Interface Status

Table 2-862 L2 Interface Status

| Name | Value |
|----------------|-----------------------|
| Displayed name | L2 Interface Status |
| OSS name | l2Status |
| Read-only | no |
| Tab Panel | General Interface |
| Type | netw.OperationalState |

MD5 Authentication Enabled

Table 2-863 MD5 Authentication Enabled

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies OSPF authentication on the interface - only none and MD5 are currently supported. |
| Displayed name | MD5 Authentication Enabled |
| OSS name | tnNetIfOspfAuthentType |
| Read-only | no |
| Tab Panel | OSPF OSPF |
| Type | BOOL |

MD5 Key

Table 2-864 MD5 Key

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Description | Link OSPF Authentic Key. |
| Displayed name | MD5 Key |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | tnNetIfOspfAuthKey |
| Read-only | no |
| Tab Panel | OSPF OSPF |
| Type | STRING |

MD5 Key ID

Table 2-865 MD5 Key ID

| Name | Value |
|----------------|-----------------------------|
| Default | yes:1 |
| Description | Link OSPF Authentic Key Id. |
| Displayed name | MD5 Key ID |
| Maximum | 255 |
| Minimum | 1 |
| OSS name | tnNetIfOspfAuthKeyId |

Table 2-865 MD5 Key ID (continued)

| Name | Value |
|-------------|-----------|
| Read-only | no |
| Tab Panel | OSPF OSPF |
| Type | LONG |

MTU Size**Table 2-866 MTU Size**

| Name | Value |
|----------------|--|
| Default | yes:1500 |
| Description | The MTU size for the configured Network Interface. The intent is to allow for interworking/standardization across multiple products. The MTU size is allowed to be changed only when the provisioned packet type is set to std. If the packet type is changed from std to nonStd then the MTU size will automatically be changed by the software back to the pack's default value. |
| Displayed name | MTU Size |
| Maximum | 1500 |
| Minimum | 576 |
| OSS name | gccMtuSize |
| Read-only | no |
| Tab Panel | General Interface |
| Type | INT |

OSPF Area ID**Table 2-867 OSPF Area ID**

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | For all OSC/GCC interfaces, it will use the OSPF area provisioned on the node. |
| Displayed name | OSPF Area ID |
| OSS name | ospfAreaId |
| Read-only | no |
| Tab Panel | OSPF OSPF Area |
| Type | INETADDR |

OSPF Area Index**Table 2-868 OSPF Area Index**

| Name | Value |
|----------------|------------------------|
| Description | OSPF Area Topology Id. |
| Displayed name | OSPF Area Index |
| OSS name | ospfTopologyId |
| Read-only | no |
| Tab Panel | OSPF OSPF Area |
| Type | INT |

Packet Type**Table 2-869 Packet Type**

| Name | Value |
|--------------------------|---|
| Default | yes:std |
| Description | The GCC packet type. Indicates if the Network Interface packet type is standard or non-standard. Only provisionable for 4DPA4, 11DPE12, 11STAR1 and 11STMM10 pack related network interfaces. The default value is std for all packs. If packet type is non-std, MTU size is always 1473 and cannot be changed. |
| Displayed name | Packet Type |
| OSS name | gccPacketType |
| Read-only | no |
| Tab Panel | General Interface |
| Type | GccPacketType |
| Enumerated types: | |
| Non-standard | |
| Standard | |

Site ID**Table 2-870 Site ID**

| Name | Value |
|----------------|-------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |

Table 2-870 Site ID (continued)

| Name | Value |
|-------------|--------------|
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name

Table 2-871 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Network Interface (NetworkInterface, rtr) parameters

Actual Maximum Frame Size

Table 2-872 Actual Maximum Frame Size

| Name | Value |
|----------------|---------------------------|
| Default | yes:1500 |
| Displayed name | Actual Maximum Frame Size |
| OSS name | actualMtu |
| Read-only | yes |
| Tab Panel | Port General |
| Type | INT |
| Units | bytes |

Actual Primary Status

Table 2-873 Actual Primary Status

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Actual primary interface status for this interface. |
| Displayed name | Actual Primary Status |
| OSS name | actualPrimaryStatus |
| Read-only | no |
| Tab Panel | General General |
| Type | generic.TruthValue |

Admin Link Local Address

Table 2-874 Admin Link Local Address

| Name | Value |
|----------------|---------------------------------|
| Default | yes: |
| Displayed name | Admin Link Local Address |
| OSS name | adminLinkLocalAddrWithZoneIndex |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Admin Link Local Address

Table 2-875 Admin Link Local Address

| Name | Value |
|----------------|--------------------------|
| Default | yes:0:0:0:0:0:0:0 |
| Displayed name | Admin Link Local Address |
| OSS name | adminLinkLocalAddr |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Admin Link Local Address Preferred**Table 2-876 Admin Link Local Address Preferred**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:false |
| Displayed name | Admin Link Local Address Preferred |
| OSS name | adminLinkLclAddrPreferred |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Administrative State**Table 2-877 Administrative State**

| Name | Value |
|--------------------------|----------------------|
| Default | yes:unspecified |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | AdministrativeState |
| Enumerated types: | |
| | Down |
| | Up |

Aggregate CIR**Table 2-878 Aggregate CIR**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the CIR of all egress queues for this Network Interface. |
| Displayed name | Aggregate CIR |
| Maximum | 10000000 |
| Minimum | -1 |
| OSS name | egressAggCIR |
| Read-only | no |

Table 2-878 Aggregate CIR (continued)

| Name | Value |
|-------------|-------------|
| Tab Panel | QoS General |
| Type | INT |
| Units | kbps |

Aggregate Rate Limit

Table 2-879 Aggregate Rate Limit

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Description | Specifies the maximum total rate of all egress queues for this Network Interface. The value -1 means that there is no limit. |
| Displayed name | Aggregate Rate Limit |
| Maximum | 10000000 |
| Minimum | -1 |
| OSS name | egressAggRateLimit |
| Read-only | no |
| Tab Panel | QoS General |
| Type | INT |
| Units | kbps |

Allow Directed Broadcasts

Table 2-880 Allow Directed Broadcasts

| Name | Value |
|----------------|---------------------------|
| Default | yes:false |
| Displayed name | Allow Directed Broadcasts |
| OSS name | directedBroadcast |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Assign Aggregate CIR**Table 2-881 Assign Aggregate CIR**

| Name | Value |
|----------------|---------------------------|
| Displayed name | Assign Aggregate CIR |
| OSS name | valueManager:egressAggCIR |
| Read-only | no |
| Tab Panel | QoS General |

Assign Aggregate Rate Limit**Table 2-882 Assign Aggregate Rate Limit**

| Name | Value |
|----------------|---------------------------------|
| Displayed name | Assign Aggregate Rate Limit |
| OSS name | valueManager:egressAggRateLimit |
| Read-only | no |
| Tab Panel | QoS General |

BFD Configured**Table 2-883 BFD Configured**

| Name | Value |
|----------------|---|
| Description | Specifies if BFD is configured on this interface. |
| Displayed name | BFD Configured |
| OSS name | bfdConfigured |
| Read-only | no |
| Tab Panel | General BFD Configured |
| Type | BOOL |

Broadcast**Table 2-884 Broadcast**

| Name | Value |
|----------------|-----------|
| Displayed name | Broadcast |
| OSS name | broadcast |
| Read-only | no |

Table 2-884 Broadcast (continued)

| Name | Value |
|-------------|-------------|
| Tab Panel | General NTP |

Broadcast Address**Table 2-885 Broadcast Address**

| Name | Value |
|----------------|-------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Broadcast Address |
| Maximum | 50 |
| OSS name | bcastAddress |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

ByPass Zone Config**Table 2-886 ByPass Zone Config**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value of securityPolicyBypass indicates whether traffic on this interface bypasses the security check. |
| Displayed name | ByPass Zone Config |
| OSS name | securityPolicyBypass |
| Read-only | no |
| Tab Panel | Zone General |
| Type | BOOL |

Cflowd Type**Table 2-887 Cflowd Type**

| Name | Value |
|-------------|--|
| Default | yes:1 |
| Description | This attribute is deprecated for 7750/7450/7950 13.0 and above nodes. Please use <code>{{cflowd.CflowdSampling}}</code> instead. |

Table 2-887 Cflowd Type (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Cflowd Type |
| OSS name | cflowdType |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Class**Table 2-888 Class**

| Name | Value |
|--------------------------|-------------------|
| Default | yes:numbered |
| Displayed name | Class |
| OSS name | interfaceClass |
| Read-only | no |
| Tab Panel | General General |
| Type | RtrInterfaceClass |
| Enumerated types: | |
| Management | |
| Numbered | |
| System | |
| Unnumbered | |
| Unspecified | |

Client Status**Table 2-889 Client Status**

| Name | Value |
|----------------|--|
| Description | DHCP status of the DHCP Client IP interface. |
| Displayed name | Client Status |
| OSS name | ifDhcpStatus |
| Read-only | yes |
| Tab Panel | DHCP-CLIENT Parameter General |
| Type | InterfaceDhcpStatus |

Table 2-889 Client Status (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Active | |
| Discovery | |
| Timeout | |

Configured Primary Status**Table 2-890 Configured Primary Status**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Primary interface configuration status for this interface. If set to true, this interface will be used as the default interface for the VLAN on which it resides when possible. |
| Displayed name | Configured Primary Status |
| OSS name | configPrimaryStatus |
| Read-only | no |
| Tab Panel | General General |
| Type | generic.TruthValue |

Description**Table 2-891 Description**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

DHCP Option-60**Table 2-892 DHCP Option-60**

| Name | Value |
|----------------|---|
| Default | yes:OmniSwitch |
| Description | The value of option-60 filed that should be inserted in DHCP discover/request packet if configured. |
| Displayed name | DHCP Option-60 |
| Maximum | 64 |
| Minimum | 1 |
| OSS name | ifDhcpOption60 |
| Read-only | no |
| Tab Panel | DHCP-CLIENT Parameter General |
| Type | STRING |

Domain**Table 2-893 Domain**

| Name | Value |
|-----------------------|--|
| Default | yes:network |
| Description | This property will distinguish between a regular network interface and an mpls-tp interface. |
| Displayed name | Domain |
| Mandatory on creation | yes |
| OSS name | ifType |
| Read-only | no |
| Tab Panel | General General |
| Type | rtr.RtrInterfaceType |

Duplicate Address Detection Disabled**Table 2-894 Duplicate Address Detection Disabled**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value of dadDisable specifies if the Duplicate Address Detection (DAD) is disabled for this interface. |
| Displayed name | Duplicate Address Detection Disabled |

Table 2-894 Duplicate Address Detection Disabled (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | dadDisable |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Egress IP ACL**Table 2-895 Egress IP ACL**

| Name | Value |
|----------------|-------------------------|
| Default | yes: |
| Displayed name | Egress IP ACL |
| OSS name | egressFilterPointer |
| Read-only | no |
| Tab Panel | Policies.General IP ACL |
| Type | POINTER |

Egress IP Load Balancing**Table 2-896 Egress IP Load Balancing**

| Name | Value |
|--------------------------|---|
| Default | yes:both |
| Description | Specifies whether to include source address or destination address or both in LAG/ECMP hash on IP interfaces. |
| Displayed name | Egress IP Load Balancing |
| OSS name | egrIpLoadBalancing |
| Read-only | no |
| Tab Panel | General Load Balancing |
| Type | EgrIpLoadBalancing |
| Enumerated types: | |
| Both | |
| Destination | |
| Source | |

Egress IPv6 ACL**Table 2-897 Egress IPv6 ACL**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the instance of the ACL IPv6 filter. |
| Displayed name | Egress IPv6 ACL |
| OSS name | egressIpv6FilterPointer |
| Read-only | no |
| Tab Panel | Policies.General IPv6 ACL |
| Type | POINTER |

Egress Network Queue Policy**Table 2-898 Egress Network Queue Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the instance of Network Queue Policy |
| Displayed name | Egress Network Queue Policy |
| OSS name | egressNqueuePolicyObjectPointer |
| Read-only | no |
| Tab Panel | QoS General |
| Type | POINTER |

Enable**Table 2-899 Enable**

| Name | Value |
|----------------|-----------------------------------|
| Displayed name | Enable |
| OSS name | valueManager:ldpSyncTimerEnabled |
| Read-only | no |
| Tab Panel | General LDP Synchronization Timer |

Enable Forwarding

Table 2-900 Enable Forwarding

| Name | Value |
|----------------|--------------------|
| Default | yes:false |
| Displayed name | Enable Forwarding |
| OSS name | enableForwarding |
| Read-only | no |
| Tab Panel | General General |
| Type | generic.TruthValue |

Enable Ingress FlowSpec IPv4

Table 2-901 Enable Ingress FlowSpec IPv4

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies if ingress flowspec IPv4 is enabled for this interface. |
| Displayed name | Enable Ingress FlowSpec IPv4 |
| OSS name | ingressFlowspec |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Enable Ingress FlowSpec IPv6

Table 2-902 Enable Ingress FlowSpec IPv6

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies if ingress flowspec IPv6 is enabled for this interface. |
| Displayed name | Enable Ingress FlowSpec IPv6 |
| OSS name | ingressIPv6Flowspec |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Enable Ingress Stats**Table 2-903 Enable Ingress Stats**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies if ingress statistics gathering is enabled for this interface. |
| Displayed name | Enable Ingress Stats |
| OSS name | enableIngressStats |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Enable MAC Accounting Stats**Table 2-904 Enable MAC Accounting Stats**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies if MAC accounting statistics gathering is enabled for this interface. |
| Displayed name | Enable MAC Accounting Stats |
| OSS name | enableMacAccountingStats |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Encapsulation Type**Table 2-905 Encapsulation Type**

| Name | Value |
|----------------|-------------------------|
| Default | yes:unspecified |
| Displayed name | Encapsulation Type |
| OSS name | encapType |
| Read-only | no |
| Tab Panel | Port General |
| Type | equipment.PortEncapType |

GNE

Table 2-906 GNE

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:false |
| Description | Is this a network interface on a GNE? |
| Displayed name | GNE |
| OSS name | isGne |
| Read-only | yes |
| Tab Panel | General GNE |
| Type | BOOL |

Groups Included

Table 2-907 Groups Included

| Name | Value |
|----------------|------------------------------|
| Default | yes:0 |
| Displayed name | Groups Included |
| OSS name | adminGroupInclude |
| Read-only | no |
| Tab Panel | General Administrative Group |
| Type | LONG |
| Units | bitmap |

High Threshold

Table 2-908 High Threshold

| Name | Value |
|----------------|------------------------------|
| Default | yes:1000 |
| Displayed name | High Threshold |
| Minimum | 0 |
| OSS name | monitorMcRedirectHighThresh |
| Read-only | no |
| Tab Panel | McRedirect Threshold Packets |
| Type | INT |

Ingress IP ACL**Table 2-909 Ingress IP ACL**

| Name | Value |
|----------------|-------------------------|
| Default | yes: |
| Displayed name | Ingress IP ACL |
| OSS name | ingressFilterPointer |
| Read-only | no |
| Tab Panel | Policies.General IP ACL |
| Type | POINTER |

Ingress IPv6 ACL**Table 2-910 Ingress IPv6 ACL**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the instance of the ACL IPv6 filter. |
| Displayed name | Ingress IPv6 ACL |
| OSS name | ingressIpv6FilterPointer |
| Read-only | no |
| Tab Panel | Policies.General IPv6 ACL |
| Type | POINTER |

Inner Encapsulation Value**Table 2-911 Inner Encapsulation Value**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Provisioned inner encaps value. This value is propagated into: terminatedPortInnerEncapValue. |
| Displayed name | Inner Encapsulation Value |
| OSS name | innerEncapValue |
| Read-only | no |
| Tab Panel | Port General |
| Type | INT |

Interface Encap Type

Table 2-912 Interface Encap Type

| Name | Value |
|--------------------------|---|
| Default | yes:ethernet2 |
| Description | This is the encapsulation type of the IP Interface. Only applicable for AOS Node types. |
| Displayed name | Interface Encap Type |
| OSS name | encapsulationType |
| Read-only | no |
| Tab Panel | General General |
| Type | EncapType |
| Enumerated types: | |
| Ethernet2 | |
| SNAP | |

Interface ID

Table 2-913 Interface ID

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Interface ID |
| Mandatory on creation | yes |
| Maximum | 5119 |
| Minimum | 1 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

IPv6 Allowed

Table 2-914 IPv6 Allowed

| Name | Value |
|----------------|--------------|
| Default | yes:false |
| Displayed name | IPv6 Allowed |
| OSS name | ipv6Allowed |

Table 2-914 IPv6 Allowed (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

IPv6 Operational State**Table 2-915 IPv6 Operational State**

| Name | Value |
|----------------|------------------------|
| Default | yes:vRtrIfUnknown |
| Displayed name | IPv6 Operational State |
| OSS name | ipv6OperationalState |
| Read-only | yes |
| Tab Panel | General General |
| Type | netw.OperationalState |

L4 Load Balance**Table 2-916 L4 Load Balance**

| Name | Value |
|--------------------------|--|
| Default | yes:system |
| Description | aluVrtrIfL4LoadBalancing specifies the load balancing algorithm to be used on this interface. When the value is 'includeL4', the src and dst port are used in the hashing algorithm. When it's 'excludeL4', they are not included. When the value is 'system', the port inherits the global settings in {netw.NetworkElement.l4LoadBalancing}. |
| Displayed name | L4 Load Balance |
| OSS name | aluIfL4LoadBalancing |
| Read-only | no |
| Tab Panel | General General |
| Type | AluIfL4LoadBalancing |
| Enumerated types: | |
| Exclude L4 | |
| Include L4 | |
| System | |

LAG Link Map Profile**Table 2-917 LAG Link Map Profile**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the LAG Link Mapping Profile |
| Displayed name | LAG Link Map Profile |
| OSS name | lagLinkMapProfilePointer |
| Read-only | no |
| Tab Panel | Port General |
| Type | POINTER |

Last Operational State Change**Table 2-918 Last Operational State Change**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the sysUpTime when the operational state of this interface last changed. |
| Displayed name | Last Operational State Change |
| OSS name | lastOperStateChange |
| Read-only | yes |
| Tab Panel | General General |
| Type | DATE |

LDP Synchronization Timer**Table 2-919 LDP Synchronization Timer**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies a time interval used for IGP-LDP synchronization. |
| Displayed name | LDP Synchronization Timer |
| Maximum | 1800 |
| Minimum | 0 |
| OSS name | ldpSyncTimer |
| Read-only | no |
| Tab Panel | General LDP Synchronization Timer |

Table 2-919 LDP Synchronization Timer (continued)

| Name | Value |
|-------|---------|
| Type | INT |
| Units | seconds |

Link Local Address**Table 2-920 Link Local Address**

| Name | Value |
|----------------|--------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Link Local Address |
| OSS name | linkLocalAddress |
| Read-only | yes |
| Tab Panel | General General |
| Type | INETADDR |

Link Local Address State**Table 2-921 Link Local Address State**

| Name | Value |
|--------------------------|--------------------------|
| Default | yes:unknown |
| Displayed name | Link Local Address State |
| OSS name | linkLocalAddressState |
| Read-only | yes |
| Tab Panel | General General |
| Type | IPv6AddressState |
| Enumerated types: | |
| deprecated | |
| duplicated | |
| inaccessible | |
| preferred | |
| tentative | |
| unknown | |

Local DHCP Server

Table 2-922 Local DHCP Server

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the instance of local DHCP server. |
| Displayed name | Local DHCP Server |
| OSS name | localDhcpServerPointer |
| Read-only | no |
| Tab Panel | Local DHCP General |
| Type | POINTER |

Local DHCPv6 Server

Table 2-923 Local DHCPv6 Server

| Name | Value |
|----------------|-----------------------------------|
| Default | yes: |
| Description | Pointer to a Local DHCPv6 server. |
| Displayed name | Local DHCPv6 Server |
| OSS name | localDhcp6ServerPointer |
| Read-only | no |
| Tab Panel | Local DHCP General |
| Type | POINTER |

Loopback Enabled

Table 2-924 Loopback Enabled

| Name | Value |
|----------------|------------------|
| Default | yes:false |
| Displayed name | Loopback Enabled |
| OSS name | loopbackEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Low Threshold**Table 2-925 Low Threshold**

| Name | Value |
|----------------|------------------------------|
| Default | yes:500 |
| Displayed name | Low Threshold |
| Minimum | 0 |
| OSS name | monitorMcRedirectLowThresh |
| Read-only | no |
| Tab Panel | McRedirect Threshold Packets |
| Type | INT |

LSR IP Load Balancing**Table 2-926 LSR IP Load Balancing**

| Name | Value |
|--------------------------|--|
| Default | yes:system |
| Description | The value of ifLsrIpLoadBalancing specifies whether the IP Header is used in the LAG and ECMP LSR hashing algorithm. This is the per interface setting. When set to 'label-only (1)' only the label is used in the hashing algorithm. When set to 'label-ip (2)', the IP Header is included in the hashing algorithm. When set to 'ip-only (3)' the IP Header is used exclusively in the hashing algorithm. When set to 'system (0)', the hashing algorithm is inherited from the setting of 'lsrIpLoadBalancing' under the NetworkElement object. |
| Displayed name | LSR IP Load Balancing |
| OSS name | ifLsrIpLoadBalancing |
| Read-only | no |
| Tab Panel | General Load Balancing |
| Type | IfLsrIpLoadBalancing |
| Enumerated types: | |
| Ethernet Encapsulated IP | |
| IP Only | |
| Label IP | |
| Label Only | |
| System | |

MAC Address**Table 2-927 MAC Address**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | MAC Address |
| OSS name | physicalAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | MACADDR |

Maximum Frame Size Mismatch**Table 2-928 Maximum Frame Size Mismatch**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value is set to 'true' when the provisioned MTU value is greater than the actual MTU value (provisionedMtu > actualMtu). |
| Displayed name | Maximum Frame Size Mismatch |
| OSS name | mtuMismatch |
| Read-only | yes |
| Tab Panel | Port General |
| Type | BOOL |

Monitor McRedirect**Table 2-929 Monitor McRedirect**

| Name | Value |
|----------------|--------------------|
| Default | yes:false |
| Displayed name | Monitor McRedirect |
| OSS name | monitorMcRedirect |
| Read-only | no |
| Tab Panel | McRedirect General |
| Type | BOOL |

Name**Table 2-930 Name**

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Mandatory on creation | yes |
| Maximum | 40 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

NE DDoS Protection Policy**Table 2-931 NE DDoS Protection Policy**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Associates Distributed CPU Protection Policy with a Base Router Interface. |
| Displayed name | NE DDoS Protection Policy |
| OSS name | dCpuProtectionPolicyPointer |
| Read-only | no |
| Tab Panel | Security NE Protection |
| Type | POINTER |

NE DoS Protection**Table 2-932 NE DoS Protection**

| Name | Value |
|----------------|---|
| Default | yes:NE DoS Protection:255 |
| Description | Pointer specifies the DoS Protection Policy that is applicable to this interface. |
| Displayed name | NE DoS Protection |
| OSS name | dosProtection |
| Read-only | no |
| Tab Panel | Security NE Protection |

Table 2-932 NE DoS Protection (continued)

| Name | Value |
|------|---------|
| Type | POINTER |

Network Policy

Table 2-933 Network Policy

| Name | Value |
|----------------|----------------------------|
| Default | yes:Network:1 |
| Displayed name | Network Policy |
| OSS name | networkPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Network |
| Type | POINTER |

Operational State

Table 2-934 Operational State

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General General |
| Type | OperationalState |

Operational State Reason

Table 2-935 Operational State Reason

| Name | Value |
|----------------|--------------------------|
| Displayed name | Operational State Reason |
| OSS name | operStateReason |
| Read-only | yes |
| Tab Panel | General General |
| Type | OperStateReason |

Table 2-935 Operational State Reason (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Admin Down | |
| Device Down | |
| Interface Up | |
| No Router MAC | |
| No Such Device | |
| Tunnel Dest Unreachable | |
| Tunnel Src Invalid | |
| Unbound | |

Outer Encapsulation Value**Table 2-936 Outer Encapsulation Value**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Provisioned outer encap value. This value is propagated into: terminatedPortOuterEncapValue. |
| Displayed name | Outer Encapsulation Value |
| Maximum | 4094 |
| Minimum | 0 |
| OSS name | outerEncapValue |
| Read-only | no |
| Tab Panel | Port General |
| Type | INT |

PIM RP Delayed Up Period**Table 2-937 PIM RP Delayed Up Period**

| Name | Value |
|----------------|--------------------------|
| Default | yes:0 |
| Displayed name | PIM RP Delayed Up Period |
| Maximum | 1200 |
| Minimum | 0 |

Table 2-937 PIM RP Delayed Up Period (continued)

| Name | Value |
|-------------|----------------------|
| OSS name | pimRPDelayedUpPeriod |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

PIM RP Delayed Up Timer

Table 2-938 PIM RP Delayed Up Timer

| Name | Value |
|----------------|-------------------------|
| Default | yes:-1 |
| Displayed name | PIM RP Delayed Up Timer |
| Maximum | 300 |
| Minimum | -1 |
| OSS name | pimRPDelayedUpTimer |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Policy Accounting Template

Table 2-939 Policy Accounting Template

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The value points to the policy accounting template created under Routing policies. |
| Displayed name | Policy Accounting Template |
| OSS name | policyAccountingTemplatePointer |
| Read-only | no |
| Tab Panel | Policies.General Routing Ingress Accounting Template |
| Type | POINTER |

Port**Table 2-940 Port**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Port |
| Maximum | 252 |
| OSS name | portName |
| Read-only | yes |
| Tab Panel | Port General |
| Type | STRING |

Port ID**Table 2-941 Port ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0 |
| Displayed name | Port ID |
| OSS name | portId |
| Read-only | yes |
| Tab Panel | Port General |
| Type | LONG |

Provisioned Maximum Frame Size**Table 2-942 Provisioned Maximum Frame Size**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:1500 |
| Displayed name | Provisioned Maximum Frame Size |
| OSS name | provisionedMtu |
| Read-only | yes |
| Tab Panel | Port General |
| Type | INT |
| Units | bytes |

PTP HW Assist**Table 2-943 PTP HW Assist**

| Name | Value |
|----------------|---------------------|
| Displayed name | PTP HW Assist |
| OSS name | ptpVrtrIfAdminState |
| Read-only | no |
| Tab Panel | General PTP HW |

PTP Interface**Table 2-944 PTP Interface**

| Name | Value |
|----------------|-----------------|
| Default | yes:false |
| Displayed name | PTP Interface |
| OSS name | isPtpInterface |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

QoS Route Lookup IPv4**Table 2-945 QoS Route Lookup IPv4**

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | QoS classification of the ingress IPv4 packets on an interface based on the QoS information associated with routes in the forwarding table. |
| Displayed name | QoS Route Lookup IPv4 |
| OSS name | qosRouteLookupIpv4 |
| Read-only | no |
| Tab Panel | General General |
| Type | QosLookup |
| Enumerated types: | |
| Destination | |
| None | |
| Source | |

QoS Route Lookup IPv6**Table 2-946 QoS Route Lookup IPv6**

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | QoS classification of the ingress IPv6 packets on an interface based on the QoS information associated with routes in the forwarding table. |
| Displayed name | QoS Route Lookup IPv6 |
| OSS name | qosRouteLookupIpv6 |
| Read-only | no |
| Tab Panel | General General |
| Type | QosLookup |
| Enumerated types: | |
| Destination | |
| None | |
| Source | |

Queue Group Instance ID**Table 2-947 Queue Group Instance ID**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the instance of the egress queue group for this interface. |
| Displayed name | Queue Group Instance ID |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | qosEgrQGrpInstanceId |
| Read-only | no |
| Tab Panel | Policies.General Network Egress Port Redirect |
| Type | LONG |

Queue Group Instance ID**Table 2-948 Queue Group Instance ID**

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 2-948 Queue Group Instance ID (continued)

| Name | Value |
|----------------|---|
| Description | Specifies the instance of the forwarding-plane ingress queue group for this interface |
| Displayed name | Queue Group Instance ID |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | qosIngQGrpInstanceId |
| Read-only | no |
| Tab Panel | Policies.General Network Ingress Forwarding Plane Redirect |
| Type | LONG |

Queue Group Template Policy**Table 2-949 Queue Group Template Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the forwarding-plane queue group policy for this interface. |
| Displayed name | Queue Group Template Policy |
| OSS name | qosIngFpRedirectQGrpPointer |
| Read-only | no |
| Tab Panel | Policies.General Network Ingress Forwarding Plane Redirect |
| Type | POINTER |

Queue Group Template Policy**Table 2-950 Queue Group Template Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Displayed name | Queue Group Template Policy |
| OSS name | redirectQueueGroupPointer |
| Read-only | no |
| Tab Panel | Policies.General Network Egress Port Redirect |
| Type | POINTER |

RADIUS Proxy Server**Table 2-951 RADIUS Proxy Server**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Pointer to a RADIUS Proxy Server. Setting this pointer binds the interface to a particular RADIUS Proxy Server and creates an instance of aaa.RadiusProxyInterface. Clearing this pointer deletes the associated RADIUS Proxy Interface. |
| Displayed name | RADIUS Proxy Server |
| OSS name | radiusProxyServerPointer |
| Read-only | no |
| Tab Panel | RADIUS Proxy Server General |
| Type | POINTER |

Routing Instance ID**Table 2-952 Routing Instance ID**

| Name | Value |
|----------------|--------------------------|
| Default | yes:1 |
| Displayed name | Routing Instance ID |
| Maximum | 10240 |
| Minimum | 1 |
| OSS name | routerId |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | INT |

Routing Instance Name**Table 2-953 Routing Instance Name**

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Routing Instance Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | routerName |

Table 2-953 Routing Instance Name (continued)

| Name | Value |
|-------------|--------------------------|
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | STRING |

Show Link In IGP Topology**Table 2-954 Show Link In IGP Topology**

| Name | Value |
|--------------------------------------|---|
| Default | yes:policy |
| Description | Indicates the link associated with this interface should be showed on the IGP topology map. |
| Displayed name | Show Link In IGP Topology |
| OSS name | showLinkInIgpTopology |
| Read-only | no |
| Tab Panel | General General |
| Type | IgpTopologyType |
| Enumerated types: | |
| Derive from Non-Routed Edge policies | |
| No | |
| Yes | |

Site ID**Table 2-955 Site ID**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site ID**Table 2-956 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 2-957 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

SPI Load Balancing**Table 2-958 SPI Load Balancing**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether SPI use in hashing is enabled on the configured router interface. |
| Displayed name | SPI Load Balancing |
| OSS name | spiLoadBalancing |
| Read-only | no |
| Tab Panel | General Load Balancing |
| Type | BOOL |

State Qualifier**Table 2-959 State Qualifier**

| Name | Value |
|----------------|---|
| Default | yes:OK |
| Description | This value is derived from underlyingResourceState and/or resourceState attributes. If the underlyingResourceState is not 'OK' and is not 'unspecified' the value of compositeState will be set to the same value as underlyingResourceState. Otherwise the value of compositeState will be set to the same value as resourceState. |
| Displayed name | State Qualifier |
| OSS name | compositeState |
| Read-only | yes |
| Tab Panel | General General |
| Type | ResourceCompositeState |

Strip Label**Table 2-960 Strip Label**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value of stripLabel specifies whether a packet received on the interface will have its MPLS labels stripped from the packet (true) or not (false). |
| Displayed name | Strip Label |
| OSS name | stripLabel |
| Read-only | no |
| Tab Panel | General General |
| Type | generic.TruthValue |

TCP-MSS IPv4**Table 2-961 TCP-MSS IPv4**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | This property specifies the TCP maximum segment size(MSS) for TCP connections originated from the associated IP interface. The valid range is [0, 480-9158]. |
| Displayed name | TCP-MSS IPv4 |
| Maximum | 9158 |
| Minimum | 0 |

Table 2-961 TCP-MSS IPv4 (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | tcpMss |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

TCP-MSS IPv6**Table 2-962 TCP-MSS IPv6**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | This property specifies the TCP maximum segment size(MSS) for TCP connections originated from the associated IPv6 interface. The valid range is [0, 1220-9138]. |
| Displayed name | TCP-MSS IPv6 |
| Maximum | 9138 |
| Minimum | 0 |
| OSS name | tcpMssIpv6 |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

TEID Load Balancing**Table 2-963 TEID Load Balancing**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether TEID load balancing is enabled for GTP-U/GTP-C tunnels on all configured Router interfaces. |
| Displayed name | TEID Load Balancing |
| OSS name | ifTeIdLoadBalancing |
| Read-only | no |
| Tab Panel | General Load Balancing |
| Type | BOOL |

Trusted

Table 2-964 Trusted

| Name | Value |
|----------------|--------------------|
| Default | yes:true |
| Displayed name | Trusted |
| OSS name | isTrusted |
| Read-only | no |
| Tab Panel | General General |
| Type | generic.TruthValue |

Type

Table 2-965 Type

| Name | Value |
|----------------|-----------------|
| Default | yes:unspecified |
| Displayed name | Type |
| OSS name | domain |
| Read-only | yes |
| Tab Panel | General General |
| Type | DomainType |

Underlying Port State

Table 2-966 Underlying Port State

| Name | Value |
|----------------|---|
| Default | yes:noAssociation |
| Description | State of the underlying resource. (An underlying resource is for example a netw.ConnectionTerminationPoint) |
| Displayed name | Underlying Port State |
| OSS name | underlyingResourceState |
| Read-only | yes |
| Tab Panel | Port General |
| Type | UnderlyingResourceState |

Unnumbered Reference**Table 2-967 Unnumbered Reference**

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | Unnumbered Reference |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | unnumberedReference |
| Read-only | no |
| Tab Panel | General Unnumbered |
| Type | STRING |

Unnumbered Type**Table 2-968 Unnumbered Type**

| Name | Value |
|--------------------------|-------------------------|
| Default | yes:system |
| Displayed name | Unnumbered Type |
| OSS name | unnumberedReferenceType |
| Read-only | no |
| Tab Panel | General Unnumbered |
| Type | UnnumberedReferenceType |
| Enumerated types: | |
| IP Address | |
| Name | |
| System | |

URPF Check Mode IPv4**Table 2-969 URPF Check Mode IPv4**

| Name | Value |
|----------------|---|
| Default | yes:strict |
| Description | Specifies the mode of unicast RPF check for IPv4. It is applicable only when uRPFCheckState is set to 'enabled'." |
| Displayed name | URPF Check Mode IPv4 |

Table 2-969 URPF Check Mode IPv4 (continued)

| Name | Value |
|--------------------------|---------------------|
| OSS name | uRPFCheckMode |
| Read-only | no |
| Tab Panel | General Unicast RPF |
| Type | URPFCheckMode |
| Enumerated types: | |
| | Loose |
| | Strict |
| | Strict-No-Ecmp |

URPF Check Mode IPv6**Table 2-970 URPF Check Mode IPv6**

| Name | Value |
|--------------------------|--|
| Default | yes:strict |
| Description | Specifies the mode of unicast RPF check for IPv6. It is applicable only when uRPFCheckStateIpv6 is set to 'enabled'. |
| Displayed name | URPF Check Mode IPv6 |
| OSS name | uRPFCheckModeIpv6 |
| Read-only | no |
| Tab Panel | General Unicast RPF |
| Type | URPFCheckMode |
| Enumerated types: | |
| | Loose |
| | Strict |
| | Strict-No-Ecmp |

URPF Check State IPv4**Table 2-971 URPF Check State IPv4**

| Name | Value |
|----------------|--|
| Default | yes:disabled |
| Description | Specifies whether unicast RPF (uRPF) Check is enabled for IPv4 on the interface. |
| Displayed name | URPF Check State IPv4 |

Table 2-971 URPF Check State IPv4 (continued)

| Name | Value |
|-------------|-------------------------|
| OSS name | uRPFCheckState |
| Read-only | no |
| Tab Panel | General Unicast RPF |
| Type | generic.EnabledDisabled |

URPF Check State IPv6**Table 2-972 URPF Check State IPv6**

| Name | Value |
|----------------|--|
| Default | yes:disabled |
| Description | Specifies whether unicast RPF (uRPF) Check is enabled for IPv6 on the interface. |
| Displayed name | URPF Check State IPv6 |
| OSS name | uRPFCheckStateIpv6 |
| Read-only | no |
| Tab Panel | General Unicast RPF |
| Type | generic.EnabledDisabled |

URPF Ignore Default IPv4**Table 2-973 URPF Ignore Default IPv4**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies if the default route is to be disregarded while performing the uRPF check for IPv4 on the interface. |
| Displayed name | URPF Ignore Default IPv4 |
| OSS name | uRPFIgnoreDefault |
| Read-only | no |
| Tab Panel | General Unicast RPF |
| Type | BOOL |

URPF Ignore Default IPv6

Table 2-974 URPF Ignore Default IPv6

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies if the default route is to be disregarded while performing the uRPF check for IPv6 on the interface. |
| Displayed name | URPF Ignore Default IPv6 |
| OSS name | uRPFIgnoreDefaultIpv6 |
| Read-only | no |
| Tab Panel | General Unicast RPF |
| Type | BOOL |

VLAN

Table 2-975 VLAN

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the instance of local DHCP server. |
| Displayed name | VLAN |
| OSS name | vlanPointer |
| Read-only | no |
| Tab Panel | VLAN VLAN |
| Type | POINTER |

Zone Id

Table 2-976 Zone Id

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Zone Id |
| OSS name | zonePointer |
| Read-only | no |
| Tab Panel | Zone General |
| Type | POINTER |

Network Interface Facility Binding parameters

Channel Type

Table 2-977 Channel Type

| Name | Value |
|--------------------------|---|
| Description | The ECC type of the referred ECC Channel. |
| Displayed name | Channel Type |
| OSS name | gccChannelType |
| Read-only | no |
| Tab Panel | General General |
| Type | GccChannelType |
| Enumerated types: | |
| GCC0 | |
| GCC1 | |
| GCC2 | |

Facility Name

Table 2-978 Facility Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Facility Name |
| Maximum | 252 |
| OSS name | ifFacilityName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

no

Table 2-979 no

| Name | Value |
|-----------------------|-------|
| Default | yes: |
| Displayed name | no |
| Mandatory on creation | yes |

Table 2-979 no (continued)

| Name | Value |
|-------------|-------------------|
| OSS name | ifFacilityPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Protection Status

Table 2-980 Protection Status

| Name | Value |
|--------------------------|-------------------------|
| Displayed name | Protection Status |
| OSS name | protectionStatus |
| Read-only | no |
| Tab Panel | General General |
| Type | NetworkIfProtectionType |
| Enumerated types: | |
| Disabled | |
| FLT | |
| Standby | |
| Working | |

yes

Table 2-981 yes

| Name | Value |
|-----------------------|--------------------------|
| Default | yes:clientTransparentOdu |
| Displayed name | yes |
| Mandatory on creation | yes |
| OSS name | ifFacilityContainerType |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.OduContainerType |

NTP NE Config parameters

Admin State

Table 2-982 Admin State

| Name | Value |
|-----------------------------|--|
| Default | yes:3 |
| Description | This specifies the desired administrative state of NTP |
| Displayed name | Admin State |
| OSS name | ntpAdminState |
| Read-only | no |
| Tab Panel | General NTP Attributes |
| Type | NtpAdminState |
| Enumerated types: | |
| All Servers Reachable | |
| Down | |
| No Server Reachable | |
| Noop | |
| Only Main Server Reachable | |
| Only Spare Server Reachable | |
| Up | |

Authentication Check

Table 2-983 Authentication Check

| Name | Value |
|----------------|--|
| Default | yes:true |
| Description | This specifies whether or not to skip the rejection of NTP PDUs that do not match the authentication key or authentication type requirements. When authenticationCheck has a value of 'true', authentication PDUs are generated and NTP PDUs are authenticated upon receipt. |
| Displayed name | Authentication Check |
| OSS name | authenticationCheck |
| Read-only | no |
| Tab Panel | General NTP Attributes |
| Type | BOOL |

Clock Source

Table 2-984 Clock Source

| Name | Value |
|----------------|------------------------|
| Default | no |
| Displayed name | Clock Source |
| OSS name | ntpSysRefId |
| Read-only | no |
| Tab Panel | General NTP Attributes |
| Type | STRING |

Current Server

Table 2-985 Current Server

| Name | Value |
|----------------|---------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Current Server |
| OSS name | ntpServerCurrentIpAddress |
| Read-only | no |
| Tab Panel | General NTP |
| Type | IPADDR |

DaylightSavingsTime Configured

Table 2-986 DaylightSavingsTime Configured

| Name | Value |
|----------------|--------------------------------|
| Displayed name | DaylightSavingsTime Configured |
| OSS name | daylightSavingsConfigured |
| Read-only | no |
| Tab Panel | General NTP |
| Type | BOOL |

Drift (Microsecond/second)**Table 2-987 Drift (Microsecond/second)**

| Name | Value |
|----------------|----------------------------|
| Displayed name | Drift (Microsecond/second) |
| OSS name | drift |
| Read-only | no |
| Tab Panel | General NTP |
| Type | STRING |

MDA Time Stamp**Table 2-988 MDA Time Stamp**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | This specifies whether the NTP origin timestamp is generated by the MDA. Also the ntpMdaTimeStamp indicates that the reception time of NTP packets is performed by the MDA. MDA timestamping cannot be enabled if servers are configured with authentication enabled. Enabling MDA timestamping will not affect NTP packets that are transmitted or received on the management port. |
| Displayed name | MDA Time Stamp |
| OSS name | ntpMdaTimeStamp |
| Read-only | no |
| Tab Panel | General NTP Attributes |
| Type | BOOL |

NTP Clock Mode**Table 2-989 NTP Clock Mode**

| Name | Value |
|--------------------------|----------------|
| Displayed name | NTP Clock Mode |
| OSS name | clockMode |
| Read-only | no |
| Tab Panel | General NTP |
| Type | NtpClockMode |
| Enumerated types: | |
| FreeRunning | |

Table 2-989 NTP Clock Mode (continued)

| Name | Value |
|------------------|-------|
| Holdover | |
| NtpSync | |
| NtpSyncRedundant | |

NTP Enabled

Table 2-990 NTP Enabled

| Name | Value |
|----------------|-------------|
| Displayed name | NTP Enabled |
| OSS name | ntpEnable |
| Read-only | no |
| Tab Panel | General NTP |
| Type | BOOL |

NTP Scale

Table 2-991 NTP Scale

| Name | Value |
|----------------|-------------|
| Default | yes:10 |
| Displayed name | NTP Scale |
| OSS name | ntpScale |
| Read-only | no |
| Tab Panel | General NTP |
| Type | INT |

NTP Server

Table 2-992 NTP Server

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This specifies whether or not the NTP configuration is acting as a NTP server or not. |
| Displayed name | NTP Server |
| OSS name | ntpConfigServer |

Table 2-992 NTP Server (continued)

| Name | Value |
|-------------|------------------------|
| Read-only | no |
| Tab Panel | General NTP Attributes |
| Type | BOOL |

NTP State**Table 2-993 NTP State**

| Name | Value |
|--------------------------|---|
| Default | yes:delete |
| Description | This specifies whether or not NTP is configured to execute in the system. |
| Displayed name | NTP State |
| OSS name | ntpStatus |
| Read-only | no |
| Tab Panel | General General |
| Type | NtpStatus |
| Enumerated types: | |
| Disabled | |
| Enabled | |

NTP Synched**Table 2-994 NTP Synched**

| Name | Value |
|----------------|-------------|
| Displayed name | NTP Synched |
| OSS name | ntpSynched |
| Read-only | no |
| Tab Panel | General NTP |
| Type | BOOL |

Operational State**Table 2-995 Operational State**

| Name | Value |
|-----------------------------|--|
| Default | no |
| Description | This indicates the current operational state for NTP |
| Displayed name | Operational State |
| OSS name | ntpOperState |
| Read-only | no |
| Tab Panel | General NTP Attributes |
| Type | NtpAdminState |
| Enumerated types: | |
| All Servers Reachable | |
| Down | |
| No Server Reachable | |
| Noop | |
| Only Main Server Reachable | |
| Only Spare Server Reachable | |
| Up | |

Server Authenticate**Table 2-996 Server Authenticate**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This specifies whether or not to require authentication of NTP PDUs when acting as a server. When ntpConfigServerAuthenticate has a value of 'true', NTP PDUs are authenticated upon receipt. |
| Displayed name | Server Authenticate |
| OSS name | ntpConfigServerAuthenticate |
| Read-only | no |
| Tab Panel | General NTP Attributes |
| Type | BOOL |

Site ID**Table 2-997 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 2-998 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Stratum**Table 2-999 Stratum**

| Name | Value |
|----------------|------------------------|
| Default | no |
| Displayed name | Stratum |
| OSS name | ntpSysStratum |
| Read-only | no |
| Tab Panel | General NTP Attributes |
| Type | STRING |

Time Offset Hours

Table 2-1000 Time Offset Hours

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Time Offset Hours |
| Maximum | 12 |
| Minimum | -12 |
| OSS name | timeOffsetHours |
| Read-only | no |
| Tab Panel | General NTP |
| Type | INT |

Time Offset Mins

Table 2-1001 Time Offset Mins

| Name | Value |
|----------------|------------------|
| Default | yes:0 |
| Displayed name | Time Offset Mins |
| Maximum | 59 |
| Minimum | 0 |
| OSS name | timeOffsetMins |
| Read-only | no |
| Tab Panel | General NTP |
| Type | INT |

Time Offset Seconds

Table 2-1002 Time Offset Seconds

| Name | Value |
|----------------|---------------------|
| Default | yes:0 |
| Displayed name | Time Offset Seconds |
| OSS name | timeOffsetSeconds |
| Read-only | no |
| Tab Panel | General NTP |
| Type | STRING |

Timezone**Table 2-1003 Timezone**

| Name | Value |
|----------------|-------------|
| Default | yes: |
| Displayed name | Timezone |
| Maximum | 128 |
| Minimum | 0 |
| OSS name | timezone |
| Read-only | no |
| Tab Panel | General NTP |
| Type | STRING |

NTP Server parameters

Address Type**Table 2-1004 Address Type**

| Name | Value |
|----------------|-----------------------|
| Default | yes:ipv4 |
| Displayed name | Address Type |
| OSS name | ntpServersAddressType |
| Read-only | no |
| Tab Panel | General General |
| Type | rtr.InetAddressType |

Authentication Key Id**Table 2-1005 Authentication Key Id**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | This specifies the key-id of the authentication key and its authentication type used by this node to receive and transmit NTP packets to and from an NTP node. |
| Displayed name | Authentication Key Id |
| Maximum | 255 |
| Minimum | 0 |

Table 2-1005 Authentication Key Id (continued)

| Name | Value |
|-------------|--------------------|
| OSS name | ntpServerAuthKeyId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

ClockType**Table 2-1006 ClockType**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | ClockType |
| OSS name | clockType |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Delay**Table 2-1007 Delay**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Delay |
| OSS name | delay |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Index**Table 2-1008 Index**

| Name | Value |
|----------------|-------|
| Displayed name | Index |
| Maximum | 3 |

Table 2-1008 Index (continued)

| Name | Value |
|-------------|-----------------|
| Minimum | 1 |
| OSS name | index |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

IP Address

Table 2-1009 IP Address

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | This specifies the ip address that uniquely identifies a node that will provide time to the NTP client of this system. |
| Displayed name | IP Address |
| Mandatory on creation | yes |
| OSS name | ipAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Is Active

Table 2-1010 Is Active

| Name | Value |
|----------------|-----------------|
| Default | yes:false |
| Displayed name | Is Active |
| OSS name | isActive |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Jitter**Table 2-1011 Jitter**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Jitter |
| OSS name | jitter |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Key Index**Table 2-1012 Key Index**

| Name | Value |
|----------------|-----------------|
| Default | no |
| Displayed name | Key Index |
| OSS name | keyIndex |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

NTP Version**Table 2-1013 NTP Version**

| Name | Value |
|--------------------------|--|
| Default | yes:4 |
| Description | This specifies the NTP version number generated or accepted by this node in NTP packets. |
| Displayed name | NTP Version |
| OSS name | ntpServerVersion |
| Read-only | no |
| Tab Panel | General General |
| Type | NTPVersion |
| Enumerated types: | |
| | version-2 |
| | version-3 |

Table 2-1013 NTP Version (continued)

| Name | Value |
|-----------|-------|
| version-4 | |

Offset**Table 2-1014 Offset**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Offset |
| OSS name | offset |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

PollingInterval**Table 2-1015 PollingInterval**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | PollingInterval |
| OSS name | pollingInterval |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Preferred Server**Table 2-1016 Preferred Server**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | This specifies whether or not this is the preferred NTP server to receive time from. |
| Displayed name | Preferred Server |
| OSS name | ntpServerPrefer |
| Read-only | no |

Table 2-1016 Preferred Server (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | BOOL |

Primary State**Table 2-1017 Primary State**

| Name | Value |
|----------------|--------------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.PrimaryStateType |

PTP Server**Table 2-1018 PTP Server**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Ptp is a special value of ntp server that is equal to ipv4 address 127.127.1.0 |
| Displayed name | PTP Server |
| OSS name | ntpPtpServer |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Reach**Table 2-1019 Reach**

| Name | Value |
|----------------|-------|
| Default | yes: |
| Displayed name | Reach |
| OSS name | reach |

Table 2-1019 Reach (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

ReferenceID

Table 2-1020 ReferenceID

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | ReferenceID |
| OSS name | referenceID |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Secondary State

Table 2-1021 Secondary State

| Name | Value |
|----------------|----------------------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.SecondaryStateType |

Site ID

Table 2-1022 Site ID

| Name | Value |
|----------------|-------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |

Table 2-1022 Site ID (continued)

| Name | Value |
|-------------|--------------|
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name

Table 2-1023 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Status

Table 2-1024 Status

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Status |
| OSS name | status |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Stratum

Table 2-1025 Stratum

| Name | Value |
|---------|-------|
| Default | yes: |

Table 2-1025 Stratum (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Stratum |
| OSS name | stratum |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

OchCtp parameters

Assigned Rate

Table 2-1026 Assigned Rate

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Channel

Table 2-1027 Channel

| Name | Value |
|----------------|---|
| Description | The CWDM or DWDM channel from the ITU grid. |
| Displayed name | Channel |
| OSS name | channel |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.ITUChannel |

Ctp ID

Table 2-1028 Ctp ID

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Layer Type

Table 2-1029 Layer Type

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.LayerType |

Name

Table 2-1030 Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site ID**Table 2-1031 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 2-1032 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

OCS ACL IP Filter parameters

Configuration Mode**Table 2-1033 Configuration Mode**

| Name | Value |
|----------------|------------------------------|
| Default | yes:draft |
| Displayed name | Configuration Mode |
| OSS name | configurationMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |

Table 2-1033 Configuration Mode (continued)

| Name | Value |
|------|-------------------|
| Type | ConfigurationMode |

Discovery State**Table 2-1034 Discovery State**

| Name | Value |
|----------------|--|
| Default | yes:notApplicable |
| Description | Only applicable to the global policy. Set to "InProgress" if the global policy is created as part of the specific NE resync during the full node resync or node discovery. At the end of full node resync, if the resync is successful, the global policy is completely updated from first discovered local policy and its discoveryState is set to "completed". Otherwise, the global policy is not updated and its discoveryState is set to "failed". For "failed" global policy, it will be updated by next successful full node resync or synchronized from the specific local policy. Set to "initialized" if the global policy is created by SNMP trap notification. User may need to synchronize the global policy manually with the specific local policy. Set to "N/A" if the global policy is created or modified by a SAM user. |
| Displayed name | Discovery State |
| OSS name | discoveryState |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DiscoveryState |

Distribution Mode**Table 2-1035 Distribution Mode**

| Name | Value |
|----------------|------------------------------|
| Default | yes:syncWithGlobal |
| Displayed name | Distribution Mode |
| OSS name | distributionMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DistributionMode |

Filter Name

Table 2-1036 Filter Name

| Name | Value |
|----------------------------|-----------------|
| Default | yes:forward |
| Displayed name | Filter Name |
| Mandatory on creation | yes |
| OSS name | filterType |
| Read-only | no |
| Tab Panel | General General |
| Type | IpFilterType |
| Enumerated types: | |
| Control Plane CLI over SSH | |
| Control Plane LMP | |
| Control Plane Management | |
| Control Plane OSPF-TE | |
| Control Plane RSVP | |
| Debug | |
| ICMP | |
| IP Forwarding | |
| MON | |
| NTP | |
| OSPF | |
| TL1 Raw over SSH | |
| TL1 Raw Unsecure | |
| TL1 TELNET over SSH | |
| ZIC | |

Last Sync From

Table 2-1037 Last Sync From

| Name | Value |
|-------------|--|
| Default | yes:N/A |
| Description | Only applicable to the global policy. Set to the siteId if the policy is created as the part of the specific NE resync or by SNMP notification. Set to user name if the policy is created by a SAM user. |

Table 2-1037 Last Sync From (continued)

| Name | Value |
|----------------|------------------------------|
| Displayed name | Last Sync From |
| Maximum | 50 |
| OSS name | origin |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | STRING |

Last Sync Time**Table 2-1038 Last Sync Time**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Only applicable to the global policy. Specifies the time at which latest sync occurred. |
| Displayed name | Last Sync Time |
| OSS name | lastSyncTime |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DATE |

Policy Scope**Table 2-1039 Policy Scope**

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Displayed name | Policy Scope |
| OSS name | isLocal |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | BOOL |

Site ID**Table 2-1040 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 2-1041 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

OCS Alarm Profile parameters**ASAP AID****Table 2-1042 ASAP AID**

| Name | Value |
|----------------|----------|
| Displayed name | ASAP AID |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | asapAid |
| Read-only | yes |

Table 2-1042 ASAP AID (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | STRING |

ASAP Entity Type

Table 2-1043 ASAP Entity Type

| Name | Value |
|--------------------------|------------------|
| Description | ASAPTYPE |
| Displayed name | ASAP Entity Type |
| Mandatory on creation | yes |
| OSS name | entityType |
| Read-only | no |
| Tab Panel | General General |
| Type | AlarmType |
| Enumerated types: | |
| BITS | |
| EQPT | |
| FFP | |
| GBE | |
| GBE10 | |
| GBE100 | |
| GBE40 | |
| IPIPT | |
| LAN | |
| NETIF | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU0TCM | |

Table 2-1043 ASAP Entity Type (continued)

| Name | Value |
|-----------|-------|
| ODU1 | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2ETCM | |
| ODU2TCM | |
| ODU3 | |
| ODU3E2 | |
| ODU3E2TCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4TCM | |
| OMS | |
| OMSOCH | |
| OMSOCHIF | |
| OTS | |
| OTU | |
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E2 | |
| OTU4 | |
| SECU | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| STS1 | |
| STS12C | |
| STS3C | |
| STS48C | |
| TCM | |

Table 2-1043 ASAP Entity Type (continued)

| Name | Value |
|--------|-------|
| TIMING | |
| VC4 | |
| VC416C | |
| VC44C | |

ASAP Profile ID

Table 2-1044 ASAP Profile ID

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | ASAP Profile ID |
| Mandatory on creation | yes |
| Maximum | 1000000 |
| Minimum | 1 |
| OSS name | profileId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Configuration Mode

Table 2-1045 Configuration Mode

| Name | Value |
|----------------|------------------------------|
| Default | yes:draft |
| Displayed name | Configuration Mode |
| OSS name | configurationMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | ConfigurationMode |

Default Profile**Table 2-1046 Default Profile**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates whether the ASAP shall become the default ASAP for that ASAP type. |
| Displayed name | Default Profile |
| OSS name | isDefault |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Discovery State**Table 2-1047 Discovery State**

| Name | Value |
|----------------|--|
| Default | yes:notApplicable |
| Description | Only applicable to the global policy. Set to "inProgress" if the global policy is created as part of the specific NE resync during the full node resync or node discovery. At the end of full node resync, if the resync is successful, the global policy is completely updated from first discovered local policy and its discoveryState is set to "completed". Otherwise, the global policy is not updated and its discoveryState is set to "failed". For "failed" global policy, it will be updated by next successful full node resync or synchronized from the specific local policy. Set to "initialized" if the global policy is created by SNMP trap notification. User may need to synchronize the global policy manually with the specific local policy. Set to "N/A" if the global policy is created or modified by a SAM user. |
| Displayed name | Discovery State |
| OSS name | discoveryState |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DiscoveryState |

Distribution Mode**Table 2-1048 Distribution Mode**

| Name | Value |
|----------------|--------------------|
| Default | yes:syncWithGlobal |
| Displayed name | Distribution Mode |
| OSS name | distributionMode |

Table 2-1048 Distribution Mode (continued)

| Name | Value |
|-------------|------------------------------|
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DistributionMode |

Last Sync From**Table 2-1049 Last Sync From**

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | Only applicable to the global policy. Set to the siteId if the policy is created as the part of the specific NE resync or by SNMP notification. Set to user name if the policy is created by a SAM user. |
| Displayed name | Last Sync From |
| Maximum | 50 |
| OSS name | origin |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | STRING |

Last Sync Time**Table 2-1050 Last Sync Time**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Only applicable to the global policy. Specifies the time at which latest sync occurred. |
| Displayed name | Last Sync Time |
| OSS name | lastSyncTime |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DATE |

Policy Scope

Table 2-1051 Policy Scope

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Displayed name | Policy Scope |
| OSS name | isLocal |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | BOOL |

Site ID

Table 2-1052 Site ID

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name

Table 2-1053 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

System Defined ASAP**Table 2-1054 System Defined ASAP**

| Name | Value |
|----------------|--|
| Description | Indicates whether the ASAP is system defined |
| Displayed name | System Defined ASAP |
| OSS name | isSysDefAsap |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

User Label**Table 2-1055 User Label**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | User Label |
| Maximum | 40 |
| Minimum | 1 |
| OSS name | userLabel |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

OCS ASAP Condition parameters**Condition****Table 2-1056 Condition**

| Name | Value |
|-----------------------|-----------|
| Displayed name | Condition |
| Mandatory on creation | yes |
| Maximum | 20 |
| OSS name | condition |
| Read-only | no |

Table 2-1056 Condition (continued)

| Name | Value |
|--------------------------|-------------------|
| Tab Panel | General General |
| Type | AsapConditionType |
| Enumerated types: | |
| ABNORMAL | |
| ACTLPBK | |
| AINS | |
| AIS | |
| AIS-P | |
| APPLPAN | |
| AUTOSYNCSW | |
| BDI-P | |
| BDI-S | |
| BDI-T | |
| CLKADJ | |
| CONTCOM-FLC | |
| CONTCOM-MTX | |
| CONTCOM-Q1 | |
| CONTCOM-Q2 | |
| CONTCOM-Q3 | |
| CONTCOM-Q4 | |
| CRITICALTEMP | |
| DB-BACKUP | |
| DB-RESTORE | |
| DBF | |
| DRF | |
| DUPSHELFID | |
| DXNOTALGND | |
| EBER | |
| ECCCOM-A | |
| ECCCOM-B | |
| EOC | |
| EXTLANFAIL | |
| EXWKSWBK | |

Table 2-1056 Condition (continued)

| Name | Value |
|---------------|-------|
| EXWKSWPR | |
| FA | |
| FLTBLKD | |
| FLTCLOGCRIT | |
| FLTCLOGHIGH | |
| FLTMISS | |
| FOP-INCON | |
| FOP-NR | |
| FOP-OM | |
| FOP-PM | |
| FOP-SM | |
| FRCDSWTIMREF | |
| FRCDWKSWBK | |
| FRCDWKSWPR | |
| FRNGSYNC | |
| FWMISMATCH | |
| FWUPGRADEFAIL | |
| GFPCSF | |
| GFPEXM | |
| GFPLOF | |
| GFPUPM | |
| HIGHTEMP | |
| HLDOVRSYNC | |
| HWFAIL | |
| HWMCPF | |
| HWSUSP | |
| IMPROPRMVL | |
| INHSDX | |
| INIT | |
| INITNF | |
| INTCLOCKMISS | |
| INTERR-A | |
| INTERR-B | |

Table 2-1056 Condition (continued)

| Name | Value |
|--------------------|-------|
| INTLANDEGR | |
| INTLANFAIL | |
| INTRUSION | |
| INTSYNCMISSA | |
| INTSYNCMISSB | |
| IPCPCONFAIL | |
| LANASYM | |
| LANLEFTRING | |
| LANRIGHTRING | |
| LATCHOPEN | |
| LCK | |
| LCK-T | |
| LCPCONFAIL | |
| LOCKOUTOFPR | |
| LOCKOUTOFTIMREF | |
| LOCKOUTWR | |
| LOF | |
| LOFLOM | |
| LOGBUF90-SECULOG | |
| LOGBUFOVFL-SECULOG | |
| LOL | |
| LOM | |
| LOOMFI | |
| LOP-P | |
| LOS | |
| LOS-OTS | |
| LSS | |
| LSSC | |
| LTC-T | |
| LVCO | |
| MAN | |
| MANSWTIMREF | |
| MANSWTOINT | |

Table 2-1056 Condition (continued)

| Name | Value |
|--------------|-------|
| MANWKSWBK | |
| MANWKSWPR | |
| MISC-1 | |
| MIXOPERAT | |
| MOD | |
| MSIM | |
| MTCESURV | |
| MTCESURVDGR | |
| NEUNAVAIL | |
| NTPOOSYNC | |
| OCI | |
| OCI-T | |
| ODUCSF | |
| OPRTX | |
| OPRUNACHIEVE | |
| OSPFADJFAIL | |
| PLM-P | |
| PMCLR24HTC | |
| PMGLBFTR | |
| PMGLBINPREP | |
| PMGLBREADY | |
| PRCDRERR | |
| PWR | |
| RCVTIMFAIL | |
| RFI | |
| RICORRUPT | |
| RIMISMATCH | |
| SDBER | |
| SDBER-P | |
| SDBER-S | |
| SDBER-T | |
| SERVICING | |
| SHELFUNAVAIL | |

Table 2-1056 Condition (continued)

| Name | Value |
|------------------|-------|
| SHTRANSMFAIL | |
| SLTMSIG | |
| SSF-ETH | |
| SSF-L | |
| SSF-OCH | |
| SSF-P | |
| SSF-S | |
| SSF-T | |
| SSHKEY | |
| SSLCERT | |
| SSLCSR | |
| SSLKEY | |
| SSLMGRCACERT | |
| STBYDBC | |
| SWDWN | |
| SWMISM | |
| SYNCEQPT | |
| SYNCOOS | |
| SYNCREFFAIL | |
| SYNCREFUNEQ | |
| T-BBE-ODU | |
| T-BBE-ODU-1-DAY | |
| T-BBE-ODU-15-MIN | |
| T-BBE-OTU | |
| T-BBE-OTU-1-DAY | |
| T-BBE-OTU-15-MIN | |
| T-BBE-RS-1-DAY | |
| T-BBE-RS-15-MIN | |
| T-BBE-TCM | |
| T-BBE-TCM-1-DAY | |
| T-BBE-TCM-15-MIN | |
| T-CVS | |
| T-ES-ODU | |

Table 2-1056 Condition (continued)

| Name | Value |
|------------------|-------|
| T-ES-ODU-1-DAY | |
| T-ES-ODU-15-MIN | |
| T-ES-OTU | |
| T-ES-OTU-1-DAY | |
| T-ES-OTU-15-MIN | |
| T-ES-RS-1-DAY | |
| T-ES-RS-15-MIN | |
| T-ES-TCM | |
| T-ES-TCM-1-DAY | |
| T-ES-TCM-15-MIN | |
| T-ESS | |
| T-FECC | |
| T-FECC-1-DAY | |
| T-FECC-15-MIN | |
| T-OFS-RS-1-DAY | |
| T-OFS-RS-15-MIN | |
| T-OPR-H | |
| T-OPR-H-1-DAY | |
| T-OPR-H-15-MIN | |
| T-OPR-L | |
| T-OPR-L-1-DAY | |
| T-OPR-L-15-MIN | |
| T-OPT-H | |
| T-OPT-H-1-DAY | |
| T-OPT-H-15-MIN | |
| T-OPT-L | |
| T-OPT-L-1-DAY | |
| T-OPT-L-15-MIN | |
| T-SEFSS | |
| T-SES-ODU | |
| T-SES-ODU-1-DAY | |
| T-SES-ODU-15-MIN | |
| T-SES-OTU | |

Table 2-1056 Condition (continued)

| Name | Value |
|------------------|-------|
| T-SES-OTU-1-DAY | |
| T-SES-OTU-15-MIN | |
| T-SES-RS-1-DAY | |
| T-SES-RS-15-MIN | |
| T-SES-TCM | |
| T-SES-TCM-1-DAY | |
| T-SES-TCM-15-MIN | |
| T-SESS | |
| T-UAS-ODU | |
| T-UAS-ODU-1-DAY | |
| T-UAS-ODU-15-MIN | |
| T-UAS-OTU | |
| T-UAS-OTU-1-DAY | |
| T-UAS-OTU-15-MIN | |
| T-UAS-RS-1-DAY | |
| T-UAS-RS-15-MIN | |
| T-UAS-TCM | |
| T-UAS-TCM-1-DAY | |
| T-UAS-TCM-15-MIN | |
| T-UASS | |
| THERMSHUTD | |
| TIM-P | |
| TIM-S | |
| TIM-T | |
| UAT-HOVC | |
| UAT-ODU | |
| UAT-OTU | |
| UAT-RS | |
| UAT-TCM | |
| UNEQ-P | |
| UPGSWITCH | |
| URU-O | |
| URU-P | |

Table 2-1056 Condition (continued)

| Name | Value |
|--------|-------|
| URU-S | |
| WKSWBK | |
| WKSWPR | |
| WTR | |

Direction

Table 2-1057 Direction

| Name | Value |
|--------------------------|--|
| Description | Direction, indicates the direction of the condition relative to the specified AID. |
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General General |
| Type | AlarmDirectionType |
| Enumerated types: | |
| None | |
| RCV | |
| TRMT | |

Location

Table 2-1058 Location

| Name | Value |
|--------------------------|--|
| Description | Location, identifies the location where the condition type is monitored. |
| Displayed name | Location |
| Mandatory on creation | yes |
| OSS name | location |
| Read-only | no |
| Tab Panel | General General |
| Type | AlarmLocationType |
| Enumerated types: | |

Table 2-1058 Location (continued)

| Name | Value |
|------|-------|
| FEND | |
| NEND | |

Service Effect

Table 2-1059 Service Effect

| Name | Value |
|--------------------------|---|
| Description | Service Effect, identifies the effect on service caused by the event. |
| Displayed name | Service Effect |
| Mandatory on creation | yes |
| OSS name | serviceEffect |
| Read-only | no |
| Tab Panel | General General |
| Type | ServiceEffectType |
| Enumerated types: | |
| NSA | |
| SA | |

Severity

Table 2-1060 Severity

| Name | Value |
|--------------------------|-----------------|
| Displayed name | Severity |
| OSS name | severity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |

Table 2-1060 Severity (continued)

| Name | Value |
|--------------|-------|
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

OCS NE TCA Profiles parameters

Configuration Mode

Table 2-1061 Configuration Mode

| Name | Value |
|----------------|------------------------------|
| Default | yes:draft |
| Displayed name | Configuration Mode |
| OSS name | configurationMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | ConfigurationMode |

Default

Table 2-1062 Default

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates whether the addressed profile is a default profile for the corresponding profile type. |
| Displayed name | Default |
| OSS name | dflt |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Discovery State**Table 2-1063 Discovery State**

| Name | Value |
|----------------|--|
| Default | yes:notApplicable |
| Description | Only applicable to the global policy. Set to "InProgress" if the global policy is created as part of the specific NE resync during the full node resync or node discovery. At the end of full node resync, if the resync is successful, the global policy is completely updated from first discovered local policy and its discoveryState is set to "completed". Otherwise, the global policy is not updated and its discoveryState is set to "failed". For "failed" global policy, it will be updated by next successful full node resync or synchronized from the specific local policy. Set to "initialized" if the global policy is created by SNMP trap notification. User may need to synchronize the global policy manually with the specific local policy. Set to "N/A" if the global policy is created or modified by a SAM user. |
| Displayed name | Discovery State |
| OSS name | discoveryState |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DiscoveryState |

Distribution Mode**Table 2-1064 Distribution Mode**

| Name | Value |
|----------------|------------------------------|
| Default | yes:syncWithGlobal |
| Displayed name | Distribution Mode |
| OSS name | distributionMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DistributionMode |

ID**Table 2-1065 ID**

| Name | Value |
|-----------------------|-------|
| Default | yes:0 |
| Displayed name | ID |
| Mandatory on creation | yes |
| Minimum | 1 |

Table 2-1065 ID (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | profileId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Last Sync From**Table 2-1066 Last Sync From**

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | Only applicable to the global policy. Set to the siteId if the policy is created as the part of the specific NE resync or by SNMP notification. Set to user name if the policy is created by a SAM user. |
| Displayed name | Last Sync From |
| Maximum | 50 |
| OSS name | origin |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | STRING |

Last Sync Time**Table 2-1067 Last Sync Time**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Only applicable to the global policy. Specifies the time at which latest sync occurred. |
| Displayed name | Last Sync Time |
| OSS name | lastSyncTime |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DATE |

Origin Site Name

Table 2-1068 Origin Site Name

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Origin Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Policy Scope

Table 2-1069 Policy Scope

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Displayed name | Policy Scope |
| OSS name | isLocal |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | BOOL |

Site ID

Table 2-1070 Site ID

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name

Table 2-1071 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

TCA Profile ID

Table 2-1072 TCA Profile ID

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | TCA Profile ID |
| Mandatory on creation | yes |
| Maximum | 8 |
| Minimum | 0 |
| OSS name | tcaProfileId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

TCA Profile Type

Table 2-1073 TCA Profile Type

| Name | Value |
|-----------------------|------------------|
| Default | yes:0 |
| Displayed name | TCA Profile Type |
| Mandatory on creation | yes |
| OSS name | groupId |
| Read-only | no |
| Tab Panel | General General |

Table 2-1073 TCA Profile Type (continued)

| Name | Value |
|--------------------------|----------------|
| Type | TCAProfileType |
| Enumerated types: | |
| Card | |
| CD | |
| DGD | |
| Digital Wrapper | |
| E1 | |
| ENCRYPTION | |
| Ethernet | |
| FOFF | |
| Interface | |
| Lane Powers | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU0TCM | |
| ODU1 | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2ETCM | |
| ODU2TCM | |
| ODU3 | |
| ODU3E2 | |
| ODU3E2TCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4TCM | |
| ODURX | |

Table 2-1073 TCA Profile Type (continued)

| Name | Value |
|------------------------|-------|
| ODUTX | |
| OPIN | |
| OPOCHIN | |
| OPOCHOUT | |
| OPOUT | |
| OPR | |
| OPT | |
| OSNR | |
| OTU | |
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E2 | |
| OTU4 | |
| Physical Code Sublayer | |
| Port | |
| PreFEC Bits | |
| SAP | |
| SDH | |
| SONET | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| Two Way DM | |
| Two Way LM | |
| Two Way SLM | |

Userlabel**Table 2-1074 Userlabel**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Userlabel |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

OCS NE TCA Thresholds parameters**Direction****Table 2-1075 Direction**

| Name | Value |
|-----------------------|------------------------|
| Default | yes:rcv |
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General General |
| Type | opticsperf.PMDirection |

Location**Table 2-1076 Location**

| Name | Value |
|-----------------------|----------|
| Default | yes:nend |
| Displayed name | Location |
| Mandatory on creation | yes |
| OSS name | location |

Table 2-1076 Location (continued)

| Name | Value |
|-------------|-----------------------|
| Read-only | no |
| Tab Panel | General General |
| Type | opticsperf.PMLocation |

Monitored Type

Table 2-1077 Monitored Type

| Name | Value |
|--------------------------|-------------------|
| Displayed name | Monitored Type |
| Mandatory on creation | yes |
| OSS name | tcaVariableName |
| Read-only | no |
| Tab Panel | General General |
| Type | StatsVariableName |
| Enumerated types: | |
| Average Power | |
| BBE-ODU | |
| BBE-OTU | |
| BBE-RS | |
| BBE-TCM | |
| Cpu Average Utilization | |
| CV 15 Min Rtr | |
| CV-S | |
| ES-ODU | |
| ES-OTU | |
| ES-RS | |
| ES-S | |
| ES-TCM | |
| FECC | |
| Heap Usage | |
| In Broadcast Packets | |
| In Discards | |
| In Errors | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|---------------------------|-------|
| In Multicast Packets | |
| In Octets | |
| In Packets Not Classified | |
| In Unicast Packets | |
| In Unknown Protocols | |
| Max Power | |
| Max Power Rtr | |
| Max Power Tr | |
| Min Power | |
| Min Power Rtr | |
| Min Power Tr | |
| OFS-RS | |
| Opr Lane Stat Max Power | |
| Opr Lane Stat Min Power | |
| OPR-H | |
| OPR-L | |
| Opt Lane Stat Max Power | |
| Opt Lane Stat Min Power | |
| OPT-H | |
| OPT-L | |
| Out Broadcast Packets | |
| Out Discards | |
| Out Errors | |
| Out Multicast Packets | |
| Out Octets | |
| Out Unicast Packets | |
| Pool Usage | |
| Rx BBEP 1 Day Tr | |
| Rx BBEP 15 Min Rtr | |
| Rx BBEP 15 Min Tr | |
| Rx BER PostFEC | |
| Rx BER PostFEC 1 Day Tr | |
| Rx BER PostFEC 15 Min Rtr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|--------------------------|-------|
| Rx BER PostFEC 15 Min Tr | |
| Rx BER PreFEC | |
| Rx BER PreFEC 1 Day Tr | |
| Rx BER PreFEC 15 Min Rtr | |
| Rx BER PreFEC 15 Min Tr | |
| Rx Broadcast Packets | |
| Rx Collisions | |
| Rx CRC Alignment Errors | |
| Rx CV | |
| Rx CV 1 Day Tr | |
| Rx CV 15 Min Tr | |
| Rx CVL | |
| Rx CVL 1 Day Tr | |
| Rx CVL 15 Min Rtr | |
| Rx CVL 15 Min Tr | |
| Rx CVS | |
| Rx CVS 1 Day Tr | |
| Rx CVS 15 Min Rtr | |
| Rx CVS 15 Min Tr | |
| Rx Drop Events | |
| Rx ES | |
| Rx ES 1 Day Tr | |
| Rx ES 15 Min Rtr | |
| Rx ES 15 Min Tr | |
| Rx ESL | |
| Rx ESL 1 Day Tr | |
| Rx ESL 15 Min Rtr | |
| Rx ESL 15 Min Tr | |
| Rx ESP 1 Day Tr | |
| Rx ESP 15 Min Rtr | |
| Rx ESP 15 Min Tr | |
| Rx ESS | |
| Rx ESS 1 Day Tr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|----------------------|-------|
| Rx ESS 15 Min Rtr | |
| Rx ESS 15 Min Tr | |
| Rx FCL | |
| Rx FCL 1 Day Tr | |
| Rx FCL 15 Min Rtr | |
| Rx FCL 15 Min Tr | |
| Rx FECVL | |
| Rx FECVL 1 Day Tr | |
| Rx FECVL 15 Min Rtr | |
| Rx FECVL 15 Min Tr | |
| Rx FEESL | |
| Rx FEESL 1 Day Tr | |
| Rx FEESL 15 Min Rtr | |
| Rx FEESL 15 Min Tr | |
| Rx FESESL | |
| Rx FESESL 1 Day Tr | |
| Rx FESESL 15 Min Rtr | |
| Rx FESESL 15 Min Tr | |
| Rx FEUASL | |
| Rx FEUASL 1 Day Tr | |
| Rx FEUASL 15 Min Rtr | |
| Rx FEUASL 15 Min Tr | |
| Rx Fragments | |
| Rx Jabbers | |
| Rx Jumbo Packets | |
| Rx MS FE EB | |
| Rx MS FE ES | |
| Rx MS FES ES | |
| Rx MS FEU AS | |
| Rx MSEB | |
| Rx MSEB 1 Day Tr | |
| Rx MSEB 15 Min Rtr | |
| Rx MSEB 15 Min Tr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|-------------------------------------|-------|
| Rx MSES | |
| Rx MSES 1 Day Tr | |
| Rx MSES 15 Min Rtr | |
| Rx MSES 15 Min Tr | |
| Rx MSFEEB 1 Day Tr | |
| Rx MSFEEB 15 Min Rtr | |
| Rx MSFEEB 15 Min Tr | |
| Rx MSFEES 1 Day Tr | |
| Rx MSFEES 15 Min Rtr | |
| Rx MSFEES 15 Min Tr | |
| Rx MSFESES 1 Day Tr | |
| Rx MSFESES 15 Min Rtr | |
| Rx MSFESES 15 Min Tr | |
| Rx MSFEUAS 1 Day Tr | |
| Rx MSFEUAS 15 Min Rtr | |
| Rx MSFEUAS 15 Min Tr | |
| Rx MSESES | |
| Rx MSESES 1 Day Tr | |
| Rx MSESES 15 Min Rtr | |
| Rx MSESES 15 Min Tr | |
| Rx MSUAS | |
| Rx MSUAS 1 Day Tr | |
| Rx MSUAS 15 Min Rtr | |
| Rx MSUAS 15 Min Tr | |
| Rx Multicast Packets | |
| Rx Octets | |
| Rx Oversized Packets | |
| Rx Packet Error Ratio | |
| Rx Packet Error Ratio 1 Day Tr | |
| Rx Packet Error Ratio 15 Min Rtr | |
| Rx Packet Error Ratio 15 Min Tr | |
| Rx Packets | |
| Rx Packets Sized 1024 To 1518 Bytes | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|------------------------------------|-------|
| Rx Packets Sized 128 To 255 Bytes | |
| Rx Packets Sized 256 To 511 Bytes | |
| Rx Packets Sized 512 To 1023 Bytes | |
| Rx Packets Sized 64 Bytes | |
| Rx Packets Sized 65 To 127 Bytes | |
| Rx PM BIP8 Error 1 Day Tr | |
| Rx PM BIP8 Error 15 Min Rtr | |
| Rx PM BIP8 Error 15 Min Tr | |
| Rx PM BIP8 Error Count | |
| Rx PM ES | |
| Rx PM ES 1 Day Tr | |
| Rx PM ES 15 Min Rtr | |
| Rx PM ES 15 Min Tr | |
| Rx PM FE BIP8 Error 1 Day Tr | |
| Rx PM FE BIP8 Error 15 Min Rtr | |
| Rx PM FE BIP8 Error 15 Min Tr | |
| Rx PM FE BIP8 Error Count | |
| Rx PM FE ES 1 Day Tr | |
| Rx PM FE ES 15 Min Rtr | |
| Rx PM FE ES 15 Min Tr | |
| Rx PM FE SES 1 Day Tr | |
| Rx PM FE SES 15 Min Rtr | |
| Rx PM FE SES 15 Min Tr | |
| Rx PM FE UAS | |
| Rx PM FE UAS 1 Day Tr | |
| Rx PM FE UAS 15 Min Rtr | |
| Rx PM FE UAS 15 Min Tr | |
| Rx PM FEES | |
| Rx PM FES ES | |
| Rx PM SES | |
| Rx PM SES 1 Day Tr | |
| Rx PM SES 15 Min Tr | |
| Rx PM UAS | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|------------------------------|-------|
| Rx PM UAS 1 Day Tr | |
| Rx PM UAS 15 Min Rtr | |
| Rx PM UAS 15 Min Tr | |
| Rx PMS ES 15 Min Rtr | |
| Rx RS Corrected 1 Day Tr | |
| Rx RS Corrected 15 Min Rtr | |
| Rx RS Corrected 15 Min Tr | |
| Rx RS Corrected Count | |
| Rx RS Uncorrected 1 Day Tr | |
| Rx RS UnCorrected 15 Min Rtr | |
| Rx RS Uncorrected 15 Min Tr | |
| Rx RS Uncorrected Count | |
| Rx RSEB | |
| Rx RSEB 1 Day Tr | |
| Rx RSEB 15 Min Rtr | |
| Rx RSEB 15 Min Tr | |
| Rx RSES | |
| Rx RSES 1 Day Tr | |
| Rx RSES 15 Min Rtr | |
| Rx RSES 15 Min Tr | |
| Rx RSSES | |
| Rx RSSES 1 Day Tr | |
| Rx RSSES 15 Min Rtr | |
| Rx RSSES 15 Min Tr | |
| Rx RSUAS | |
| Rx RSUAS 1 Day Tr | |
| Rx RSUAS 15 Min Rtr | |
| Rx RSUAS 15 Min Tr | |
| Rx SEFS | |
| Rx SEFS 1 Day Tr | |
| Rx SEFS 15 Min Rtr | |
| Rx SEFS 15 Min Tr | |
| Rx SEFSS | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|--------------------------------|-------|
| Rx SEFSS 1 Day Tr | |
| Rx SEFSS 15 Min Rtr | |
| Rx SEFSS 15 Min Tr | |
| Rx SES | |
| Rx SES 1 Day Tr | |
| Rx SES 15 Min Rtr | |
| Rx SES 15 Min Tr | |
| Rx SESL | |
| Rx SESL 1 Day Tr | |
| Rx SESL 15 Min Rtr | |
| Rx SESL 15 Min Tr | |
| Rx SESP 1 Day Tr | |
| Rx SESP 15 Min Rtr | |
| Rx SESP 15 Min Tr | |
| Rx SESS | |
| Rx SESS 1 Day Tr | |
| Rx SESS 15 Min Rtr | |
| Rx SESS 15 Min Tr | |
| Rx SM BIA ES Error Count | |
| Rx SM BIAES 1 Day Tr | |
| Rx SM BIAES 15 Min Rtr | |
| Rx SM BIAES 15 Min Tr | |
| Rx SM BIP8 Error 1 Day Tr | |
| Rx SM BIP8 Error 15 Min Rtr | |
| Rx SM BIP8 Error 15 Min Tr | |
| Rx SM BIP8 Error Count | |
| Rx SM ES | |
| Rx SM ES 1 Day Tr | |
| Rx SM ES 15 Min Rtr | |
| Rx SM ES 15 Min Tr | |
| Rx SM FE BIP8 Error 1 Day Tr | |
| Rx SM FE BIP8 Error 15 Min Rtr | |
| Rx SM FE BIP8 Error 15 Min Tr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|---------------------------|-------|
| Rx SM FE BIP8 Error Count | |
| Rx SM FE ES 1 Day Tr | |
| Rx SM FE ES 15 Min Rtr | |
| Rx SM FE ES 15 Min Tr | |
| Rx SM FE SES 1 Day Tr | |
| Rx SM FE SES 15 Min Rtr | |
| Rx SM FE SES 15 Min Tr | |
| Rx SM FE UAS | |
| Rx SM FE UAS 1 Day Tr | |
| Rx SM FE UAS 15 Min Rtr | |
| Rx SM FE UAS 15 Min Tr | |
| Rx SM FEES | |
| Rx SM FES ES | |
| Rx SM IAES 1 Day Tr | |
| Rx SM IAES 15 Min Rtr | |
| Rx SM IAES 15 Min Tr | |
| Rx SM IAES Error Count | |
| Rx SM SES | |
| Rx SM SES 1 Day Tr | |
| Rx SM SES 15 Min Tr | |
| Rx SM UAS | |
| Rx SM UAS 1 Day Tr | |
| Rx SM UAS 15 Min Rtr | |
| Rx SM UAS 15 Min Tr | |
| Rx SMS ES 15 Min Rtr | |
| Rx UASL | |
| Rx UASL 1 Day Tr | |
| Rx UASL 15 Min Rtr | |
| Rx UASL 15 Min Tr | |
| Rx UASP 1 Day Tr | |
| Rx UASP 15 Min Rtr | |
| Rx UASP 15 Min Tr | |
| Rx UASS | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|--|-------|
| Rx UASS 1 Day Tr | |
| Rx UASS 15 Min Rtr | |
| Rx UASS 15 Min Tr | |
| Rx Undersized Packets | |
| SEF-S | |
| SEFS-S | |
| SES-ODU | |
| SES-OTU | |
| SES-RS | |
| SES-S | |
| SES-TCM | |
| tnDw64BitStatsOdu1RxPMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOdu1RxPMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOdu1RxPMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOdu2RxPMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOdu2RxPMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOdu2RxPMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOdu3RxPMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOdu3RxPMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOdu3RxPMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOdu4RxPMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOdu4RxPMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOdu4RxPMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOtu1RxRSCorrCnt15MinRtr | |
| tnDw64BitStatsOtu1RxRSCorrCnt15MinTr | |
| tnDw64BitStatsOtu1RxRSCorrCnt1DayTr | |
| tnDw64BitStatsOtu1RxRSUncorrCnt15MinRtr | |
| tnDw64BitStatsOtu1RxRSUncorrCnt15MinTr | |
| tnDw64BitStatsOtu1RxRSUncorrCnt1DayTr | |
| tnDw64BitStatsOtu1RxSMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOtu1RxSMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOtu1RxSMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOtu2RxRSCorrCnt15MinRtr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|--|-------|
| tnDw64BitStatsOtu2RxRSCorrCnt15MinTr | |
| tnDw64BitStatsOtu2RxRSCorrCnt1DayTr | |
| tnDw64BitStatsOtu2RxRSUncorrCnt15MinRtr | |
| tnDw64BitStatsOtu2RxRSUncorrCnt15MinTr | |
| tnDw64BitStatsOtu2RxRSUncorrCnt1DayTr | |
| tnDw64BitStatsOtu2RxSMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOtu2RxSMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOtu2RxSMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOtu3RxRSCorrCnt15MinRtr | |
| tnDw64BitStatsOtu3RxRSCorrCnt15MinTr | |
| tnDw64BitStatsOtu3RxRSCorrCnt1DayTr | |
| tnDw64BitStatsOtu3RxRSUncorrCnt15MinRtr | |
| tnDw64BitStatsOtu3RxRSUncorrCnt15MinTr | |
| tnDw64BitStatsOtu3RxRSUncorrCnt1DayTr | |
| tnDw64BitStatsOtu3RxSMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOtu3RxSMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOtu3RxSMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOtu4RxRSCorrCnt15MinRtr | |
| tnDw64BitStatsOtu4RxRSCorrCnt15MinTr | |
| tnDw64BitStatsOtu4RxRSCorrCnt1DayTr | |
| tnDw64BitStatsOtu4RxRSUncorrCnt15MinRtr | |
| tnDw64BitStatsOtu4RxRSUncorrCnt15MinTr | |
| tnDw64BitStatsOtu4RxRSUncorrCnt1DayTr | |
| tnDw64BitStatsOtu4RxSMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOtu4RxSMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOtu4RxSMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsRxPMES15MinRtr | |
| tnDw64BitStatsRxPMES15MinTr | |
| tnDw64BitStatsRxPMES1DayTr | |
| tnDw64BitStatsRxPMSES15MinRtr | |
| tnDw64BitStatsRxPMSES15MinTr | |
| tnDw64BitStatsRxPMSES1DayTr | |
| tnDw64BitStatsRxPMUAS15MinRtr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|---------------------------------------|-------|
| tnDw64BitStatsRxPMUAS15MinTr | |
| tnDw64BitStatsRxPMUAS1DayTr | |
| tnDw64BitStatsRxSMES15MinRtr | |
| tnDw64BitStatsRxSMES15MinTr | |
| tnDw64BitStatsRxSMES1DayTr | |
| tnDw64BitStatsRxSMSES15MinRtr | |
| tnDw64BitStatsRxSMSES15MinTr | |
| tnDw64BitStatsRxSMSES1DayTr | |
| tnDw64BitStatsRxSMUAS15MinRtr | |
| tnDw64BitStatsRxSMUAS15MinTr | |
| tnDw64BitStatsRxSMUAS1DayTr | |
| tnDwStatsOdu1RxPMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOdu1RxPMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOdu1RxPMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOdu2RxPMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOdu2RxPMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOdu2RxPMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOdu3RxPMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOdu3RxPMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOdu3RxPMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOdu4RxPMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOdu4RxPMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOdu4RxPMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOtu1RxSMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOtu1RxSMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOtu1RxSMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOtu2RxSMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOtu2RxSMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOtu2RxSMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOtu3RxSMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOtu3RxSMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOtu3RxSMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOtu4RxSMFEBIP8ErrCnt15MinRtr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|--------------------------------------|-------|
| tnDwStatsOtu4RxSMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOtu4RxSMFEBIP8ErrCnt1DayTr | |
| tnDwStatsRxBERPostFEC15MinRtr | |
| tnDwStatsRxBERPostFEC15MinTr | |
| tnDwStatsRxBERPostFEC1DayTr | |
| tnDwStatsRxBERPreFEC15MinRtr | |
| tnDwStatsRxBERPreFEC15MinTr | |
| tnDwStatsRxBERPreFEC1DayTr | |
| tnDwStatsRxPMFEES15MinRtr | |
| tnDwStatsRxPMFEES15MinTr | |
| tnDwStatsRxPMFEES1DayTr | |
| tnDwStatsRxPMFESES15MinRtr | |
| tnDwStatsRxPMFESES15MinTr | |
| tnDwStatsRxPMFESES1DayTr | |
| tnDwStatsRxPMFEUAS15MinRtr | |
| tnDwStatsRxPMFEUAS15MinTr | |
| tnDwStatsRxPMFEUAS1DayTr | |
| tnDwStatsRxSMBIAES15MinRtr | |
| tnDwStatsRxSMBIAES15MinTr | |
| tnDwStatsRxSMBIAES1DayTr | |
| tnDwStatsRxSMFEES15MinRtr | |
| tnDwStatsRxSMFEES15MinTr | |
| tnDwStatsRxSMFEES1DayTr | |
| tnDwStatsRxSMFESES15MinRt | |
| tnDwStatsRxSMFESES15MinTr | |
| tnDwStatsRxSMFESES1DayTr | |
| tnDwStatsRxSMFEUAS15MinRtr | |
| tnDwStatsRxSMFEUAS15MinTr | |
| tnDwStatsRxSMFEUAS1DayTr | |
| tnDwStatsRxSMIAES15MinRtr | |
| tnDwStatsRxSMIAES15MinTr | |
| tnDwStatsRxSMIAES1DayTr | |
| tnEncryptRxFailToDecryptCnt15MinRtr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|--|-------|
| tnEncryptRxFailToDecryptCnt15MinTr | |
| tnEncryptRxFailToDecryptCnt1DayRtr | |
| tnEncryptRxFailToDecryptCnt1DayTr | |
| tnEthCfmTWDmStatsFarEndFrameDelayAverage | |
| tnEthCfmTWDmStatsFarEndFrameDelayMax | |
| tnEthCfmTWDmStatsFarEndFrameDelayVariationAverage | |
| tnEthCfmTWDmStatsFarEndFrameDelayVariationMax | |
| tnEthCfmTWDmStatsNearEndFrameDelayAverage | |
| tnEthCfmTWDmStatsNearEndFrameDelayMax | |
| tnEthCfmTWDmStatsNearEndFrameDelayVariationAverage | |
| tnEthCfmTWDmStatsNearEndFrameDelayVariationMax | |
| tnEthCfmTWDmStatsRoundTripFrameDelayAverage | |
| tnEthCfmTWDmStatsRoundTripFrameDelayMax | |
| tnEthCfmTWLmStatsFarEndFrameLossRatioAverage | |
| tnEthCfmTWLmStatsFarEndHighLoss | |
| tnEthCfmTWLmStatsNearEndFrameLossRatioAverage | |
| tnEthCfmTWLmStatsNearEndHighLoss | |
| tnEthCfmTWSlmStatsFarEndFrameLossRatioAverage | |
| tnEthCfmTWSlmStatsFarEndFrameLossRatioMax | |
| tnEthCfmTWSlmStatsFarEndHighLoss | |
| tnEthCfmTWSlmStatsNearEndFrameLossRatioAverage | |
| tnEthCfmTWSlmStatsNearEndFrameLossRatioMax | |
| tnEthCfmTWSlmStatsNearEndHighLoss | |
| tnEthPortEgrQueueStatsInProfileOctetsDropped | |
| tnEthPortEgrQueueStatsInProfilePktsDropped | |
| tnEthPortEtherStatsHighCapacityOctets | |
| tnEthPortEtherStatsHighCapacityPkts | |
| tnEthPortStatsIfInDiscards | |
| tnEthPortStatsIfInErrors | |
| tnEthPortStatsIfInOctets | |
| tnEthPortStatsIfInPkts | |
| tnEthPortStatsIfOutDiscards | |
| tnEthPortStatsIfOutErrors | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|-------------------------------------|-------|
| tnEthPortStatsIfOutOctets | |
| tnEthPortStatsIfOutPkts | |
| tnOthOdu0StatRxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu0StatRxFeBIP8ErrCnt15MinTr | |
| tnOthOdu0StatRxFeBIP8ErrCnt1DayTr | |
| tnOthOdu0StatRxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu0StatRxNeBIP8ErrCnt15MinTr | |
| tnOthOdu0StatRxNeBIP8ErrCnt1DayTr | |
| tnOthOdu0StatTxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu0StatTxFeBIP8ErrCnt15MinTr | |
| tnOthOdu0StatTxFeBIP8ErrCnt1DayTr | |
| tnOthOdu0StatTxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu0StatTxNeBIP8ErrCnt15MinTr | |
| tnOthOdu0StatTxNeBIP8ErrCnt1DayTr | |
| tnOthOdu1StatRxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu1StatRxFeBIP8ErrCnt15MinTr | |
| tnOthOdu1StatRxFeBIP8ErrCnt1DayTr | |
| tnOthOdu1StatRxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu1StatRxNeBIP8ErrCnt15MinTr | |
| tnOthOdu1StatRxNeBIP8ErrCnt1DayTr | |
| tnOthOdu1StatTxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu1StatTxFeBIP8ErrCnt15MinTr | |
| tnOthOdu1StatTxFeBIP8ErrCnt1DayTr | |
| tnOthOdu1StatTxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu1StatTxNeBIP8ErrCnt15MinTr | |
| tnOthOdu1StatTxNeBIP8ErrCnt1DayTr | |
| tnOthOdu2StatRxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu2StatRxFeBIP8ErrCnt15MinTr | |
| tnOthOdu2StatRxFeBIP8ErrCnt1DayTr | |
| tnOthOdu2StatRxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu2StatRxNeBIP8ErrCnt15MinTr | |
| tnOthOdu2StatRxNeBIP8ErrCnt1DayTr | |
| tnOthOdu2StatTxFeBIP8ErrCnt15MinRtr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|-------------------------------------|-------|
| tnOthOdu2StatTxFeBIP8ErrCnt15MinTr | |
| tnOthOdu2StatTxFeBIP8ErrCnt1DayTr | |
| tnOthOdu2StatTxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu2StatTxNeBIP8ErrCnt15MinTr | |
| tnOthOdu2StatTxNeBIP8ErrCnt1DayTr | |
| tnOthOdu3StatRxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu3StatRxFeBIP8ErrCnt15MinTr | |
| tnOthOdu3StatRxFeBIP8ErrCnt1DayTr | |
| tnOthOdu3StatRxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu3StatRxNeBIP8ErrCnt15MinTr | |
| tnOthOdu3StatRxNeBIP8ErrCnt1DayTr | |
| tnOthOdu3StatTxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu3StatTxFeBIP8ErrCnt15MinTr | |
| tnOthOdu3StatTxFeBIP8ErrCnt1DayTr | |
| tnOthOdu3StatTxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu3StatTxNeBIP8ErrCnt15MinTr | |
| tnOthOdu3StatTxNeBIP8ErrCnt1DayTr | |
| tnOthOdu4StatRxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu4StatRxFeBIP8ErrCnt15MinTr | |
| tnOthOdu4StatRxFeBIP8ErrCnt1DayTr | |
| tnOthOdu4StatRxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu4StatRxNeBIP8ErrCnt15MinTr | |
| tnOthOdu4StatRxNeBIP8ErrCnt1DayTr | |
| tnOthOdu4StatTxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu4StatTxFeBIP8ErrCnt15MinTr | |
| tnOthOdu4StatTxFeBIP8ErrCnt1DayTr | |
| tnOthOdu4StatTxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu4StatTxNeBIP8ErrCnt15MinTr | |
| tnOthOdu4StatTxNeBIP8ErrCnt1DayTr | |
| tnOthOdu4StatRxFeES15MinRtr | |
| tnOthOdu4StatRxFeES15MinTr | |
| tnOthOdu4StatRxFeES1DayTr | |
| tnOthOdu4StatRxFeSES15MinRtr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|---------------------------------------|-------|
| tnOthOdukStatRxFeSES15MinTr | |
| tnOthOdukStatRxFeSES1DayTr | |
| tnOthOdukStatRxFeUAS15MinRtr | |
| tnOthOdukStatRxFeUAS15MinTr | |
| tnOthOdukStatRxFeUAS1DayTr | |
| tnOthOdukStatRxNeES15MinRtr | |
| tnOthOdukStatRxNeES15MinTr | |
| tnOthOdukStatRxNeES1DayTr | |
| tnOthOdukStatRxNeSES15MinRtr | |
| tnOthOdukStatRxNeSES15MinTr | |
| tnOthOdukStatRxNeSES1DayTr | |
| tnOthOdukStatRxNeUAS15MinRtr | |
| tnOthOdukStatRxNeUAS15MinTr | |
| tnOthOdukStatRxNeUAS1DayTr | |
| tnOthOdukStatTxFeES15MinRtr | |
| tnOthOdukStatTxFeES15MinTr | |
| tnOthOdukStatTxFeES1DayTr | |
| tnOthOdukStatTxFeSES15MinRtr | |
| tnOthOdukStatTxFeSES15MinTr | |
| tnOthOdukStatTxFeSES1DayTr | |
| tnOthOdukStatTxFeUAS15MinRtr | |
| tnOthOdukStatTxFeUAS15MinTr | |
| tnOthOdukStatTxFeUAS1DayTr | |
| tnOthOdukStatTxNeES15MinRtr | |
| tnOthOdukStatTxNeES15MinTr | |
| tnOthOdukStatTxNeES1DayTr | |
| tnOthOdukStatTxNeSES15MinRtr | |
| tnOthOdukStatTxNeSES15MinTr | |
| tnOthOdukStatTxNeSES1DayTr | |
| tnOthOdukStatTxNeUAS15MinRtr | |
| tnOthOdukStatTxNeUAS15MinTr | |
| tnOthOdukStatTxNeUAS1DayTr | |
| tnOthOtu1StatRxFeSMBIP8ErrCnt15MinRtr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|---------------------------------------|-------|
| tnOthOtu1StatRxFeSMBIP8ErrCnt15MinTr | |
| tnOthOtu1StatRxFeSMBIP8ErrCnt1DayTr | |
| tnOthOtu1StatRxNeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu1StatRxNeSMBIP8ErrCnt15MinTr | |
| tnOthOtu1StatRxNeSMBIP8ErrCnt1DayTr | |
| tnOthOtu1StatRxRsCorrCnt15MinRtr | |
| tnOthOtu1StatRxRsCorrCnt15MinTr | |
| tnOthOtu1StatRxRsCorrCnt1DayTr | |
| tnOthOtu1StatRxRsUncorrCnt15MinRtr | |
| tnOthOtu1StatRxRsUncorrCnt15MinTr | |
| tnOthOtu1StatRxRsUncorrCnt1DayTr | |
| tnOthOtu2StatRxFeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu2StatRxFeSMBIP8ErrCnt15MinTr | |
| tnOthOtu2StatRxFeSMBIP8ErrCnt1DayTr | |
| tnOthOtu2StatRxNeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu2StatRxNeSMBIP8ErrCnt15MinTr | |
| tnOthOtu2StatRxNeSMBIP8ErrCnt1DayTr | |
| tnOthOtu2StatRxRsCorrCnt15MinRtr | |
| tnOthOtu2StatRxRsCorrCnt15MinTr | |
| tnOthOtu2StatRxRsCorrCnt1DayTr | |
| tnOthOtu2StatRxRsUncorrCnt15MinRtr | |
| tnOthOtu2StatRxRsUncorrCnt15MinTr | |
| tnOthOtu2StatRxRsUncorrCnt1DayTr | |
| tnOthOtu3StatRxFeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu3StatRxFeSMBIP8ErrCnt15MinTr | |
| tnOthOtu3StatRxFeSMBIP8ErrCnt1DayTr | |
| tnOthOtu3StatRxNeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu3StatRxNeSMBIP8ErrCnt15MinTr | |
| tnOthOtu3StatRxNeSMBIP8ErrCnt1DayTr | |
| tnOthOtu3StatRxRsCorrCnt15MinRtr | |
| tnOthOtu3StatRxRsCorrCnt15MinTr | |
| tnOthOtu3StatRxRsCorrCnt1DayTr | |
| tnOthOtu3StatRxRsUncorrCnt15MinRtr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|---------------------------------------|-------|
| tnOthOtu3StatRxRsUncorrCnt15MinTr | |
| tnOthOtu3StatRxRsUncorrCnt1DayTr | |
| tnOthOtu4StatRxFeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu4StatRxFeSMBIP8ErrCnt15MinTr | |
| tnOthOtu4StatRxFeSMBIP8ErrCnt1DayTr | |
| tnOthOtu4StatRxNeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu4StatRxNeSMBIP8ErrCnt15MinTr | |
| tnOthOtu4StatRxNeSMBIP8ErrCnt1DayTr | |
| tnOthOtu4StatRxRsCorrCnt15MinRtr | |
| tnOthOtu4StatRxRsCorrCnt15MinTr | |
| tnOthOtu4StatRxRsCorrCnt1DayTr | |
| tnOthOtu4StatRxRsUncorrCnt15MinRtr | |
| tnOthOtu4StatRxRsUncorrCnt15MinTr | |
| tnOthOtu4StatRxRsUncorrCnt1DayTr | |
| tnOthOtukStatRxBERPostFEC15MinRtr | |
| tnOthOtukStatRxBERPostFEC15MinTr | |
| tnOthOtukStatRxBERPostFEC1DayTr | |
| tnOthOtukStatRxBERPreFEC15MinRtr | |
| tnOthOtukStatRxBERPreFEC15MinTr | |
| tnOthOtukStatRxBERPreFEC1DayTr | |
| tnOthOtukStatRxFeIAES15MinRtr | |
| tnOthOtukStatRxFeIAES15MinTr | |
| tnOthOtukStatRxFeIAES1DayTr | |
| tnOthOtukStatRxFeSMES15MinRtr | |
| tnOthOtukStatRxFeSMES15MinTr | |
| tnOthOtukStatRxFeSMES1DayTr | |
| tnOthOtukStatRxFeSMSES15MinRtr | |
| tnOthOtukStatRxFeSMSES15MinTr | |
| tnOthOtukStatRxFeSMSES1DayTr | |
| tnOthOtukStatRxFeSMUAS15MinRtr | |
| tnOthOtukStatRxFeSMUAS15MinTr | |
| tnOthOtukStatRxFeSMUAS1DayTr | |
| tnOthOtukStatRxNeIAES15MinRtr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|--------------------------------|-------|
| tnOthOtukStatRxNeIAES15MinTr | |
| tnOthOtukStatRxNeIAES1DayTr | |
| tnOthOtukStatRxNeSMES15MinRtr | |
| tnOthOtukStatRxNeSMES15MinTr | |
| tnOthOtukStatRxNeSMES1DayTr | |
| tnOthOtukStatRxNeSMSES15MinRtr | |
| tnOthOtukStatRxNeSMSES15MinTr | |
| tnOthOtukStatRxNeSMSES1DayTr | |
| tnOthOtukStatRxNeSMUAS15MinRtr | |
| tnOthOtukStatRxNeSMUAS15MinTr | |
| tnOthOtukStatRxNeSMUAS1DayTr | |
| tnPcsStats100GBERxCV15MinRtr | |
| tnPcsStats100GBERxCV15MinTr | |
| tnPcsStats100GBERxCV1DayTr | |
| tnPcsStats100GBETxCV15MinRtr | |
| tnPcsStats100GBETxCV15MinTr | |
| tnPcsStats100GBETxCV1DayTr | |
| tnPcsStats10GBERxCV15MinRtr | |
| tnPcsStats10GBERxCV15MinTr | |
| tnPcsStats10GBERxCV1DayTr | |
| tnPcsStats10GBETxCV15MinRtr | |
| tnPcsStats10GBETxCV15MinTr | |
| tnPcsStats10GBETxCV1DayTr | |
| tnPcsStats10GFCRxCV15MinRtr | |
| tnPcsStats10GFCRxCV15MinTr | |
| tnPcsStats10GFCRxCV1DayTr | |
| tnPcsStats10GFCTxCV15MinRtr | |
| tnPcsStats10GFCTxCV15MinTr | |
| tnPcsStats10GFCTxCV1DayTr | |
| tnPcsStats16GFCRxCV15MinRtr | |
| tnPcsStats16GFCRxCV15MinTr | |
| tnPcsStats16GFCRxCV1DayTr | |
| tnPcsStats16GFCTxCV15MinRtr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|----------------------------|-------|
| tnPcsStats16GFCTxCV15MinTr | |
| tnPcsStats16GFCTxCV1DayTr | |
| tnPcsStats2GFCRxCV15MinRtr | |
| tnPcsStats2GFCRxCV15MinTr | |
| tnPcsStats2GFCRxCV1DayTr | |
| tnPcsStats2GFCTxCV15MinRtr | |
| tnPcsStats2GFCTxCV15MinTr | |
| tnPcsStats2GFCTxCV1DayTr | |
| tnPcsStats4GBERxCV15MinRtr | |
| tnPcsStats4GBERxCV15MinTr | |
| tnPcsStats4GBERxCV1DayTr | |
| tnPcsStats4GBETxCV15MinRtr | |
| tnPcsStats4GBETxCV15MinTr | |
| tnPcsStats4GBETxCV1DayTr | |
| tnPcsStats4GFCRxCV15MinRtr | |
| tnPcsStats4GFCRxCV15MinTr | |
| tnPcsStats4GFCRxCV1DayTr | |
| tnPcsStats4GFCTxCV15MinRtr | |
| tnPcsStats4GFCTxCV15MinTr | |
| tnPcsStats4GFCTxCV1DayTr | |
| tnPcsStats8GFCRxCV15MinRtr | |
| tnPcsStats8GFCRxCV15MinTr | |
| tnPcsStats8GFCRxCV1DayTr | |
| tnPcsStats8GFCTxCV15MinRtr | |
| tnPcsStats8GFCTxCV15MinTr | |
| tnPcsStats8GFCTxCV1DayTr | |
| tnPcsStatsGBERxCV15MinRtr | |
| tnPcsStatsGBERxCV15MinTr | |
| tnPcsStatsGBERxCV1DayTr | |
| tnPcsStatsGBETxCV15MinRtr | |
| tnPcsStatsGBETxCV15MinTr | |
| tnPcsStatsGBETxCV1DayTr | |
| tnPcsStatsGFCRxCV15MinRtr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|--------------------------------|-------|
| tnPcsStatsGFCRxCV15MinTr | |
| tnPcsStatsGFCRxCV1DayTr | |
| tnPcsStatsGFCTxCV15MinRtr | |
| tnPcsStatsGFCTxCV15MinTr | |
| tnPcsStatsGFCTxCV1DayTr | |
| tnPcsStatsRtrRxES15MinRtr | |
| tnPcsStatsRtrRxSES15MinRtr | |
| tnPcsStatsRtrTxES15MinRtr | |
| tnPcsStatsRtrTxSES15MinRtr | |
| tnPcsStatsRxES15MinTr | |
| tnPcsStatsRxES1DayTr | |
| tnPcsStatsRxSEFS15MinRtr | |
| tnPcsStatsRxSEFS15MinTr | |
| tnPcsStatsRxSEFS1DayTr | |
| tnPcsStatsRxSES15MinTr | |
| tnPcsStatsRxSES1DayTr | |
| tnPcsStatsTxES15MinTr | |
| tnPcsStatsTxES1DayTr | |
| tnPcsStatsTxSEFS15MinRtr | |
| tnPcsStatsTxSEFS15MinTr | |
| tnPcsStatsTxSEFS1DayTr | |
| tnPcsStatsTxSES15MinTr | |
| tnPcsStatsTxSES1DayTr | |
| tnSapStatsIngressOctetsDropped | |
| tnSapStatsIngressPktsDropped | |
| tnSdhStatsRxMSES15MinRtr | |
| tnSdhStatsRxMSES15MinTr | |
| tnSdhStatsRxMSES1DayTr | |
| tnSdhStatsRxMSFEES15MinRtr | |
| tnSdhStatsRxMSFEES15MinTr | |
| tnSdhStatsRxMSFEES1DayTr | |
| tnSdhStatsRxMSFESES15MinRtr | |
| tnSdhStatsRxMSFESES15MinTr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|---------------------------------|-------|
| tnSdhStatsRxMSFESES1DayTr | |
| tnSdhStatsRxMSFEUAS15MinRtr | |
| tnSdhStatsRxMSFEUAS15MinTr | |
| tnSdhStatsRxMSFEUAS1DayTr | |
| tnSdhStatsRxMSES15MinRtr | |
| tnSdhStatsRxMSES15MinTr | |
| tnSdhStatsRxMSES1DayTr | |
| tnSdhStatsRxMSUAS15MinRtr | |
| tnSdhStatsRxMSUAS15MinTr | |
| tnSdhStatsRxMSUAS1DayTr | |
| tnSdhStatsRxRSES15MinRtr | |
| tnSdhStatsRxRSES15MinTr | |
| tnSdhStatsRxRSES1DayTr | |
| tnSdhStatsRxRSSES15MinRtr | |
| tnSdhStatsRxRSSES15MinTr | |
| tnSdhStatsRxRSSES1DayTr | |
| tnSdhStatsRxRSUAS15MinRtr | |
| tnSdhStatsRxRSUAS15MinTr | |
| tnSdhStatsRxRSUAS1DayTr | |
| tnSdhStatsSTM16RxMSEB15MinRtr | |
| tnSdhStatsSTM16RxMSEB15MinTr | |
| tnSdhStatsSTM16RxMSEB1DayTr | |
| tnSdhStatsSTM16RxMSFEEB15MinRtr | |
| tnSdhStatsSTM16RxMSFEEB15MinTr | |
| tnSdhStatsSTM16RxMSFEEB1DayTr | |
| tnSdhStatsSTM16RxRSEB15MinRtr | |
| tnSdhStatsSTM16RxRSEB15MinTr | |
| tnSdhStatsSTM16RxRSEB1DayTr | |
| tnSdhStatsSTM16TxMSEB15MinRtr | |
| tnSdhStatsSTM16TxMSEB15MinTr | |
| tnSdhStatsSTM16TxMSEB1DayTr | |
| tnSdhStatsSTM16TxRSEB15MinRtr | |
| tnSdhStatsSTM16TxRSEB15MinTr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|----------------------------------|-------|
| tnSdhStatsSTM16TxRSEB1DayTr | |
| tnSdhStatsSTM1RxMSEB15MinRtr | |
| tnSdhStatsSTM1RxMSEB15MinTr | |
| tnSdhStatsSTM1RxMSEB1DayTr | |
| tnSdhStatsSTM1RxMSFEEB15MinRtr | |
| tnSdhStatsSTM1RxMSFEEB15MinTr | |
| tnSdhStatsSTM1RxMSFEEB1DayTr | |
| tnSdhStatsSTM1RxRSEB15MinRtr | |
| tnSdhStatsSTM1RxRSEB15MinTr | |
| tnSdhStatsSTM1RxRSEB1DayTr | |
| tnSdhStatsSTM1TxMSEB15MinRtr | |
| tnSdhStatsSTM1TxMSEB15MinTr | |
| tnSdhStatsSTM1TxMSEB1DayTr | |
| tnSdhStatsSTM1TxRSEB15MinRtr | |
| tnSdhStatsSTM1TxRSEB15MinTr | |
| tnSdhStatsSTM1TxRSEB1DayTr | |
| tnSdhStatsSTM256RxMSEB15MinRtr | |
| tnSdhStatsSTM256RxMSEB15MinTr | |
| tnSdhStatsSTM256RxMSEB1DayTr | |
| tnSdhStatsSTM256RxMSFEEB15MinRtr | |
| tnSdhStatsSTM256RxMSFEEB15MinTr | |
| tnSdhStatsSTM256RxMSFEEB1DayTr | |
| tnSdhStatsSTM256RxRSEB15MinRtr | |
| tnSdhStatsSTM256RxRSEB15MinTr | |
| tnSdhStatsSTM256RxRSEB1DayTr | |
| tnSdhStatsSTM256TxMSEB15MinRtr | |
| tnSdhStatsSTM256TxMSEB15MinTr | |
| tnSdhStatsSTM256TxMSEB1DayTr | |
| tnSdhStatsSTM256TxRSEB15MinRtr | |
| tnSdhStatsSTM256TxRSEB15MinTr | |
| tnSdhStatsSTM256TxRSEB1DayTr | |
| tnSdhStatsSTM4RxMSEB15MinRtr | |
| tnSdhStatsSTM4RxMSEB15MinTr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|---------------------------------|-------|
| tnSdhStatsSTM4RxMSEB1DayTr | |
| tnSdhStatsSTM4RxMSFEEB15MinRtr | |
| tnSdhStatsSTM4RxMSFEEB15MinTr | |
| tnSdhStatsSTM4RxMSFEEB1DayTr | |
| tnSdhStatsSTM4RxRSEB15MinRtr | |
| tnSdhStatsSTM4RxRSEB15MinTr | |
| tnSdhStatsSTM4RxRSEB1DayTr | |
| tnSdhStatsSTM4TxMSEB15MinRtr | |
| tnSdhStatsSTM4TxMSEB15MinTr | |
| tnSdhStatsSTM4TxMSEB1DayTr | |
| tnSdhStatsSTM4TxRSEB15MinRtr | |
| tnSdhStatsSTM4TxRSEB15MinTr | |
| tnSdhStatsSTM4TxRSEB1DayTr | |
| tnSdhStatsSTM64RxMSEB15MinRtr | |
| tnSdhStatsSTM64RxMSEB15MinTr | |
| tnSdhStatsSTM64RxMSEB1DayTr | |
| tnSdhStatsSTM64RxMSFEEB15MinRtr | |
| tnSdhStatsSTM64RxMSFEEB15MinTr | |
| tnSdhStatsSTM64RxMSFEEB1DayTr | |
| tnSdhStatsSTM64RxRSEB15MinRtr | |
| tnSdhStatsSTM64RxRSEB15MinTr | |
| tnSdhStatsSTM64RxRSEB1DayTr | |
| tnSdhStatsSTM64TxMSEB15MinRtr | |
| tnSdhStatsSTM64TxMSEB15MinTr | |
| tnSdhStatsSTM64TxMSEB1DayTr | |
| tnSdhStatsSTM64TxRSEB15MinRtr | |
| tnSdhStatsSTM64TxRSEB15MinTr | |
| tnSdhStatsSTM64TxRSEB1DayTr | |
| tnSdhStatsTxMSES15MinRtr | |
| tnSdhStatsTxMSES15MinTr | |
| tnSdhStatsTxMSES1DayTr | |
| tnSdhStatsTxMSES15MinRtr | |
| tnSdhStatsTxMSES15MinTr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|---------------------------------|-------|
| tnSdhStatsTxMSEES1DayTr | |
| tnSdhStatsTxMSUAS15MinRtr | |
| tnSdhStatsTxMSUAS15MinTr | |
| tnSdhStatsTxMSUAS1DayTr | |
| tnSdhStatsTxRSES15MinRtr | |
| tnSdhStatsTxRSES15MinTr | |
| tnSdhStatsTxRSES1DayTr | |
| tnSdhStatsTxRSSES15MinRtr | |
| tnSdhStatsTxRSSES15MinTr | |
| tnSdhStatsTxRSSES1DayTr | |
| tnSdhStatsTxRSUAS15MinRtr | |
| tnSdhStatsTxRSUAS15MinTr | |
| tnSdhStatsTxRSUAS1DayTr | |
| tnSonetStatsOC12RxCVL15MinTr | |
| tnSonetStatsOC12RxCVL1DayTr | |
| tnSonetStatsOC12RxCVS15MinTr | |
| tnSonetStatsOC12RxCVS1DayTr | |
| tnSonetStatsOC12RxFECVL15MinTr | |
| tnSonetStatsOC12RxFECVL1DayTr | |
| tnSonetStatsOC12TxCVL15MinTr | |
| tnSonetStatsOC12TxCVL1DayTr | |
| tnSonetStatsOC12TxCVS15MinTr | |
| tnSonetStatsOC12TxCVS1DayTr | |
| tnSonetStatsOC192RxCVL15MinTr | |
| tnSonetStatsOC192RxCVL1DayTr | |
| tnSonetStatsOC192RxCVS15MinTr | |
| tnSonetStatsOC192RxCVS1DayTr | |
| tnSonetStatsOC192RxFECVL15MinTr | |
| tnSonetStatsOC192RxFECVL1DayTr | |
| tnSonetStatsOC192TxCVL15MinTr | |
| tnSonetStatsOC192TxCVL1DayTr | |
| tnSonetStatsOC192TxCVS15MinTr | |
| tnSonetStatsOC192TxCVS1DayTr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|---------------------------------|-------|
| tnSonetStatsOC3RxCVL15MinTr | |
| tnSonetStatsOC3RxCVL1DayTr | |
| tnSonetStatsOC3RxCVS15MinTr | |
| tnSonetStatsOC3RxCVS1DayTr | |
| tnSonetStatsOC3RxFECVL15MinTr | |
| tnSonetStatsOC3RxFECVL1DayTr | |
| tnSonetStatsOC3TxCVL15MinTr | |
| tnSonetStatsOC3TxCVL1DayTr | |
| tnSonetStatsOC3TxCVS15MinTr | |
| tnSonetStatsOC3TxCVS1DayTr | |
| tnSonetStatsOC48RxCVL15MinTr | |
| tnSonetStatsOC48RxCVL1DayTr | |
| tnSonetStatsOC48RxCVS15MinTr | |
| tnSonetStatsOC48RxCVS1DayTr | |
| tnSonetStatsOC48RxFECVL15MinTr | |
| tnSonetStatsOC48RxFECVL1DayTr | |
| tnSonetStatsOC48TxCVL15MinTr | |
| tnSonetStatsOC48TxCVL1DayTr | |
| tnSonetStatsOC48TxCVS15MinTr | |
| tnSonetStatsOC48TxCVS1DayTr | |
| tnSonetStatsOC768RxCVL15MinTr | |
| tnSonetStatsOC768RxCVL1DayTr | |
| tnSonetStatsOC768RxCVS15MinTr | |
| tnSonetStatsOC768RxCVS1DayTr | |
| tnSonetStatsOC768RxFECVL15MinTr | |
| tnSonetStatsOC768RxFECVL1DayTr | |
| tnSonetStatsOC768TxCVL15MinTr | |
| tnSonetStatsOC768TxCVL1DayTr | |
| tnSonetStatsOC768TxCVS15MinTr | |
| tnSonetStatsOC768TxCVS1DayTr | |
| tnSonetStatsRxESL15MinTr | |
| tnSonetStatsRxESL1DayTr | |
| tnSonetStatsRxESS15MinTr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|-----------------------------|-------|
| tnSonetStatsRxESS1DayTr | |
| tnSonetStatsRxFEESL15MinTr | |
| tnSonetStatsRxFEESL1DayTr | |
| tnSonetStatsRxFESESL15MinTr | |
| tnSonetStatsRxFESESL1DayTr | |
| tnSonetStatsRxFEUASL15MinTr | |
| tnSonetStatsRxFEUASL1DayTr | |
| tnSonetStatsRxSEFSS15MinTr | |
| tnSonetStatsRxSEFSS1DayTr | |
| tnSonetStatsRxSESL15MinTr | |
| tnSonetStatsRxSESL1DayTr | |
| tnSonetStatsRxSESS15MinTr | |
| tnSonetStatsRxSESS1DayTr | |
| tnSonetStatsRxUASL15MinTr | |
| tnSonetStatsRxUASL1DayTr | |
| tnSonetStatsRxUASS15MinTr | |
| tnSonetStatsRxUASS1DayTr | |
| tnSonetStatsTxESL15MinTr | |
| tnSonetStatsTxESL1DayTr | |
| tnSonetStatsTxESS15MinTr | |
| tnSonetStatsTxESS1DayTr | |
| tnSonetStatsTxSEFSS15MinTr | |
| tnSonetStatsTxSEFSS1DayTr | |
| tnSonetStatsTxSESL15MinTr | |
| tnSonetStatsTxSESL1DayTr | |
| tnSonetStatsTxSESS15MinTr | |
| tnSonetStatsTxSESS1DayTr | |
| tnSonetStatsTxUASL15MinTr | |
| tnSonetStatsTxUASL1DayTr | |
| tnSonetStatsTxUASS15MinTr | |
| tnSonetStatsTxUASS1DayTr | |
| Tx BBEP 1 Day Tr | |
| Tx BBEP 15 Min Rtr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|-------------------------|-------|
| Tx BBEP 15 Min Tr | |
| Tx Broadcast Packets | |
| Tx Collisions | |
| Tx CRC Alignment Errors | |
| Tx CV | |
| Tx CV 1 Day Tr | |
| Tx CV 15 Min Rtr | |
| Tx CV 15 Min Tr | |
| Tx CVL | |
| Tx CVL 1 Day Tr | |
| Tx CVL 15 Min Rtr | |
| Tx CVL 15 Min Tr | |
| Tx CVS | |
| Tx CVS 1 Day Tr | |
| Tx CVS 15 Min Rtr | |
| Tx CVS 15 Min Tr | |
| Tx Drop Events | |
| Tx ES | |
| Tx ES 1 Day Tr | |
| Tx ES 15 Min Rtr | |
| Tx ES 15 Min Tr | |
| Tx ESL | |
| Tx ESL 1 Day Tr | |
| Tx ESL 15 Min Rtr | |
| Tx ESL 15 Min Tr | |
| Tx ESP 1 Day Tr | |
| Tx ESP 15 Min Rtr | |
| Tx ESP 15 Min Tr | |
| Tx ESS | |
| Tx ESS 1 Day Tr | |
| Tx ESS 15 Min Rtr | |
| Tx ESS 15 Min Tr | |
| Tx FCL | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|-------------------------------------|-------|
| Tx FCL 1 Day Tr | |
| Tx FCL 15 Min Rtr | |
| Tx FCL 15 Min Tr | |
| Tx Fragments | |
| Tx Jabbers | |
| Tx Jumbo Packets | |
| Tx MSEB | |
| Tx MSEB 1 Day Tr | |
| Tx MSEB 15 Min Rtr | |
| Tx MSEB 15 Min Tr | |
| Tx MSES | |
| Tx MSES 1 Day Tr | |
| Tx MSES 15 Min Rtr | |
| Tx MSES 15 Min Tr | |
| Tx MSESSES | |
| Tx MSESSES 1 Day Tr | |
| Tx MSESSES 15 Min Rtr | |
| Tx MSESSES 15 Min Tr | |
| Tx MSUAS | |
| Tx MSUAS 1 Day Tr | |
| Tx MSUAS 15 Min Rtr | |
| Tx MSUAS 15 Min Tr | |
| Tx Multicast Packets | |
| Tx Octets | |
| Tx Oversized Packets | |
| Tx Packet Error Ratio | |
| Tx Packet Error Ratio 1 Day Tr | |
| Tx Packet Error Ratio 15 Min Rtr | |
| Tx Packet Error Ratio 15 Min Tr | |
| Tx Packets | |
| Tx Packets Sized 1024 To 1518 Bytes | |
| Tx Packets Sized 128 To 255 Bytes | |
| Tx Packets Sized 256 To 511 Bytes | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|------------------------------------|-------|
| Tx Packets Sized 512 To 1023 Bytes | |
| Tx Packets Sized 64 Bytes | |
| Tx Packets Sized 65 To 127 Bytes | |
| Tx RSEB | |
| Tx RSEB 1 Day Tr | |
| Tx RSEB 15 Min Rtr | |
| Tx RSEB 15 Min Tr | |
| Tx RSES | |
| Tx RSES 1 Day Tr | |
| Tx RSES 15 Min Rtr | |
| Tx RSES 15 Min Tr | |
| Tx RSESES | |
| Tx RSESES 1 Day Tr | |
| Tx RSESES 15 Min Rtr | |
| Tx RSESES 15 Min Tr | |
| Tx RSUAS | |
| Tx RSUAS 1 Day Tr | |
| Tx RSUAS 15 Min Rtr | |
| Tx RSUAS 15 Min Tr | |
| Tx SEFS | |
| Tx SEFS 1 Day Tr | |
| Tx SEFS 15 Min Rtr | |
| Tx SEFS 15 Min Tr | |
| Tx SEFSS | |
| Tx SEFSS 1 Day Tr | |
| Tx SEFSS 15 Min Rtr | |
| Tx SEFSS 15 Min Tr | |
| Tx SES | |
| Tx SES 1 Day Tr | |
| Tx SES 15 Min Rtr | |
| Tx SES 15 Min Tr | |
| Tx SESL | |
| Tx SESL 1 Day Tr | |

Table 2-1077 Monitored Type (continued)

| Name | Value |
|-----------------------|-------|
| Tx SESL 15 Min Rtr | |
| Tx SESL 15 Min Tr | |
| Tx SESP 1 Day Tr | |
| Tx SESP 15 Min Rtr | |
| Tx SESP 15 Min Tr | |
| Tx SESS | |
| Tx SESS 1 Day Tr | |
| Tx SESS 15 Min Rtr | |
| Tx SESS 15 Min Tr | |
| Tx UASL | |
| Tx UASL 1 Day Tr | |
| Tx UASL 15 Min Rtr | |
| Tx UASL 15 Min Tr | |
| Tx UASP 1 Day Tr | |
| Tx UASP 15 Min Rtr | |
| Tx UASP 15 Min Tr | |
| Tx UASS | |
| Tx UASS 1 Day Tr | |
| Tx UASS 15 Min Rtr | |
| Tx UASS 15 Min Tr | |
| Tx Undersized Packets | |
| UAS-ODU | |
| UAS-OTU | |
| UAS-RS | |
| UAS-S | |
| UAS-TCM | |

TCA Profile ID

Table 2-1078 TCA Profile ID

| Name | Value |
|----------------|----------------|
| Default | yes:0 |
| Displayed name | TCA Profile ID |

Table 2-1078 TCA Profile ID (continued)

| Name | Value |
|-----------------------|-----------------|
| Mandatory on creation | yes |
| Maximum | 8 |
| Minimum | 0 |
| OSS name | tcaProfileId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

TCA Profile Type

Table 2-1079 TCA Profile Type

| Name | Value |
|--------------------------|------------------|
| Default | yes:0 |
| Displayed name | TCA Profile Type |
| Mandatory on creation | yes |
| OSS name | groupId |
| Read-only | no |
| Tab Panel | General General |
| Type | TCAProfileType |
| Enumerated types: | |
| Card | |
| CD | |
| DGD | |
| Digital Wrapper | |
| E1 | |
| ENCRYPTION | |
| Ethernet | |
| FOFF | |
| Interface | |
| Lane Powers | |
| OC12 | |
| OC192 | |
| OC3 | |

Table 2-1079 TCA Profile Type (continued)

| Name | Value |
|------------------------|-------|
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU0TCM | |
| ODU1 | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2ETCM | |
| ODU2TCM | |
| ODU3 | |
| ODU3E2 | |
| ODU3E2TCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4TCM | |
| ODURX | |
| ODUTX | |
| OPIN | |
| OPOCHIN | |
| OPOCHOUT | |
| OPOUT | |
| OPR | |
| OPT | |
| OSNR | |
| OTU | |
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E2 | |
| OTU4 | |
| Physical Code Sublayer | |

Table 2-1079 TCA Profile Type (continued)

| Name | Value |
|-------------|-------|
| Port | |
| PreFEC Bits | |
| SAP | |
| SDH | |
| SONET | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| Two Way DM | |
| Two Way LM | |
| Two Way SLM | |

Threshold Value

Table 2-1080 Threshold Value

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Threshold Value |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | tcaValue |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Threshold Value Clear

Table 2-1081 Threshold Value Clear

| Name | Value |
|----------------|-----------------------|
| Default | yes:0 |
| Displayed name | Threshold Value Clear |

Table 2-1081 Threshold Value Clear (continued)

| Name | Value |
|-------------|-----------------|
| Maximum | 20 |
| Minimum | 0 |
| OSS name | tcaValueClear |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Time Period**Table 2-1082 Time Period**

| Name | Value |
|-----------------------|-------------------------|
| Default | yes:15min |
| Displayed name | Time Period |
| Mandatory on creation | yes |
| OSS name | timePeriod |
| Read-only | no |
| Tab Panel | General General |
| Type | opticsperf.PMTimePeriod |

ODU Cross Connect parameters**Bidirectional****Table 2-1083 Bidirectional**

| Name | Value |
|-----------------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| Mandatory on creation | yes |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Destination

Table 2-1084 Destination

| Name | Value |
|----------------|---|
| Description | Name of the endpoint Z, used for display. |
| Displayed name | Destination |
| OSS name | endpointZName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

ID

Table 2-1085 ID

| Name | Value |
|-----------------------|-----------------------------------|
| Default | yes:0 |
| Description | SAM generated XC id used for FDN. |
| Displayed name | ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | xcId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Name

Table 2-1086 Name

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Can be deployed on NE for OCh cross-connect, or connection group. For OCH XC/XC group the max length is 80, so we keep this for OT XCs too. This is the OCHTrail name for OCH XCs or OCH XC groups. |
| Displayed name | Name |
| Maximum | 80 |
| Minimum | 0 |

Table 2-1086 Name (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | xcName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Protection State

Table 2-1087 Protection State

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | The protection state of the connection. |
| Displayed name | Protection State |
| Mandatory on creation | yes |
| OSS name | protectionState |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Rate

Table 2-1088 Rate

| Name | Value |
|-----------------------|------------------------------|
| Description | The OduK cross connect Rate. |
| Displayed name | Rate |
| Mandatory on creation | yes |

Table 2-1088 Rate (continued)

| Name | Value |
|--------------------------|-----------------|
| OSS name | odukXcRate |
| Read-only | no |
| Tab Panel | General General |
| Type | OdukXcRate |
| Enumerated types: | |
| Null | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUflex | |
| ODUFlex-CBR | |
| ODUFlex-GFP | |
| ODUflex_3GSDI | |
| ODUflex_FC400 | |
| ODUflex_SDR | |
| OPTSG | |

Site ID

Table 2-1089 Site ID

| Name | Value |
|----------------|-------------|
| Default | yes:0.0.0.0 |
| Description | Site ID. |
| Displayed name | Site ID |
| Maximum | 50 |

Table 2-1089 Site ID (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name

Table 2-1090 Site Name

| Name | Value |
|----------------|-----------------|
| Description | Site name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Source

Table 2-1091 Source

| Name | Value |
|----------------|---|
| Description | Name of the endpoint A, used for display. |
| Displayed name | Source |
| OSS name | endpointAName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

ODU NIM parameters

Administrative State

Table 2-1092 Administrative State

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Administrative state of the interface. It may be used to suppress the alarms or disable consequent actions on the entity. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.XcState |

AINS Countdown

Table 2-1093 AINS Countdown

| Name | Value |
|----------------|---------------------------|
| Displayed name | AINS Countdown |
| OSS name | ainsDebounceTimeRemaining |
| Read-only | yes |
| Tab Panel | States AINS |
| Type | STRING |
| Units | HH:MM |

AINS State

Table 2-1094 AINS State

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Description | AINS state of the interface. |
| Displayed name | AINS State |
| OSS name | ainsState |
| Read-only | no |
| Tab Panel | States AINS |

Table 2-1094 AINS State (continued)

| Name | Value |
|------|-------|
| Type | BOOL |

AINS Timer

Table 2-1095 AINS Timer

| Name | Value |
|----------------|------------------|
| Displayed name | AINS Timer |
| OSS name | ainsDebounceTime |
| Read-only | no |
| Tab Panel | States AINS |
| Type | STRING |
| Units | HH:MM |

Alarm Profile

Table 2-1096 Alarm Profile

| Name | Value |
|----------------|---------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Assigned Rate

Table 2-1097 Assigned Rate

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Clear All Bins

Table 2-1098 Clear All Bins

| Name | Value |
|----------------|---|
| Default | yes:noCmd |
| Description | Clear all ODURx and ODUTx PMs in both current 15 minute bin and the current 1 day interval. |
| Displayed name | Clear All Bins |
| OSS name | clearAllBins |
| Read-only | no |
| Tab Panel | General Stats Control |
| Type | optical.PerformCommand |

Ctp ID

Table 2-1099 Ctp ID

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Layer Type

Table 2-1100 Layer Type

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |

Table 2-1100 Layer Type (continued)

| Name | Value |
|------|-------------------|
| Type | optical.LayerType |

Name**Table 2-1101 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

ODU Rx PM Enabled**Table 2-1102 ODU Rx PM Enabled**

| Name | Value |
|----------------|----------------------------------|
| Description | Enable and disable the ODURx PM. |
| Displayed name | ODU Rx PM Enabled |
| OSS name | statsRxEnable |
| Read-only | no |
| Tab Panel | General Stats Control |
| Type | BOOL |

ODU Tx PM Enabled**Table 2-1103 ODU Tx PM Enabled**

| Name | Value |
|----------------|----------------------------------|
| Description | Enable and disable the ODUTx PM. |
| Displayed name | ODU Tx PM Enabled |
| OSS name | statsTxEnable |

Table 2-1103 ODU Tx PM Enabled (continued)

| Name | Value |
|-------------|-----------------------|
| Read-only | no |
| Tab Panel | General Stats Control |
| Type | BOOL |

Operational Capability

Table 2-1104 Operational Capability

| Name | Value |
|----------------|-------------------------------|
| Default | yes:disabled |
| Displayed name | Operational Capability |
| OSS name | operationalCapability |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.OperationalCapability |

Operational State

Table 2-1105 Operational State

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:unknown |
| Description | Operational state of the interface. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.XcState |

Primary State

Table 2-1106 Primary State

| Name | Value |
|----------------|-----------------|
| Default | yes:unspecified |
| Displayed name | Primary State |

Table 2-1106 Primary State (continued)

| Name | Value |
|-------------|--------------------------|
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.PrimaryStateType |

Rate

Table 2-1107 Rate

| Name | Value |
|-----------------------|-----------------|
| Default | yes:null |
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.OduRate |

Secondary State

Table 2-1108 Secondary State

| Name | Value |
|----------------|----------------------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.SecondaryStateType |

Site ID

Table 2-1109 Site ID

| Name | Value |
|---------|-------|
| Default | yes: |

Table 2-1109 Site ID (continued)

| Name | Value |
|----------------|--------------|
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site ID

Table 2-1110 Site ID

| Name | Value |
|----------------|---|
| Description | If site is the network element, siteId is the neId. |
| Displayed name | Site ID |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name

Table 2-1111 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name

Table 2-1112 Site Name

| Name | Value |
|----------------|---|
| Description | If site is the network element, siteName is its name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

State Qualifier

Table 2-1113 State Qualifier

| Name | Value |
|----------------|------------------------|
| Displayed name | State Qualifier |
| OSS name | stateQualifier |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.StateQualifier |

TCA Profile

Table 2-1114 TCA Profile

| Name | Value |
|----------------|-------------------|
| Displayed name | TCA Profile |
| OSS name | tcaProfilePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Use System AINS Timer

Table 2-1115 Use System AINS Timer

| Name | Value |
|----------------|-----------------------|
| Displayed name | Use System AINS Timer |

Table 2-1115 Use System AINS Timer (continued)

| Name | Value |
|-------------|--------------------------|
| OSS name | usingSysAinsDebounceTime |
| Read-only | no |
| Tab Panel | States AINS |
| Type | BOOL |

ODU NIM Point parameters

Directionality

Table 2-1116 Directionality

| Name | Value |
|-----------------------|--------------------------|
| Displayed name | Directionality |
| Mandatory on creation | yes |
| OSS name | directionality |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.OdukNimIndexType |

Expected DAPI

Table 2-1117 Expected DAPI

| Name | Value |
|----------------|--|
| Description | The DAPI expected by the receiver. This object has no effect when timDetMode has the value off(1) or dapi(2).{BR} DAPI: Destination Access Point Identifier. |
| Displayed name | Expected DAPI |
| Maximum | 31 |
| Minimum | 0 |
| OSS name | expectedDapi |
| Read-only | no |
| Tab Panel | General Path Overhead Monitoring TTI |
| Type | STRING |

Expected TTI**Table 2-1118 Expected TTI**

| Name | Value |
|----------------|---|
| Description | The SAPI expected by the receiver. This object has no effect when timDetMode has the value off(1). {BR} SAPI: Source Access Point Identifier. |
| Displayed name | Expected TTI |
| Maximum | 31 |
| Minimum | 0 |
| OSS name | expectedSapi |
| Read-only | no |
| Tab Panel | General Path Overhead Monitoring TTI |
| Type | STRING |

Incoming DAPI**Table 2-1119 Incoming DAPI**

| Name | Value |
|----------------|--|
| Description | The second 16 octets (TTI[16]-TTI[31]) of acceptedTti. |
| Displayed name | Incoming DAPI |
| OSS name | rxDapi |
| Read-only | yes |
| Tab Panel | General Path Overhead Monitoring TTI |
| Type | STRING |

Incoming OS**Table 2-1120 Incoming OS**

| Name | Value |
|----------------|--|
| Description | The last 32 octets (TTI[32]-TTI[63]) of acceptedTti. |
| Displayed name | Incoming OS |
| OSS name | rxOs |
| Read-only | yes |
| Tab Panel | General Path Overhead Monitoring TTI |
| Type | STRING |

Incoming TTI

Table 2-1121 Incoming TTI

| Name | Value |
|----------------|---|
| Description | The fist 16 octets (TTI[0]-TTI[15]) of acceptedTti. |
| Displayed name | Incoming TTI |
| OSS name | rxSapi |
| Read-only | yes |
| Tab Panel | General Path Overhead Monitoring TTI |
| Type | STRING |

Incoming TTI Status

Table 2-1122 Incoming TTI Status

| Name | Value |
|----------------|--------------------------------------|
| Displayed name | Incoming TTI Status |
| OSS name | incTtiStatus |
| Read-only | yes |
| Tab Panel | General Path Overhead Monitoring TTI |
| Type | STRING |

Name

Table 2-1123 Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Path Overhead Monitoring**Table 2-1124 Path Overhead Monitoring**

| Name | Value |
|----------------|--|
| Description | True activates non-intrusive monitoring. |
| Displayed name | Path Overhead Monitoring |
| OSS name | pomEnabled |
| Read-only | no |
| Tab Panel | General Path Overhead Monitoring TTI |
| Type | BOOL |

Signal Degrade Burst Interval**Table 2-1125 Signal Degrade Burst Interval**

| Name | Value |
|----------------|---|
| Description | Burst Interval specifies the number of consecutive bad seconds (see parameter BRSTTH) to be detected before {BR} declaring a signal degrade defect (SDBER) on the ODU path layer. The defect is cleared if BRSTINTVL consecutive {BR} good seconds (see parameter BRSTTH) are detected. |
| Displayed name | Signal Degrade Burst Interval |
| Maximum | 10 |
| Minimum | 2 |
| OSS name | signalDegradeBurstInterval |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Signal Degrade Burst Threshold**Table 2-1126 Signal Degrade Burst Threshold**

| Name | Value |
|----------------|--|
| Description | Burst Threshold specifies a number of errored blocks on the ODU path layer. A second is declared as good if the number of detected errored blocks within one second is less than BRSTTH; otherwise the second is declared as bad second. |
| Displayed name | Signal Degrade Burst Threshold |
| Maximum | 856388 |
| Minimum | 1 |
| OSS name | signalDegradeBurstThreshold |

Table 2-1126 Signal Degrade Burst Threshold (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Site ID

Table 2-1127 Site ID

| Name | Value |
|----------------|---|
| Description | If site is the network element, siteId is the neId. |
| Displayed name | Site ID |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name

Table 2-1128 Site Name

| Name | Value |
|----------------|---|
| Description | If site is the network element, siteName is its name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

TTI Comparison

Table 2-1129 TTI Comparison

| Name | Value |
|----------------|---|
| Default | yes:off |
| Description | Indicates the mode of the Trace Identifier Mismatch (TIM) Detection function. |
| Displayed name | TTI Comparison |

Table 2-1129 TTI Comparison (continued)

| Name | Value |
|-------------|--------------------------------------|
| OSS name | timDetMode |
| Read-only | no |
| Tab Panel | General Path Overhead Monitoring TTI |
| Type | optical.TimDetectionMode |

TTI Mismatch Response**Table 2-1130 TTI Mismatch Response**

| Name | Value |
|----------------|--|
| Description | Indicates whether the Trace Identifier Mismatch (TIM) Consequent Action function is enabled. |
| Displayed name | TTI Mismatch Response |
| OSS name | timActEnabled |
| Read-only | no |
| Tab Panel | General Path Overhead Monitoring TTI |
| Type | BOOL |

TTI Status**Table 2-1131 TTI Status**

| Name | Value |
|----------------|--------------------------------------|
| Description | TTI status. |
| Displayed name | TTI Status |
| OSS name | tTiStatus |
| Read-only | yes |
| Tab Panel | General Path Overhead Monitoring TTI |
| Type | optical.AluWdmTtiStatus |

ODU Path Termination parameters

Administrative State

Table 2-1132 Administrative State

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Administrative state of the interface. It may be used to suppress the alarms or disable consequent actions on the entity. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.XcState |

AINS Countdown

Table 2-1133 AINS Countdown

| Name | Value |
|----------------|---------------------------|
| Displayed name | AINS Countdown |
| OSS name | ainsDebounceTimeRemaining |
| Read-only | yes |
| Tab Panel | States AINS |
| Type | STRING |
| Units | HH:MM |

AINS State

Table 2-1134 AINS State

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Description | AINS state of the interface. |
| Displayed name | AINS State |
| OSS name | ainsState |
| Read-only | no |
| Tab Panel | States AINS |

Table 2-1134 AINS State (continued)

| Name | Value |
|------|-------|
| Type | BOOL |

AINS Timer**Table 2-1135 AINS Timer**

| Name | Value |
|----------------|------------------|
| Displayed name | AINS Timer |
| OSS name | ainsDebounceTime |
| Read-only | no |
| Tab Panel | States AINS |
| Type | STRING |
| Units | HH:MM |

Alarm Profile**Table 2-1136 Alarm Profile**

| Name | Value |
|----------------|---------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

APS Enabled**Table 2-1137 APS Enabled**

| Name | Value |
|----------------|---|
| Description | Enable or disable the proprietary APS bytes insertion in the ODU2 overhead. |
| Displayed name | APS Enabled |
| OSS name | apsEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.APSConfigType |

Assigned Rate**Table 2-1138 Assigned Rate**

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Clear All Bins**Table 2-1139 Clear All Bins**

| Name | Value |
|----------------|---|
| Default | yes:noCmd |
| Description | Clear all ODURx and ODUTx PMs in both current 15 minute bin and the current 1 day interval. |
| Displayed name | Clear All Bins |
| OSS name | clearAllBins |
| Read-only | no |
| Tab Panel | General Stats Control |
| Type | optical.PerformCommand |

Client Payload Type**Table 2-1140 Client Payload Type**

| Name | Value |
|----------------|---|
| Description | Type of client signal fail format. Indicates the kind of format of signal carrying client signal fail indication. The signal is generated by the addressed ODU to the far end. LCS - Loss of Client signal. GFP frame reporting CSF indication has UPI equal to 1, that means Loss of Client signal, this value is not recommended by Standard ITU-T G.7041. LCCS - Loss of client character Synchronization. GFP frame reporting CSF indication has UPI equal to 2, that means Loss of client character Synchronization, this value is recommended by Standard ITU-T G.7041. |
| Displayed name | Client Payload Type |
| OSS name | payloadType |
| Read-only | no |

Table 2-1140 Client Payload Type (continued)

| Name | Value |
|--------------------------|---------------------|
| Tab Panel | General ODU Payload |
| Type | CSPayloadType |
| Enumerated types: | |
| 1000BaseX | |
| AMCC | |
| ASCBR | |
| BSCBR | |
| CAMCC | |
| GBENTTT | |
| GFP | |
| ODUM | |
| ODUMPT21 | |
| OLDAMCC | |
| STM1OC3 | |
| STM4OC12 | |

Connection Monitoring End Point Mode

Table 2-1141 Connection Monitoring End Point Mode

| Name | Value |
|--------------------------|--------------------------------------|
| Default | yes:bypass |
| Description | Connection monitoring End Point Mode |
| Displayed name | Connection Monitoring End Point Mode |
| OSS name | connectionMonitoringEndPointMode |
| Read-only | no |
| Tab Panel | General Delay Measurement Attributes |
| Type | CMEPMode |
| Enumerated types: | |
| Bypass | |
| Destination | |
| Source | |

CSF Format

Table 2-1142 CSF Format

| Name | Value |
|--------------------------|---|
| Description | Type of client signal fail format. Indicates the kind of format of signal carrying client signal fail indication. The signal is generated by the addressed ODU to the far end. LCS - Loss of Client signal. GFP frame reporting CSF indication has UPI equal to 1, that means Loss of Client signal, this value is not recommended by Standard ITU-T G.7041. LCCS - Loss of client character Synchronization. GFP frame reporting CSF indication has UPI equal to 2, that means Loss of client character Synchronization, this value is recommended by Standard ITU-T G.7041. |
| Displayed name | CSF Format |
| OSS name | csfType |
| Read-only | no |
| Tab Panel | General General |
| Type | CSFType |
| Enumerated types: | |
| LCCS | |
| LCS | |

CSF Propagation

Table 2-1143 CSF Propagation

| Name | Value |
|--------------------------|--|
| Description | Propagation of Client Signal Fail indication. Displays modalities of the propagation of Client Signal Fail indication. The signal is generated by the addressed ODU to the far end. FWD - Forward CSF Propagation. Failure on the interface at client side will be propagated forward by the addressed ODU as Client Signal Fail indication to the far end. FWDBWD - Forward and Backward CSF Propagation. Failure on the interface at client side will be propagated forward by the addressed ODU as Client Signal Fail indication to the far end. Server Signal Fail alarm detected by the addressed ODU will be propagated in the backward direction as the Client Signal Fail to the far end. NONE - No CSF Propagation. |
| Displayed name | CSF Propagation |
| OSS name | csfPropogationMode |
| Read-only | no |
| Tab Panel | General General |
| Type | CSFPropogationMode |
| Enumerated types: | |
| FWD | |
| FWDBWD | |
| FWDGFPENH | |

Table 2-1143 CSF Propagation (continued)

| Name | Value |
|------|-------|
| NONE | |

Ctp ID**Table 2-1144 Ctp ID**

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Data Bearer Details**Table 2-1145 Data Bearer Details**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to gmpls.Databearer instance discovered through the CORBA interface. Applicable if the virtual ODU PTF is being used in a databearer. |
| Displayed name | Data Bearer Details |
| OSS name | dataBearerPointer |
| Read-only | yes |
| Tab Panel | General ASON Control Plane - Data Bearer |
| Type | POINTER |

DM Current Status

Table 2-1146 DM Current Status

| Name | Value |
|--------------------------|--------------------------------------|
| Default | yes:none |
| Description | Delay measurement - current status |
| Displayed name | DM Current Status |
| OSS name | delayMeasurementCurrentStatus |
| Read-only | yes |
| Tab Panel | General Delay Measurement Attributes |
| Type | DMCurrentStatus |
| Enumerated types: | |
| | |
| Invalid | |
| N/A | |
| Valid | |

DM Current Value

Table 2-1147 DM Current Value

| Name | Value |
|----------------|--------------------------------------|
| Description | Delay measurement - current value |
| Displayed name | DM Current Value |
| OSS name | delayMeasurementCurrentValue |
| Read-only | yes |
| Tab Panel | General Delay Measurement Attributes |
| Type | FLOAT |

Expected DAPI

Table 2-1148 Expected DAPI

| Name | Value |
|----------------|--|
| Description | The DAPI expected by the receiver. This object has no effect when timDetMode has the value off(1) or dapi(2).{BR} DAPI: Destination Access Point Identifier. |
| Displayed name | Expected DAPI |
| Maximum | 31 |

Table 2-1148 Expected DAPI (continued)

| Name | Value |
|-------------|--------------|
| Minimum | 0 |
| OSS name | expectedDapi |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

Expected TTI**Table 2-1149 Expected TTI**

| Name | Value |
|----------------|---|
| Description | The SAPI expected by the receiver. This object has no effect when timDetMode has the value off(1). {BR} SAPI: Source Access Point Identifier. |
| Displayed name | Expected TTI |
| Maximum | 31 |
| Minimum | 0 |
| OSS name | expectedSapi |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

Incoming Backward FTFL Operator ID**Table 2-1150 Incoming Backward FTFL Operator ID**

| Name | Value |
|----------------|---|
| Description | This is for ODUk Backward FTFL Oper Id. |
| Displayed name | Incoming Backward FTFL Operator ID |
| OSS name | oduBkwrdfTFLOperId |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming Backward FTFL Type ID

Table 2-1151 Incoming Backward FTFL Type ID

| Name | Value |
|----------------|---|
| Description | This is for ODUk Backward FTFL Type Id. |
| Displayed name | Incoming Backward FTFL Type ID |
| OSS name | oduBkwrdfTFLTypeid |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming DAPI

Table 2-1152 Incoming DAPI

| Name | Value |
|----------------|--|
| Description | The second 16 octets (TTI[16]-TTI[31]) of acceptedTti. |
| Displayed name | Incoming DAPI |
| OSS name | rxDapi |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | STRING |

Incoming EXP

Table 2-1153 Incoming EXP

| Name | Value |
|----------------|---|
| Description | This is for OduK Backward Incoming EXP. |
| Displayed name | Incoming EXP |
| OSS name | odukIncFtflExp |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming Forward FTFL Operator ID**Table 2-1154 Incoming Forward FTFL Operator ID**

| Name | Value |
|----------------|--|
| Description | This is for ODUk Forward FTFL Oper Id. |
| Displayed name | Incoming Forward FTFL Operator ID |
| OSS name | oduFwrFTFLOperId |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming Forward FTFL Type ID**Table 2-1155 Incoming Forward FTFL Type ID**

| Name | Value |
|----------------|--|
| Description | This is for ODUk Forward FTFL Type Id. |
| Displayed name | Incoming Forward FTFL Type ID |
| OSS name | oduFwrFTFLTypeId |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming OS**Table 2-1156 Incoming OS**

| Name | Value |
|----------------|--|
| Description | The last 32 octets (TTI[32]-TTI[63]) of acceptedTti. |
| Displayed name | Incoming OS |
| OSS name | rxOs |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | STRING |

Incoming TTI

Table 2-1157 Incoming TTI

| Name | Value |
|----------------|---|
| Description | The fist 16 octets (TTI[0]-TTI[15]) of acceptedTti. |
| Displayed name | Incoming TTI |
| OSS name | rxSapi |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | STRING |

Incoming TTI Status

Table 2-1158 Incoming TTI Status

| Name | Value |
|----------------|---------------------|
| Displayed name | Incoming TTI Status |
| OSS name | incTtiStatus |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | STRING |

Layer Type

Table 2-1159 Layer Type

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.LayerType |

Management Access Domain**Table 2-1160 Management Access Domain**

| Name | Value |
|--------------------------|---|
| Default | yes:unknown |
| Description | Management Access Domain determines how the facility is managed (i.e. to which manager assigned). |
| Displayed name | Management Access Domain |
| OSS name | mgmtAccessDomain |
| Read-only | yes |
| Tab Panel | General General |
| Type | MgmtAccessDomains |
| Enumerated types: | |
| Control Plane | |
| Management Plane | |
| Mixed Plane | |
| None | |

Name**Table 2-1161 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

ODU Rx PM Enabled**Table 2-1162 ODU Rx PM Enabled**

| Name | Value |
|-------------|----------------------------------|
| Description | Enable and disable the ODURx PM. |

Table 2-1162 ODU Rx PM Enabled (continued)

| Name | Value |
|----------------|-----------------------|
| Displayed name | ODU Rx PM Enabled |
| OSS name | statsRxEnable |
| Read-only | no |
| Tab Panel | General Stats Control |
| Type | BOOL |

Operational Capability

Table 2-1163 Operational Capability

| Name | Value |
|----------------|-------------------------------|
| Default | yes:disabled |
| Displayed name | Operational Capability |
| OSS name | operationalCapability |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.OperationalCapability |

Operational State

Table 2-1164 Operational State

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:unknown |
| Description | Operational state of the interface. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.XcState |

Payload Type**Table 2-1165 Payload Type**

| Name | Value |
|----------------|---|
| Description | The ODUk payload type value provisioned on the transmitting direction. This is applicable only to an ODU adaptation function. |
| Displayed name | Payload Type |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | txPayloadType |
| Read-only | no |
| Tab Panel | General ODU Payload |
| Type | INT |

Payload Type Mismatch Response**Table 2-1166 Payload Type Mismatch Response**

| Name | Value |
|----------------|---|
| Description | Payload Type Mismatch (PLM) consequence action. |
| Displayed name | Payload Type Mismatch Response |
| OSS name | plmConsequenceAction |
| Read-only | no |
| Tab Panel | General ODU Payload |
| Type | BOOL |

Primary State**Table 2-1167 Primary State**

| Name | Value |
|----------------|--------------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.PrimaryStateType |

Rate

Table 2-1168 Rate

| Name | Value |
|-----------------------|-----------------|
| Default | yes:null |
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.OduRate |

Received Payload Structure

Table 2-1169 Received Payload Structure

| Name | Value |
|----------------|--|
| Description | The received ODU payload structure value. It is retrieved from the received ODU MSI bytes. |
| Displayed name | Received Payload Structure |
| OSS name | rxOduStruct |
| Read-only | yes |
| Tab Panel | General ODU Payload Structure |
| Type | STRING |

Secondary State

Table 2-1170 Secondary State

| Name | Value |
|----------------|----------------------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.SecondaryStateType |

Signal Degrade Burst Interval**Table 2-1171 Signal Degrade Burst Interval**

| Name | Value |
|----------------|---|
| Description | Burst Interval specifies the number of consecutive bad seconds (see parameter BRSTTH) to be detected before {BR} declaring a signal degrade defect (SDBER) on the ODU path layer. The defect is cleared if BRSTINTVL consecutive {BR} good seconds (see parameter BRSTTH) are detected. |
| Displayed name | Signal Degrade Burst Interval |
| Maximum | 10 |
| Minimum | 2 |
| OSS name | signalDegradeBurstInterval |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Signal Degrade Burst Threshold**Table 2-1172 Signal Degrade Burst Threshold**

| Name | Value |
|----------------|---|
| Description | Burst Threshold specifies a number of errored blocks on the ODU path layer. A second is declared as good {BR} if the number of detected errored blocks within one second is less than BRSTTH; otherwise the second is declared as bad second. |
| Displayed name | Signal Degrade Burst Threshold |
| Maximum | 856388 |
| Minimum | 1 |
| OSS name | signalDegradeBurstThreshold |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Site ID**Table 2-1173 Site ID**

| Name | Value |
|----------------|---------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |

Table 2-1173 Site ID (continued)

| Name | Value |
|-------------|--------------|
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site ID

Table 2-1174 Site ID

| Name | Value |
|----------------|---|
| Description | If site is the network element, siteId is the neId. |
| Displayed name | Site ID |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name

Table 2-1175 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name

Table 2-1176 Site Name

| Name | Value |
|-------------|---|
| Description | If site is the network element, siteName is its name. |

Table 2-1176 Site Name (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

State Qualifier

Table 2-1177 State Qualifier

| Name | Value |
|----------------|------------------------|
| Displayed name | State Qualifier |
| OSS name | stateQualifier |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.StateQualifier |

Supported Client Payload Types

Table 2-1178 Supported Client Payload Types

| Name | Value |
|--------------------------|--|
| Description | Payload Type. Indicates the client signal being carried by the ODUPTF. |
| Displayed name | Supported Client Payload Types |
| OSS name | supportedPayloadTypes |
| Read-only | yes |
| Tab Panel | General ODU Payload |
| Type | PayloadTypes |
| Enumerated types: | |
| 1000BaseX | |
| AMCC | |
| ASCBR | |
| BSCBR | |
| CAMCC | |
| GBENTTT | |

Table 2-1178 Supported Client Payload Types (continued)

| Name | Value |
|----------|-------|
| GFP | |
| ODUM | |
| ODUMPT21 | |
| OLDAMCC | |
| STM1OC3 | |
| STM4OC12 | |

TCA Profile

Table 2-1179 TCA Profile

| Name | Value |
|----------------|-------------------|
| Displayed name | TCA Profile |
| OSS name | tcaProfilePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Transmit DAPI

Table 2-1180 Transmit DAPI

| Name | Value |
|----------------|--|
| Description | Transmitted Trail Trace Identifier (TTI), Transmit Destination Access Point Identifier |
| Displayed name | Transmit DAPI |
| Maximum | 31 |
| Minimum | 0 |
| OSS name | txDapi |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

Transmit OS**Table 2-1181 Transmit OS**

| Name | Value |
|----------------|---|
| Description | Transmitted Trail Trace Identifier (TTI), Transmit Source Access Point Identifier |
| Displayed name | Transmit OS |
| Maximum | 65 |
| Minimum | 0 |
| OSS name | txOs |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

Transmitted Payload Structure**Table 2-1182 Transmitted Payload Structure**

| Name | Value |
|----------------|---|
| Description | The transmitted ODU payload structure value. It is programmed into the transmitted ODU MSI bytes. |
| Displayed name | Transmitted Payload Structure |
| OSS name | txOduStruct |
| Read-only | yes |
| Tab Panel | General ODU Payload Structure |
| Type | STRING |

Transmitted TTI**Table 2-1183 Transmitted TTI**

| Name | Value |
|----------------|--|
| Description | Transmitted Trail Trace Identifier (TTI), Transmit Source Access Point Identifier. |
| Displayed name | Transmitted TTI |
| Maximum | 31 |
| Minimum | 0 |
| OSS name | txSapi |
| Read-only | no |
| Tab Panel | General TTI |

Table 2-1183 Transmitted TTI (continued)

| Name | Value |
|------|--------|
| Type | STRING |

TTI Comparison

Table 2-1184 TTI Comparison

| Name | Value |
|----------------|---|
| Description | Indicates the mode of the Trace Identifier Mismatch (TIM) Detection function. |
| Displayed name | TTI Comparison |
| OSS name | timDetMode |
| Read-only | no |
| Tab Panel | General TTI |
| Type | optical.TimDetectionMode |

TTI Mismatch Response

Table 2-1185 TTI Mismatch Response

| Name | Value |
|----------------|--|
| Description | Indicates whether the Trace Identifier Mismatch (TIM) Consequent Action function is enabled. |
| Displayed name | TTI Mismatch Response |
| OSS name | timActEnabled |
| Read-only | no |
| Tab Panel | General TTI |
| Type | BOOL |

TTI Status

Table 2-1186 TTI Status

| Name | Value |
|----------------|-------------|
| Description | TTI status. |
| Displayed name | TTI Status |
| OSS name | tTiStatus |
| Read-only | yes |

Table 2-1186 TTI Status (continued)

| Name | Value |
|-------------|-------------------------|
| Tab Panel | General TTI |
| Type | optical.AluWdmTtiStatus |

Use System AINS Timer**Table 2-1187 Use System AINS Timer**

| Name | Value |
|----------------|--------------------------|
| Displayed name | Use System AINS Timer |
| OSS name | usingSysAinsDebounceTime |
| Read-only | no |
| Tab Panel | States AINS |
| Type | BOOL |

ODU Trail parameters**A to Z****Table 2-1188 A to Z**

| Name | Value |
|--------------------------|---|
| Description | Indicates which trail path is the active one in the AZ direction. |
| Displayed name | A to Z |
| OSS name | activePathAZ |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

A-Z Expected TTI**Table 2-1189 A-Z Expected TTI**

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | ODU expected Trail Trace Identifier in Z End of Trail (A-Z direction). For 1830PSS nodes, valid range is [0..15] bytes. For other nodes, valid range is [0..64] bytes. |
| Displayed name | A-Z Expected TTI |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | expectedSapiZA |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

A-Z Transmitted OS**Table 2-1190 A-Z Transmitted OS**

| Name | Value |
|----------------|---|
| Default | yes:N/A |
| Description | Transmitted Trail Trace Identifier (TTI), Transmit Source Access Point Identifier |
| Displayed name | A-Z Transmitted OS |
| Maximum | 65 |
| Minimum | 0 |
| OSS name | txOsAz |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

A-Z Transmitted TTI**Table 2-1191 A-Z Transmitted TTI**

| Name | Value |
|-------------|---|
| Default | yes:N/A |
| Description | ODU transmitted Trail Trace Identifier at A End of Trail (A-Z direction). For 1830PSS nodes, valid range is [0..15] bytes. For other nodes, valid range is [0..64] bytes. |

Table 2-1191 A-Z Transmitted TTI (continued)

| Name | Value |
|----------------|------------------------|
| Displayed name | A-Z Transmitted TTI |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | txSapiAZ |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

Additional Information

Table 2-1192 Additional Information

| Name | Value |
|--------------------------|--|
| Description | Indicates why operational state is down for this connection. |
| Displayed name | Additional Information |
| OSS name | stateCause |
| Read-only | yes |
| Tab Panel | General States |
| Type | OperationalFlags |
| Enumerated types: | |
| | Cross Connect Down |
| | Missing Cross Connect |
| | Missing ODUk Connection |
| | Missing VTS Connection |
| | OCH Trail Name Mismatch |
| | Port (that is not part of CrossConnect) Down |
| | VTS Connection is Down |
| | Wave Key Mode Mismatch |

Administrative State

Table 2-1193 Administrative State

| Name | Value |
|---------|--------|
| Default | yes:up |

Table 2-1193 Administrative State (continued)

| Name | Value |
|--------------------------|---|
| Description | The administrative state of the connection. |
| Displayed name | Administrative State |
| Mandatory on creation | yes |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionAdminState |
| Enumerated types: | |
| Automatic In-Service | |
| Blocking | |
| Down | |
| Maintenance | |
| Partially Down | |
| Standby/Backup | |
| Unknown | |
| Up | |

Asymmetric Interworking

Table 2-1194 Asymmetric Interworking

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates if this trail is interworking between OTH and non-OTH endpoints. |
| Displayed name | Asymmetric Interworking |
| OSS name | interworking |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Bidirectional**Table 2-1195 Bidirectional**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Connection Type**Table 2-1196 Connection Type**

| Name | Value |
|--------------------------|---------------------|
| Default | yes:unspecified |
| Description | Type of connection. |
| Displayed name | Connection Type |
| Mandatory on creation | yes |
| OSS name | connectionType |
| Read-only | no |
| Tab Panel | General General |
| Type | ConnectionType |
| Enumerated types: | |
| Multipoint Service Path | |
| OCH CrossConnect | |
| OCH CrossConnect Group | |
| OCH Trail | |
| OCH Trail Path | |
| OCH Trail Path - Preview | |
| ODU Trail | |
| ODU Trail Path | |
| ODU Trail Path - Preview | |
| ODUk CrossConnect | |
| OMS Trail | |

Table 2-1196 Connection Type (continued)

| Name | Value |
|----------------------------|-------|
| OMS Trail Path | |
| OT CrossConnect | |
| OTS Trail | |
| OTS Trail Path | |
| OTU Trail | |
| OTU Trail Path | |
| OTU Trail Path - Preview | |
| Port Trail | |
| Service Path | |
| Service Path - Preview | |
| Subnetwork Connection | |
| Transport Service | |
| Virtual OCH CrossConnect | |
| Virtual ODUk Cross Connect | |
| VTS CrossConnect | |

Customer

Table 2-1197 Customer

| Name | Value |
|----------------|-------------------|
| Displayed name | Customer |
| OSS name | subscriberPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Customer ID

Table 2-1198 Customer ID

| Name | Value |
|-----------------------|-------------|
| Default | yes:0 |
| Displayed name | Customer ID |
| Mandatory on creation | yes |

Table 2-1198 Customer ID (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | subscriberId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Customer Name**Table 2-1199 Customer Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | subscriberName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

DM Current Status**Table 2-1200 DM Current Status**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:none |
| Description | Delay measurement - current status |
| Displayed name | DM Current Status |
| OSS name | delayMeasurementCurrentStatus |
| Read-only | yes |
| Tab Panel | General Delay Measurement |
| Type | oth.DMCurrentStatus |

DM Current Value

Table 2-1201 DM Current Value

| Name | Value |
|----------------|-----------------------------------|
| Description | Delay measurement - current value |
| Displayed name | DM Current Value |
| OSS name | delayMeasurementCurrentValue |
| Read-only | yes |
| Tab Panel | General Delay Measurement |
| Type | FLOAT |
| Units | us |

Force Create OCh XC

Table 2-1202 Force Create OCh XC

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates whether the OCH XC should be created by force when power commissioning provisioning state is "InProgress". |
| Displayed name | Force Create OCh XC |
| OSS name | forceXcCreate |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Inconsistency

Table 2-1203 Inconsistency

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Description of discrepancy if there is discrepancy in the Trail. |
| Displayed name | Inconsistency |
| OSS name | discrepancy |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Inconsistent**Table 2-1204 Inconsistent**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Flag that indicates if there is any discrepancy in the Trail. Example - when APS Protection Mode parameters for the APS Groups in the trail do not match, then this flag will be enabled. |
| Displayed name | Inconsistent |
| OSS name | discrepancyFlag |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Operational State**Table 2-1205 Operational State**

| Name | Value |
|--------------------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionOperState |
| Enumerated types: | |
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

Path Preference**Table 2-1206 Path Preference**

| Name | Value |
|-------------------------------------|---|
| Default | yes:working |
| Description | Indicates whether the working path or the protection path needs to be retained when Trail protection is modified to unprotected |
| Displayed name | Path Preference |
| OSS name | modifyProtectionPreference |
| Read-only | no |
| Tab Panel | General General |
| Type | ModifyProtectionPreference |
| Enumerated types: | |
| None | |
| Retain Path A1Z1 | |
| Retain Path A1Z2 | |
| Retain Path A2Z1 | |
| Retain Path A2Z2 | |
| Retain Protection Path | |
| Retain Termination Points A1 and Z1 | |
| Retain Termination Points A1 and Z2 | |
| Retain Termination Points A2 and Z1 | |
| Retain Termination Points A2 and Z2 | |
| Retain Working Path | |

Path Search Option**Table 2-1207 Path Search Option**

| Name | Value |
|----------------|---|
| Default | yes:system |
| Description | Specifies if routing path should be Auto-picked or User Defined. In case of User Defined, complete route needs to be defined by User via constraints. |
| Displayed name | Path Search Option |
| OSS name | pathSearchOption |
| Read-only | no |
| Tab Panel | General General |

Table 2-1207 Path Search Option (continued)

| Name | Value |
|--------------------------|----------------|
| Type | PathSearchType |
| Enumerated types: | |
| GMRE Defined | |
| Interactive Mode | |
| System Defined | |
| User Defined | |

Payload Type**Table 2-1208 Payload Type**

| Name | Value |
|----------------|-------------------------|
| Default | yes:N/A |
| Description | ODU Payload Type. |
| Displayed name | Payload Type |
| Maximum | 3 |
| Minimum | 0 |
| OSS name | txPayloadType |
| Read-only | no |
| Tab Panel | General ODUk Attributes |
| Type | STRING |

Payload Type Mismatch Response**Table 2-1209 Payload Type Mismatch Response**

| Name | Value |
|--------------------------|---|
| Default | yes:notApplicable |
| Description | Payload Type Mismatch Response Enabled. |
| Displayed name | Payload Type Mismatch Response |
| OSS name | plmConsequenceAction |
| Read-only | no |
| Tab Panel | General ODUk Attributes |
| Type | TimActEnabled |
| Enumerated types: | |

Table 2-1209 Payload Type Mismatch Response (continued)

| Name | Value |
|----------|-------|
| Disabled | |
| Enabled | |
| Unknown | |

Plane Type

Table 2-1210 Plane Type

| Name | Value |
|-----------------------|---|
| Default | yes:MP |
| Description | - Management plane, control plane or mixed. |
| Displayed name | Plane Type |
| Mandatory on creation | yes |
| OSS name | managementDomains |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.MgmtAccessDomains |

Protection Level

Table 2-1211 Protection Level

| Name | Value |
|--------------------------|---|
| Default | yes:unprotected |
| Description | The calculated level of protection based on the underlying server OTN layers. |
| Displayed name | Protection Level |
| Mandatory on creation | yes |
| OSS name | protectionLevel |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionLevel |
| Enumerated types: | |
| Protected | |
| Segment Protected | |
| Unprotected | |

Protection Type

Table 2-1212 Protection Type

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:unprotected |
| Description | Protection type of the trail. |
| Displayed name | Protection Type |
| OSS name | protection |
| Read-only | no |
| Tab Panel | General General |
| Type | TrailProtectionType |
| Enumerated types: | |
| Diverse Route | |
| OPS Protected | |
| Segment Protected | |
| SNCI Protected | |
| SNCN Protected | |
| SNCNC Protected | |
| Unprotected | |
| Y-Cable Protected | |

Rate

Table 2-1213 Rate

| Name | Value |
|--------------------------|----------------------------------|
| Description | Indicates the rate of the trail. |
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | AssignedRate |
| Enumerated types: | |
| 100GbE LAN | |
| 10GbE LAN | |
| 1GbE | |

Table 2-1213 Rate (continued)

| Name | Value |
|---------------|-------|
| 3GSDI | |
| 40GbE LAN | |
| 40GbE MLD LAN | |
| BITS | |
| CBR10G | |
| CBR10G3 | |
| CBR2G5 | |
| DCN | |
| DDR | |
| Default | |
| DVBASI | |
| DVI 6000 | |
| E1 | |
| ESCON | |
| FC100 | |
| FC1200 | |
| FC1600 | |
| FC200 | |
| FC400 | |
| FC800 | |
| FDDI | |
| FE | |
| HDSDI | |
| N/A | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU1 | |
| ODU1e | |

Table 2-1213 Rate (continued)

| Name | Value |
|-------------------|-------|
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex-3GSDI | |
| ODUFlex-40GBE MLD | |
| ODUFlex-CBR | |
| ODUFlex-DDR | |
| ODUFlex-FC1200 | |
| ODUFlex-FC1600 | |
| ODUFlex-FC400 | |
| ODUFlex-FC800 | |
| ODUFlex-GFP | |
| OMS | |
| ONETRU | |
| OPTSG | |
| OS | |
| OTL4.4 | |
| OTS | |
| OTU1 | |
| OTU1f | |
| OTU2 | |
| OTU2e | |
| OTU3 | |
| OTU3e2 | |
| OTU4 | |
| OTU4x2 | |
| SDR | |
| SDSDI | |

Table 2-1213 Rate (continued)

| Name | Value |
|------------|-------|
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| SubGigE | |
| TOD | |
| Unassigned | |
| Unknown | |

Revert Mode

Table 2-1214 Revert Mode

| Name | Value |
|--------------------------|---|
| Default | yes:nonrevertive |
| Description | Indicates whether revertive or non-revertive OduK ApsGroups are to be provisioned as part of ODUTrail provisioning. |
| Displayed name | Revert Mode |
| OSS name | apsRevertMode |
| Read-only | no |
| Tab Panel | General ODUk Protection Group |
| Type | ApsRevertMode |
| Enumerated types: | |
| Non Revertive | |
| Revertive | |

Trail ID

Table 2-1215 Trail ID

| Name | Value |
|----------------|-------------------------------|
| Default | yes:0 |
| Description | Unique id for the Connection. |
| Displayed name | Trail ID |

Table 2-1215 Trail ID (continued)

| Name | Value |
|-----------------------|-----------------|
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | connId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Trail Name**Table 2-1216 Trail Name**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes: |
| Description | Displayed name of the Connection. |
| Displayed name | Trail Name |
| Maximum | 256 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

TTI Comparison**Table 2-1217 TTI Comparison**

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Indicates the mode of the Trace Identifier Mismatch (TIM) Detection function. |
| Displayed name | TTI Comparison |
| OSS name | timDetMode |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | TimDetectionMode |

Table 2-1217 TTI Comparison (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| DAPI | |
| Disabled | |
| Enabled | |
| SAPI | |
| SAPIDAPI | |
| Unknown | |

TTI Mismatch Response

Table 2-1218 TTI Mismatch Response

| Name | Value |
|--------------------------|--|
| Default | yes:notApplicable |
| Description | Indicates whether the Trace Identifier Mismatch (TIM) Consequent Action function is enabled. |
| Displayed name | TTI Mismatch Response |
| OSS name | timActEnabled |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | TimActEnabled |
| Enumerated types: | |
| Disabled | |
| Enabled | |
| Unknown | |

TTI Preference

Table 2-1219 TTI Preference

| Name | Value |
|----------------|---|
| Default | yes:ascii |
| Description | The OCh OTU FEC mode. Depending on the port rate this can be OTU1 FEC Mode/OTU2 FEC Mode/OTU3 FEC Mode/OTU4 FEC Mode. |
| Displayed name | TTI Preference |
| OSS name | ttiPreference |

Table 2-1219 TTI Preference (continued)

| Name | Value |
|--------------------------|------------------------|
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | TTIPreference |
| Enumerated types: | |
| ASCII | |
| HEX | |

Wave Key Assign Mode

Table 2-1220 Wave Key Assign Mode

| Name | Value |
|--------------------------|--------------------------|
| Default | yes:auto |
| Description | Wavekey generation mode. |
| Displayed name | Wave Key Assign Mode |
| Mandatory on creation | yes |
| OSS name | wavekeyAssignMode |
| Read-only | no |
| Tab Panel | General OTU/OCH Details |
| Type | WavekeySelect |
| Enumerated types: | |
| Auto Keying (NE) | |
| Auto Keying (NMS) | |
| Unkeyed | |

Z to A

Table 2-1221 Z to A

| Name | Value |
|----------------|---|
| Description | Indicates which trail path is the active one in the ZA direction. |
| Displayed name | Z to A |
| OSS name | activePathZA |
| Read-only | no |
| Tab Panel | General Active Path |

Table 2-1221 Z to A (continued)

| Name | Value |
|--------------------------|-----------------|
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Z-A Expected TTI

Table 2-1222 Z-A Expected TTI

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | ODU expected Trail Trace Identifier at A End of Trail (Z-A direction). For 1830PSS nodes, valid range is [0..15] bytes. For other nodes, valid range is [0..64] bytes. |
| Displayed name | Z-A Expected TTI |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | expectedSapiAZ |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

Z-A Transmitted OS

Table 2-1223 Z-A Transmitted OS

| Name | Value |
|----------------|---|
| Default | yes:N/A |
| Description | Transmitted Trail Trace Identifier (TTI), Transmit Source Access Point Identifier |
| Displayed name | Z-A Transmitted OS |
| Maximum | 65 |

Table 2-1223 Z-A Transmitted OS (continued)

| Name | Value |
|-------------|------------------------|
| Minimum | 0 |
| OSS name | txOsZa |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

Z-A Transmitted TTI**Table 2-1224 Z-A Transmitted TTI**

| Name | Value |
|----------------|---|
| Default | yes:N/A |
| Description | ODU transmitted Trail Trace Identifier at Z End of Trail (Z-A direction). For 1830PSS nodes, valid range is [0..15] bytes. For other nodes, valid range is [0..64] bytes. |
| Displayed name | Z-A Transmitted TTI |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | txSapiZA |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

ODUk Cross Connect parameters**Administrative State****Table 2-1225 Administrative State**

| Name | Value |
|-----------------------|---|
| Default | yes:up |
| Description | The administrative state of the connection. |
| Displayed name | Administrative State |
| Mandatory on creation | yes |
| OSS name | administrativeState |
| Read-only | no |

Table 2-1225 Administrative State (continued)

| Name | Value |
|-------------|----------------------|
| Tab Panel | States General |
| Type | ConnectionAdminState |

Bidirectional

Table 2-1226 Bidirectional

| Name | Value |
|-----------------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| Mandatory on creation | yes |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Cross Connect Id

Table 2-1227 Cross Connect Id

| Name | Value |
|-----------------------|-----------------------------------|
| Default | yes:0 |
| Description | SAM generated XC id used for FDN. |
| Displayed name | Cross Connect Id |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | xcId |
| Read-only | no |
| Tab Panel | General Cross Connect Information |
| Type | LONG |

Destination**Table 2-1228 Destination**

| Name | Value |
|----------------|---|
| Description | Name of the endpoint Z, used for display. |
| Displayed name | Destination |
| OSS name | endpointZName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

High Order ODUk**Table 2-1229 High Order ODUk**

| Name | Value |
|----------------|----------------------------|
| Default | yes: |
| Description | Destination High Order ODU |
| Displayed name | High Order ODUk |
| OSS name | destinationHoOdu |
| Read-only | no |
| Tab Panel | General Z-End |
| Type | POINTER |

High Order ODUk**Table 2-1230 High Order ODUk**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | This represents the HO-ODU PTF in the pool for the ODUk Cross Connect. |
| Displayed name | High Order ODUk |
| OSS name | hoOduTerminationPoint |
| Read-only | yes |
| Tab Panel | General Z-End |
| Type | POINTER |

High Order ODUk

Table 2-1231 High Order ODUk

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Description | Source High Order ODU |
| Displayed name | High Order ODUk |
| OSS name | sourceHoOdu |
| Read-only | no |
| Tab Panel | General A-End |
| Type | POINTER |

High Order ODUk Name

Table 2-1232 High Order ODUk Name

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | High Order ODUk Name |
| Maximum | 252 |
| OSS name | destHoOduName |
| Read-only | yes |
| Tab Panel | General Z-End |
| Type | STRING |

High Order ODUk Name

Table 2-1233 High Order ODUk Name

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | High Order ODUk Name |
| Maximum | 252 |
| OSS name | srcHoOduName |
| Read-only | yes |
| Tab Panel | General A-End |
| Type | STRING |

ID

Table 2-1234 ID

| Name | Value |
|-----------------------|-----------------------------------|
| Default | yes:0 |
| Description | SAM generated XC id used for FDN. |
| Displayed name | ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | xcId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Low Order ODUk

Table 2-1235 Low Order ODUk

| Name | Value |
|----------------|---------------------------|
| Default | yes: |
| Description | Destination Low Order ODU |
| Displayed name | Low Order ODUk |
| OSS name | destinationLoOdu |
| Read-only | no |
| Tab Panel | General Z-End |
| Type | POINTER |

Low Order ODUk

Table 2-1236 Low Order ODUk

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Description | Source Low Order ODU |
| Displayed name | Low Order ODUk |
| OSS name | sourceLoOdu |
| Read-only | no |
| Tab Panel | General A-End |

Table 2-1236 Low Order ODUk (continued)

| Name | Value |
|------|---------|
| Type | POINTER |

Low Order ODUk Name

Table 2-1237 Low Order ODUk Name

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Low Order ODUk Name |
| Maximum | 252 |
| OSS name | destLoOduName |
| Read-only | yes |
| Tab Panel | General Z-End |
| Type | STRING |

Low Order ODUk Name

Table 2-1238 Low Order ODUk Name

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Low Order ODUk Name |
| Maximum | 252 |
| OSS name | srcLoOduName |
| Read-only | yes |
| Tab Panel | General A-End |
| Type | STRING |

Name

Table 2-1239 Name

| Name | Value |
|-------------|---|
| Default | yes: |
| Description | Can be deployed on NE for OCh cross-connect, or connection group. For OCH XC/XC group the max length is 80, so we keep this for OT XCs too. This is the OCHTrail name for OCH XCs or OCH XC groups. |

Table 2-1239 Name (continued)

| Name | Value |
|----------------|-----------------------------------|
| Displayed name | Name |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | xcName |
| Read-only | no |
| Tab Panel | General Cross Connect Information |
| Type | STRING |

Name**Table 2-1240 Name**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Can be deployed on NE for OCh cross-connect, or connection group. For OCH XC/XC group the max length is 80, so we keep this for OT XCs too. This is the OCHTrail name for OCH XCs or OCH XC groups. |
| Displayed name | Name |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | xcName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

ODUk Protection Group**Table 2-1241 ODUk Protection Group**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | This represents the APS Group, this cross connect is referring to. |
| Displayed name | ODUk Protection Group |
| OSS name | apsGroupPointer |
| Read-only | yes |
| Tab Panel | General General |

Table 2-1241 ODUk Protection Group (continued)

| Name | Value |
|------|---------|
| Type | POINTER |

Operational State

Table 2-1242 Operational State

| Name | Value |
|----------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | States General |
| Type | ConnectionOperState |

Primary State

Table 2-1243 Primary State

| Name | Value |
|----------------|--------------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.PrimaryStateType |

Protection State

Table 2-1244 Protection State

| Name | Value |
|-----------------------|---|
| Default | yes:none |
| Description | The protection state of the connection. |
| Displayed name | Protection State |
| Mandatory on creation | yes |
| OSS name | protectionState |

Table 2-1244 Protection State (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionState |

Rate

Table 2-1245 Rate

| Name | Value |
|--------------------------|------------------------------|
| Description | The OduK cross connect Rate. |
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | odukXcRate |
| Read-only | no |
| Tab Panel | General General |
| Type | OdukXcRate |
| Enumerated types: | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex | |
| ODUFlex-3GSDI | |
| ODUFlex-FC400 | |
| ODUFlex-SDR | |
| OPTSG | |
| unspecified | |

Rate

Table 2-1246 Rate

| Name | Value |
|--------------------------|--|
| Description | The ODUk rate state of the connection. |
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General Cross Connect Information |
| Type | OdukXcRate |
| Enumerated types: | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex | |
| ODUFlex-3GSDI | |
| ODUFlex-FC400 | |
| ODUFlex-SDR | |
| OPTSG | |
| unspecified | |

Secondary State

Table 2-1247 Secondary State

| Name | Value |
|----------------|-----------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |

Table 2-1247 Secondary State (continued)

| Name | Value |
|-------------|----------------------------|
| OSS name | secondaryState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.SecondaryStateType |

Shelf

Table 2-1248 Shelf

| Name | Value |
|----------------|-------------------------|
| Default | yes: |
| Description | Reference to the Shelf. |
| Displayed name | Shelf |
| OSS name | shelfPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Shelf ID

Table 2-1249 Shelf ID

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | shelfid of the cross connect referring to cardslot opticalcardspecifics |
| Displayed name | Shelf ID |
| OSS name | shelfid |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Site

Table 2-1250 Site

| Name | Value |
|----------------|-----------------------------------|
| Default | yes: |
| Description | Reference to the Network Element. |
| Displayed name | Site |
| OSS name | sitePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Site ID

Table 2-1251 Site ID

| Name | Value |
|----------------|-----------------|
| Default | yes:0.0.0.0 |
| Description | Site ID. |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name

Table 2-1252 Site Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Description | Site name. |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |

Table 2-1252 Site Name (continued)

| Name | Value |
|------|--------|
| Type | STRING |

Source

Table 2-1253 Source

| Name | Value |
|----------------|---|
| Description | Name of the endpoint A, used for display. |
| Displayed name | Source |
| OSS name | endpointAName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Termination on ODUPPOOL

Table 2-1254 Termination on ODUPPOOL

| Name | Value |
|--------------------------|--|
| Default | yes:none |
| Description | Specifies if the endpoint is to be the ODUPPOOL. |
| Displayed name | Termination on ODUPPOOL |
| Mandatory on creation | yes |
| OSS name | oduPoolEndPoint |
| Read-only | no |
| Tab Panel | General Cross Connect Information |
| Type | OduPoolEndPoint |
| Enumerated types: | |
| A End | |
| none | |
| Z End | |

Oduk Nim Substructure parameters

Administrative State

Table 2-1255 Administrative State

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Administrative state of the interface. It may be used to suppress the alarms or disable consequent actions on the entity. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.XcState |

AINS Countdown

Table 2-1256 AINS Countdown

| Name | Value |
|----------------|---------------------------|
| Displayed name | AINS Countdown |
| OSS name | ainsDebounceTimeRemaining |
| Read-only | yes |
| Tab Panel | States AINS |
| Type | STRING |
| Units | HH:MM |

AINS State

Table 2-1257 AINS State

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Description | AINS state of the interface. |
| Displayed name | AINS State |
| OSS name | ainsState |
| Read-only | no |
| Tab Panel | States AINS |

Table 2-1257 AINS State (continued)

| Name | Value |
|------|-------|
| Type | BOOL |

AINS Timer**Table 2-1258 AINS Timer**

| Name | Value |
|----------------|------------------|
| Displayed name | AINS Timer |
| OSS name | ainsDebounceTime |
| Read-only | no |
| Tab Panel | States AINS |
| Type | STRING |
| Units | HH:MM |

Alarm Profile**Table 2-1259 Alarm Profile**

| Name | Value |
|----------------|---------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

APS Enabled**Table 2-1260 APS Enabled**

| Name | Value |
|----------------|---|
| Description | Enable or disable the proprietary APS bytes insertion in the ODU2 overhead. |
| Displayed name | APS Enabled |
| OSS name | apsEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.APSConfigType |

Assigned Rate

Table 2-1261 Assigned Rate

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Clear All Bins

Table 2-1262 Clear All Bins

| Name | Value |
|----------------|---|
| Default | yes:noCmd |
| Description | Clear all ODURx and ODUTx PMs in both current 15 minute bin and the current 1 day interval. |
| Displayed name | Clear All Bins |
| OSS name | clearAllBins |
| Read-only | no |
| Tab Panel | General Stats Control |
| Type | optical.PerformCommand |

Ctp ID

Table 2-1263 Ctp ID

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |

Table 2-1263 Ctp ID (continued)

| Name | Value |
|------|-------|
| Type | INT |

Incoming Backward FTFL Operator ID

Table 2-1264 Incoming Backward FTFL Operator ID

| Name | Value |
|----------------|---|
| Description | This is for ODUk Backward FTFL Oper Id. |
| Displayed name | Incoming Backward FTFL Operator ID |
| OSS name | oduBkwrdfTFLOperId |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming Backward FTFL Type ID

Table 2-1265 Incoming Backward FTFL Type ID

| Name | Value |
|----------------|---|
| Description | This is for ODUk Backward FTFL Type Id. |
| Displayed name | Incoming Backward FTFL Type ID |
| OSS name | oduBkwrdfTFLTypeId |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming EXP

Table 2-1266 Incoming EXP

| Name | Value |
|----------------|---|
| Description | This is for Oduk Backward Incoming EXP. |
| Displayed name | Incoming EXP |
| OSS name | odukIncFtlExp |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |

Table 2-1266 Incoming EXP (continued)

| Name | Value |
|------|--------|
| Type | STRING |

Incoming Forward FTFL Operator ID

Table 2-1267 Incoming Forward FTFL Operator ID

| Name | Value |
|----------------|--|
| Description | This is for ODUk Forward FTFL Oper Id. |
| Displayed name | Incoming Forward FTFL Operator ID |
| OSS name | oduFwrFTFLOperId |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming Forward FTFL Type ID

Table 2-1268 Incoming Forward FTFL Type ID

| Name | Value |
|----------------|--|
| Description | This is for ODUk Forward FTFL Type Id. |
| Displayed name | Incoming Forward FTFL Type ID |
| OSS name | oduFwrFTFLTypeId |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Layer Type

Table 2-1269 Layer Type

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |

Table 2-1269 Layer Type (continued)

| Name | Value |
|------|-------------------|
| Type | optical.LayerType |

Name**Table 2-1270 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

ODU Rx PM Enabled**Table 2-1271 ODU Rx PM Enabled**

| Name | Value |
|----------------|----------------------------------|
| Description | Enable and disable the ODURx PM. |
| Displayed name | ODU Rx PM Enabled |
| OSS name | statsRxEnable |
| Read-only | no |
| Tab Panel | General Stats Control |
| Type | BOOL |

ODU Tx PM Enabled**Table 2-1272 ODU Tx PM Enabled**

| Name | Value |
|----------------|----------------------------------|
| Description | Enable and disable the ODUTx PM. |
| Displayed name | ODU Tx PM Enabled |
| OSS name | statsTxEnable |

Table 2-1272 ODU Tx PM Enabled (continued)

| Name | Value |
|-------------|-----------------------|
| Read-only | no |
| Tab Panel | General Stats Control |
| Type | BOOL |

Operational State

Table 2-1273 Operational State

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:unknown |
| Description | Operational state of the interface. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.XcState |

Primary State

Table 2-1274 Primary State

| Name | Value |
|----------------|--------------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.PrimaryStateType |

Rate

Table 2-1275 Rate

| Name | Value |
|----------------|----------|
| Default | yes:null |
| Displayed name | Rate |

Table 2-1275 Rate (continued)

| Name | Value |
|-----------------------|-----------------|
| Mandatory on creation | yes |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.OduRate |

Secondary State

Table 2-1276 Secondary State

| Name | Value |
|----------------|----------------------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.SecondaryStateType |

Site ID

Table 2-1277 Site ID

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site ID

Table 2-1278 Site ID

| Name | Value |
|----------------|---|
| Description | If site is the network element, siteId is the neld. |
| Displayed name | Site ID |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name

Table 2-1279 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name

Table 2-1280 Site Name

| Name | Value |
|----------------|---|
| Description | If site is the network element, siteName is its name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

State Qualifier

Table 2-1281 State Qualifier

| Name | Value |
|----------------|------------------------|
| Displayed name | State Qualifier |
| OSS name | stateQualifier |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.StateQualifier |

TCA Profile

Table 2-1282 TCA Profile

| Name | Value |
|----------------|-------------------|
| Displayed name | TCA Profile |
| OSS name | tcaProfilePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Timeslot(s)

Table 2-1283 Timeslot(s)

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Timeslot(s) |
| Maximum | 252 |
| OSS name | timeSlots |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Use System AINS Timer

Table 2-1284 Use System AINS Timer

| Name | Value |
|----------------|--------------------------|
| Displayed name | Use System AINS Timer |
| OSS name | usingSysAinsDebounceTime |
| Read-only | no |
| Tab Panel | States AINS |
| Type | BOOL |

ODUK Protection Group parameters

Active Conditions

Table 2-1285 Active Conditions

| Name | Value |
|--------------------------|--|
| Description | The status of the APS group. Corresponds tnApsGroupCurrentStatus in the MIB. |
| Displayed name | Active Conditions |
| OSS name | currentStatus |
| Read-only | no |
| Tab Panel | APS Group Protection Management |
| Type | ApsCurrentStatusBits |
| Enumerated types: | |
| | Channel Mismatch |
| | Extra Traffic |
| | Far-End Protection-Line Failure |
| | Mode Mismatch |
| | Protection Switch Byte Failure |

Administrative State

Table 2-1286 Administrative State

| Name | Value |
|----------------|----------------------|
| Default | yes:unspecified |
| Displayed name | Administrative State |

Table 2-1286 Administrative State (continued)

| Name | Value |
|-------------|-------------------------------|
| OSS name | administrativeState |
| Read-only | yes |
| Tab Panel | States General |
| Type | equipment.AdministrativeState |

APS Protection Mode**Table 2-1287 APS Protection Mode**

| Name | Value |
|--------------------------|---------------------------------------|
| Default | yes:onePlusOne |
| Description | Indicates the type of APS protection. |
| Displayed name | APS Protection Mode |
| OSS name | protectionMode |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | ApsMode |
| Enumerated types: | |
| | SNCI |
| | SNCN |
| | SNCNC |

Client**Table 2-1288 Client**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | ODUk (TO) entity within the SNCP. {BR} The value should correspond to the pointer to the client facility. {BR} If the client is a HO-Virtual object this attribute carries the actual pointer to the client facility. |
| Displayed name | Client |
| OSS name | actualClientFacilityPointer |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | POINTER |

Client Name

Table 2-1289 Client Name

| Name | Value |
|----------------|--------------------|
| Default | yes: |
| Displayed name | Client Name |
| Maximum | 252 |
| OSS name | clientFacilityName |
| Read-only | yes |
| Tab Panel | APS Group General |
| Type | STRING |

Client ODUk Facility

Table 2-1290 Client ODUk Facility

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | ODUk (TO) entity within the SNCP. {BR} If the client is the ODUPPOOL the value should be empty, otherwise it should be the pointer to the client facility. |
| Displayed name | Client ODUk Facility |
| OSS name | clientFacilityPointer |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | POINTER |

Client on ODUPPOOL

Table 2-1291 Client on ODUPPOOL

| Name | Value |
|-----------------------|--------------------|
| Default | yes:false |
| Displayed name | Client on ODUPPOOL |
| Mandatory on creation | yes |
| OSS name | oduPoolClient |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | BOOL |

Connection Direction

Table 2-1292 Connection Direction

| Name | Value |
|----------------|---|
| Default | yes:notapplicable |
| Description | It indicates the connection direction of the APS group. |
| Displayed name | Connection Direction |
| OSS name | xcDirection |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | ApsXcDirection |

Description

Table 2-1293 Description

| Name | Value |
|----------------|-----------------------------------|
| Default | yes: |
| Description | The description of the APS group. |
| Displayed name | Description |
| Maximum | 50 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | STRING |

Description

Table 2-1294 Description

| Name | Value |
|----------------|-----------------------------------|
| Default | yes: |
| Description | The description of the APS group. |
| Displayed name | Description |
| Maximum | 50 |
| Minimum | 0 |
| OSS name | description |

Table 2-1294 Description (continued)

| Name | Value |
|-------------|-------------------|
| Read-only | no |
| Tab Panel | APS Group General |
| Type | STRING |

Facility

Table 2-1295 Facility

| Name | Value |
|-----------------------|---------------------------------------|
| Default | yes: |
| Description | ODUk (FROMED) entity within the SNCP. |
| Displayed name | Facility |
| Mandatory on creation | yes |
| OSS name | protectionFacilityPointer |
| Read-only | no |
| Tab Panel | APS Group Protection |
| Type | POINTER |

Facility

Table 2-1296 Facility

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | ODUk (FROMING) entity within the SNCP. |
| Displayed name | Facility |
| Mandatory on creation | yes |
| OSS name | workingFacilityPointer |
| Read-only | no |
| Tab Panel | APS Group Working |
| Type | POINTER |

Holdoff Time

Table 2-1297 Holdoff Time

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Hold off Time in milliseconds for automatic switching. Current configurable range:0 to 100000. |
| Displayed name | Holdoff Time |
| Maximum | 10000 |
| Minimum | 0 |
| OSS name | holdOffTimer |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | INT |
| Units | milliseconds |

Local

Table 2-1298 Local

| Name | Value |
|--------------------------|--|
| Description | Corresponds to the local status mapped from tnOthOdukApsMemberCurrentStatus for the protection port. |
| Displayed name | Local |
| OSS name | protectionPortLocalStatus |
| Read-only | no |
| Tab Panel | APS Group Protection Port Status |
| Type | ApsMemberStatus |
| Enumerated types: | |
| | Active |
| | Standby |
| | Unknown |

Local

Table 2-1299 Local

| Name | Value |
|--------------------------|---|
| Description | Corresponds to the local status mapped from tnOthOdukApsMemberCurrentStatus for the working port. |
| Displayed name | Local |
| OSS name | workingPortLocalStatus |
| Read-only | no |
| Tab Panel | APS Group Working Port Status |
| Type | ApsMemberStatus |
| Enumerated types: | |
| Active | |
| Standby | |
| Unknown | |

Operational State

Table 2-1300 Operational State

| Name | Value |
|----------------|----------------------------|
| Default | yes:unspecified |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |
| Type | equipment.OperationalState |

Port

Table 2-1301 Port

| Name | Value |
|-----------------------|-----------------------------------|
| Default | yes: |
| Description | Client port FDN of the APS group. |
| Displayed name | Port |
| Mandatory on creation | yes |
| OSS name | clientPort |

Table 2-1301 Port (continued)

| Name | Value |
|-------------|-------------------|
| Read-only | no |
| Tab Panel | APS Group General |
| Type | POINTER |

Primary State

Table 2-1302 Primary State

| Name | Value |
|----------------|--------------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.PrimaryStateType |

Protection Facility Name

Table 2-1303 Protection Facility Name

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Protection Facility Name |
| Maximum | 252 |
| OSS name | protectionFacilityName |
| Read-only | yes |
| Tab Panel | APS Group Protection |
| Type | STRING |

Protection Method

Table 2-1304 Protection Method

| Name | Value |
|---------|-------------------|
| Default | yes:notapplicable |

Table 2-1304 Protection Method (continued)

| Name | Value |
|----------------|---|
| Description | The protection method of the working leg. Default is pnim for snen and snenc, and padapt for sni. |
| Displayed name | Protection Method |
| OSS name | apsGroupMethod |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | ApsGroupMethod |

Protection Method

Table 2-1305 Protection Method

| Name | Value |
|----------------|---|
| Default | yes:notapplicable |
| Description | The protection method of the working leg. Default is pnim for snen and snenc, and padapt for sni. |
| Displayed name | Protection Method |
| OSS name | apsGroupMethod |
| Read-only | no |
| Tab Panel | APS Group Working |
| Type | ApsGroupMethod |

Protection Method

Table 2-1306 Protection Method

| Name | Value |
|----------------|--|
| Default | yes:notapplicable |
| Description | The protection method of the protection leg. Default is pnim for snen and snenc, and padapt for sni. |
| Displayed name | Protection Method |
| OSS name | apsPingMethod |
| Read-only | no |
| Tab Panel | APS Group Protection |
| Type | ApsGroupMethod |

Protection Switch**Table 2-1307 Protection Switch**

| Name | Value |
|-----------------------------|--|
| Default | yes:noCmd |
| Description | This value is used to perform a protection switch on the working/protection APS Member |
| Displayed name | Protection Switch |
| OSS name | protectionSwitch |
| Read-only | no |
| Tab Panel | APS Group Protection Management |
| Type | ApsMemberSwitch |
| Enumerated types: | |
| Clear | |
| Forced Switch To Protection | |
| Forced Switch To Working | |
| Manual Switch To Protection | |
| Manual Switch To Working | |
| No Cmd | |
| Protection Lockout | |

Protection Type**Table 2-1308 Protection Type**

| Name | Value |
|--------------------------|---|
| Default | yes:sncl |
| Description | The protection type of the APS group. {UL} {LI}sncl - subnetwork connection with non-intrusive monitoring. {LI}sncl - subnetwork connection based on ODUk client signal with non-intrusive monitoring. {LI}sncl - subnetwork connection with inherent monitoring. {/UL} |
| Displayed name | Protection Type |
| Mandatory on creation | yes |
| OSS name | apsMode |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | ApsMode |
| Enumerated types: | |
| SNCL | |

Table 2-1308 Protection Type (continued)

| Name | Value |
|-------|-------|
| SNCN | |
| SNCNC | |

Remote

Table 2-1309 Remote

| Name | Value |
|--------------------------|---|
| Description | Corresponds to the remote status mapped from tnOthOdukApsMemberCurrentStatus for the protection port. |
| Displayed name | Remote |
| OSS name | protectionPortRemoteStatus |
| Read-only | no |
| Tab Panel | APS Group Protection Port Status |
| Type | ApsMemberStatus |
| Enumerated types: | |
| Active | |
| Standby | |
| Unknown | |

Remote

Table 2-1310 Remote

| Name | Value |
|--------------------------|--|
| Description | Corresponds to the remote status mapped from tnOthOdukApsMemberCurrentStatus for the working port. |
| Displayed name | Remote |
| OSS name | workingPortRemoteStatus |
| Read-only | no |
| Tab Panel | APS Group Working Port Status |
| Type | ApsMemberStatus |
| Enumerated types: | |
| Active | |
| Standby | |
| Unknown | |

Request For

Table 2-1311 Request For

| Name | Value |
|--------------------------|---------------------------------------|
| Description | This Value is deduced from k1k2Trans. |
| Displayed name | Request For |
| OSS name | requestFor |
| Read-only | no |
| Tab Panel | APS Group Protection Management |
| Type | RequestFor |
| Enumerated types: | |
| Protection | |
| Working | |

Secondary State

Table 2-1312 Secondary State

| Name | Value |
|----------------|----------------------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.SecondaryStateType |

Shelf

Table 2-1313 Shelf

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Reference to Shelf within the Network Element. |
| Displayed name | Shelf |
| OSS name | shelfPointer |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | POINTER |

Shelf ID

Table 2-1314 Shelf ID

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Description | Shelf Identifier. |
| Displayed name | Shelf ID |
| OSS name | shelfId |
| Read-only | yes |
| Tab Panel | APS Group General |
| Type | INT |

Signal Degrade

Table 2-1315 Signal Degrade

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates whether or not Signal Degrade is used for protection switching. |
| Displayed name | Signal Degrade |
| OSS name | apsSdEnable |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | BOOL |

Site

Table 2-1316 Site

| Name | Value |
|----------------|-------------------------------|
| Default | yes: |
| Description | Reference to Network Element. |
| Displayed name | Site |
| OSS name | sitePointer |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | POINTER |

Site ID

Table 2-1317 Site ID

| Name | Value |
|----------------|---|
| Description | The id of the site that the APS group belongs to. |
| Displayed name | Site ID |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | STRING |

Site Name

Table 2-1318 Site Name

| Name | Value |
|----------------|---|
| Description | The name of the site that the APS group belongs to. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | STRING |

Switch Direction

Table 2-1319 Switch Direction

| Name | Value |
|----------------|--|
| Default | yes:unidirectional |
| Description | The protection direction of the APS Group. |
| Displayed name | Switch Direction |
| OSS name | direction |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | ApsDirection |

Switch Status

Table 2-1320 Switch Status

| Name | Value |
|--------------------------|---------------------------------------|
| Description | This Value is deduced from k1k2Trans. |
| Displayed name | Switch Status |
| OSS name | switchStatus |
| Read-only | no |
| Tab Panel | APS Group Protection Management |
| Type | SwitchStatus |
| Enumerated types: | |
| Do Not Revert | |
| Forced Switch | |
| Manual Switch | |
| No Request | |
| Protection Lockout | |
| Reverse Request | |
| Signal Degrade | |
| Signal failure | |
| Unknown | |
| Wait To Restore | |

Type

Table 2-1321 Type

| Name | Value |
|--------------------------|---|
| Default | yes:nonrevertive |
| Description | Indicates whether revertive or non-revertive APS Group. |
| Displayed name | Type |
| OSS name | revertMode |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | ApsRevertMode |
| Enumerated types: | |
| NonRevertive | |
| Revertive | |

Wait to Restore

Table 2-1322 Wait to Restore

| Name | Value |
|----------------|---|
| Default | yes:notapplicable |
| Description | The wait-to-restore time for the revertive mode automatic switching. Corresponds to tnApsGroupWaitToRestore in the MIB. |
| Displayed name | Wait to Restore |
| OSS name | waitToRestore |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | ApsWaitToRestore |
| Units | min |

Working Facility Name

Table 2-1323 Working Facility Name

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Working Facility Name |
| Maximum | 252 |
| OSS name | workingFacilityName |
| Read-only | yes |
| Tab Panel | APS Group Working |
| Type | STRING |

OMS parameters

Administrative State

Table 2-1324 Administrative State

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Administrative state of the interface. It may be used to suppress the alarms or disable consequent actions on the entity. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.XcState |

Alarm Profile

Table 2-1325 Alarm Profile

| Name | Value |
|----------------|---------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Assigned Rate

Table 2-1326 Assigned Rate

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Ctp ID**Table 2-1327 Ctp ID**

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Down Link Facility**Table 2-1328 Down Link Facility**

| Name | Value |
|----------------|--------------------|
| Default | yes: |
| Displayed name | Down Link Facility |
| OSS name | downLinkFacility |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Layer Type**Table 2-1329 Layer Type**

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.LayerType |

Name

Table 2-1330 Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Operational State

Table 2-1331 Operational State

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:unknown |
| Description | Operational state of the interface. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.XcState |

Primary State

Table 2-1332 Primary State

| Name | Value |
|----------------|--------------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.PrimaryStateType |

Secondary State

Table 2-1333 Secondary State

| Name | Value |
|----------------|----------------------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.SecondaryStateType |

Site ID

Table 2-1334 Site ID

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site ID

Table 2-1335 Site ID

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name

Table 2-1336 Site Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name

Table 2-1337 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

OMS Trail parameters

A to Z

Table 2-1338 A to Z

| Name | Value |
|----------------|---|
| Description | Indicates which trail path is the active one in the AZ direction. |
| Displayed name | A to Z |
| OSS name | activePathAZ |
| Read-only | no |
| Tab Panel | General Active Path |

Table 2-1338 A to Z (continued)

| Name | Value |
|--------------------------|-----------------|
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Administrative State

Table 2-1339 Administrative State

| Name | Value |
|--------------------------|---|
| Default | yes:up |
| Description | The administrative state of the connection. |
| Displayed name | Administrative State |
| Mandatory on creation | yes |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionAdminState |
| Enumerated types: | |
| Automatic In-Service | |
| Blocking | |
| Down | |
| Maintenance | |
| Partially Down | |
| Standby/Backup | |
| Unknown | |
| Up | |

Bidirectional

Table 2-1340 Bidirectional

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Connection Type

Table 2-1341 Connection Type

| Name | Value |
|--------------------------|---------------------|
| Default | yes:unspecified |
| Description | Type of connection. |
| Displayed name | Connection Type |
| Mandatory on creation | yes |
| OSS name | connectionType |
| Read-only | no |
| Tab Panel | General General |
| Type | ConnectionType |
| Enumerated types: | |
| Multipoint Service Path | |
| OCH CrossConnect | |
| OCH CrossConnect Group | |
| OCH Trail | |
| OCH Trail Path | |
| OCH Trail Path - Preview | |
| ODU Trail | |
| ODU Trail Path | |
| ODU Trail Path - Preview | |
| ODUk CrossConnect | |
| OMS Trail | |

Table 2-1341 Connection Type (continued)

| Name | Value |
|----------------------------|-------|
| OMS Trail Path | |
| OT CrossConnect | |
| OTS Trail | |
| OTS Trail Path | |
| OTU Trail | |
| OTU Trail Path | |
| OTU Trail Path - Preview | |
| Port Trail | |
| Service Path | |
| Service Path - Preview | |
| Subnetwork Connection | |
| Transport Service | |
| Virtual OCH CrossConnect | |
| Virtual ODUk Cross Connect | |
| VTs CrossConnect | |

Customer

Table 2-1342 Customer

| Name | Value |
|----------------|-------------------|
| Displayed name | Customer |
| OSS name | subscriberPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Customer ID

Table 2-1343 Customer ID

| Name | Value |
|-----------------------|-------------|
| Default | yes:0 |
| Displayed name | Customer ID |
| Mandatory on creation | yes |

Table 2-1343 Customer ID (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | subscriberId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Customer Name

Table 2-1344 Customer Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | subscriberName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Force Create OCh XC

Table 2-1345 Force Create OCh XC

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates whether the OCh XC should be created by force when power commissioning provisioning state is "InProgress". |
| Displayed name | Force Create OCh XC |
| OSS name | forceXcCreate |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Operational State**Table 2-1346 Operational State**

| Name | Value |
|--------------------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionOperState |
| Enumerated types: | |
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

Path Preference**Table 2-1347 Path Preference**

| Name | Value |
|--------------------------|---|
| Default | yes:working |
| Description | Indicates whether the working path or the protection path needs to be retained when Trail protection is modified to unprotected |
| Displayed name | Path Preference |
| OSS name | modifyProtectionPreference |
| Read-only | no |
| Tab Panel | General General |
| Type | ModifyProtectionPreference |
| Enumerated types: | |
| None | |
| Retain Path A1Z1 | |
| Retain Path A1Z2 | |
| Retain Path A2Z1 | |

Table 2-1347 Path Preference (continued)

| Name | Value |
|-------------------------------------|-------|
| Retain Path A2Z2 | |
| Retain Protection Path | |
| Retain Termination Points A1 and Z1 | |
| Retain Termination Points A1 and Z2 | |
| Retain Termination Points A2 and Z1 | |
| Retain Termination Points A2 and Z2 | |
| Retain Working Path | |

Plane Type**Table 2-1348 Plane Type**

| Name | Value |
|-----------------------|---|
| Default | yes:MP |
| Description | - Management plane, control plane or mixed. |
| Displayed name | Plane Type |
| Mandatory on creation | yes |
| OSS name | managementDomains |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.MgmtAccessDomains |

Protection Level**Table 2-1349 Protection Level**

| Name | Value |
|-----------------------|---|
| Default | yes:unprotected |
| Description | The calculated level of protection based on the underlying server OTN layers. |
| Displayed name | Protection Level |
| Mandatory on creation | yes |
| OSS name | protectionLevel |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionLevel |

Table 2-1349 Protection Level (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Protected | |
| Segment Protected | |
| Unprotected | |

Protection Type

Table 2-1350 Protection Type

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:unprotected |
| Description | Protection type of the trail. |
| Displayed name | Protection Type |
| OSS name | protection |
| Read-only | no |
| Tab Panel | General General |
| Type | TrailProtectionType |
| Enumerated types: | |
| Diverse Route | |
| OPS Protected | |
| Segment Protected | |
| SNCI Protected | |
| SNCN Protected | |
| SNCNC Protected | |
| Unprotected | |
| Y-Cable Protected | |

Rate

Table 2-1351 Rate

| Name | Value |
|-----------------------|----------------------------------|
| Description | Indicates the rate of the trail. |
| Displayed name | Rate |
| Mandatory on creation | yes |

Table 2-1351 Rate (continued)

| Name | Value |
|--------------------------|-----------------|
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | AssignedRate |
| Enumerated types: | |
| 100GbE LAN | |
| 10GbE LAN | |
| 1GbE | |
| 3GSDI | |
| 40GbE LAN | |
| 40GbE MLD LAN | |
| BITS | |
| CBR10G | |
| CBR10G3 | |
| CBR2G5 | |
| DCN | |
| DDR | |
| Default | |
| DVBASI | |
| DVI 6000 | |
| E1 | |
| ESCON | |
| FC100 | |
| FC1200 | |
| FC1600 | |
| FC200 | |
| FC400 | |
| FC800 | |
| FDDI | |
| FE | |
| HSDSI | |
| N/A | |
| OC12 | |

Table 2-1351 Rate (continued)

| Name | Value |
|-------------------|-------|
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex-3GSDI | |
| ODUFlex-40GBE MLD | |
| ODUFlex-CBR | |
| ODUFlex-DDR | |
| ODUFlex-FC1200 | |
| ODUFlex-FC1600 | |
| ODUFlex-FC400 | |
| ODUFlex-FC800 | |
| ODUFlex-GFP | |
| OMS | |
| ONETRU | |
| OPTSG | |
| OS | |
| OTL4.4 | |
| OTS | |
| OTU1 | |
| OTU1f | |

Table 2-1351 Rate (continued)

| Name | Value |
|------------|-------|
| OTU2 | |
| OTU2e | |
| OTU3 | |
| OTU3e2 | |
| OTU4 | |
| OTU4x2 | |
| SDR | |
| SDSDI | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| SubGigE | |
| TOD | |
| Unassigned | |
| Unknown | |

Trail ID

Table 2-1352 Trail ID

| Name | Value |
|-----------------------|-------------------------------|
| Default | yes:0 |
| Description | Unique id for the Connection. |
| Displayed name | Trail ID |
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | connId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Trail Name

Table 2-1353 Trail Name

| Name | Value |
|----------------|-----------------------------------|
| Default | yes: |
| Description | Displayed name of the Connection. |
| Displayed name | Trail Name |
| Maximum | 256 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Z to A

Table 2-1354 Z to A

| Name | Value |
|--------------------------|---|
| Description | Indicates which trail path is the active one in the ZA direction. |
| Displayed name | Z to A |
| OSS name | activePathZA |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

OMSOCH parameters

Administrative State

Table 2-1355 Administrative State

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Administrative state of the interface. It may be used to suppress the alarms or disable consequent actions on the entity. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.XcState |

Alarm Profile

Table 2-1356 Alarm Profile

| Name | Value |
|----------------|---------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Assigned Rate

Table 2-1357 Assigned Rate

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Ctp ID

Table 2-1358 Ctp ID

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Down Link Facility

Table 2-1359 Down Link Facility

| Name | Value |
|----------------|--------------------|
| Default | yes: |
| Displayed name | Down Link Facility |
| OSS name | downLinkFacility |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Down Link Facility Name

Table 2-1360 Down Link Facility Name

| Name | Value |
|----------------|-------------------------|
| Default | yes: |
| Displayed name | Down Link Facility Name |
| Maximum | 252 |
| OSS name | downLinkFacilityName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Layer Type

Table 2-1361 Layer Type

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.LayerType |

Name

Table 2-1362 Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Operational State

Table 2-1363 Operational State

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:unknown |
| Description | Operational state of the interface. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.XcState |

Primary State

Table 2-1364 Primary State

| Name | Value |
|----------------|--------------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.PrimaryStateType |

Secondary State

Table 2-1365 Secondary State

| Name | Value |
|----------------|----------------------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.SecondaryStateType |

Site ID

Table 2-1366 Site ID

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site ID

Table 2-1367 Site ID

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name

Table 2-1368 Site Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name

Table 2-1369 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Transmit Frequency**Table 2-1370 Transmit Frequency**

| Name | Value |
|-----------------------|--------------------|
| Displayed name | Transmit Frequency |
| Mandatory on creation | yes |
| OSS name | channel |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.ITUChannel |

Up Link Facility**Table 2-1371 Up Link Facility**

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Up Link Facility |
| OSS name | upLinkFacility |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Up Link Facility Name**Table 2-1372 Up Link Facility Name**

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Up Link Facility Name |
| Maximum | 252 |
| OSS name | upLinkFacilityName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

OMSOCHIF parameters

Administrative State

Table 2-1373 Administrative State

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Administrative state of the interface. It may be used to suppress the alarms or disable consequent actions on the entity. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.XcState |

Alarm Profile

Table 2-1374 Alarm Profile

| Name | Value |
|----------------|---------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Assigned Rate

Table 2-1375 Assigned Rate

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Ctp ID**Table 2-1376 Ctp ID**

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Down Link Facility**Table 2-1377 Down Link Facility**

| Name | Value |
|----------------|--------------------|
| Default | yes: |
| Displayed name | Down Link Facility |
| OSS name | downLinkFacility |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Layer Type**Table 2-1378 Layer Type**

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.LayerType |

Management Access Domain

Table 2-1379 Management Access Domain

| Name | Value |
|----------------|--------------------------|
| Default | yes:unknown |
| Displayed name | Management Access Domain |
| OSS name | mgmtAccessDomain |
| Read-only | yes |
| Tab Panel | General General |
| Type | oth.MgmtAccessDomains |

Name

Table 2-1380 Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Operational State

Table 2-1381 Operational State

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:unknown |
| Description | Operational state of the interface. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.XcState |

Primary State

Table 2-1382 Primary State

| Name | Value |
|----------------|--------------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.PrimaryStateType |

Secondary State

Table 2-1383 Secondary State

| Name | Value |
|----------------|----------------------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.SecondaryStateType |

Site ID

Table 2-1384 Site ID

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site ID

Table 2-1385 Site ID

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name

Table 2-1386 Site Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name

Table 2-1387 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Transmit Frequency**Table 2-1388 Transmit Frequency**

| Name | Value |
|----------------|--------------------|
| Default | yes:unspecified |
| Displayed name | Transmit Frequency |
| OSS name | channel |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.ITUChannel |

Up Link Facility**Table 2-1389 Up Link Facility**

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Up Link Facility |
| OSS name | upLinkFacility |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Optical Channel parameters**Accounting Policy****Table 2-1390 Accounting Policy**

| Name | Value |
|----------------|-------------------------------|
| Default | yes: |
| Displayed name | Accounting Policy |
| OSS name | accountingPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Accounting |
| Type | POINTER |

Accounting Policy

Table 2-1391 Accounting Policy

| Name | Value |
|----------------|--------------------------------------|
| Default | yes: |
| Displayed name | Accounting Policy |
| OSS name | etherAccountingPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Ethernet Accounting |
| Type | POINTER |

Actual Speed

Table 2-1392 Actual Speed

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Actual Speed |
| OSS name | actualSpeed |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |
| Units | kbps |

Administrative State

Table 2-1393 Administrative State

| Name | Value |
|----------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General Equipment |
| Type | AdministrativeState |

Administrative State

Table 2-1394 Administrative State

| Name | Value |
|----------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | AdministrativeState |

APS Common Configuration

Table 2-1395 APS Common Configuration

| Name | Value |
|----------------|--------------------------|
| Default | yes:false |
| Displayed name | APS Common Configuration |
| OSS name | isCommonApsConfiguration |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

APS Protected

Table 2-1396 APS Protected

| Name | Value |
|----------------|-----------------|
| Default | yes:false |
| Displayed name | APS Protected |
| OSS name | isApsProtected |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Automatic VLAN Binding

Table 2-1397 Automatic VLAN Binding

| Name | Value |
|----------------|------------------------|
| Default | yes:true |
| Displayed name | Automatic VLAN Binding |
| OSS name | vlanAutoBind |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Background Diagnostics Fault Reason

Table 2-1398 Background Diagnostics Fault Reason

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Displayed name | Background Diagnostics Fault Reason |
| OSS name | backgroundDiagnosticsFaultReason |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Background Diagnostics State

Table 2-1399 Background Diagnostics State

| Name | Value |
|----------------|--------------------------------|
| Default | yes:unknown |
| Displayed name | Background Diagnostics State |
| OSS name | backgroundDiagnosticsState |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | BackgroundDiagnosticsStateType |

Channel Type

Table 2-1400 Channel Type

| Name | Value |
|-----------------------|-------------------------|
| Default | yes:unknown |
| Displayed name | Channel Type |
| Mandatory on creation | yes |
| OSS name | portChannelType |
| Read-only | no |
| Tab Panel | General General |
| Type | DaughterCardChannelType |

Class

Table 2-1401 Class

| Name | Value |
|----------------|-----------------|
| Default | yes:none |
| Displayed name | Class |
| OSS name | portClass |
| Read-only | yes |
| Tab Panel | General General |
| Type | PortClass |

CLEI Code

Table 2-1402 CLEI Code

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General Equipment Location Codes |
| Type | STRING |

CLI Name

Table 2-1403 CLI Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | CLI Name |
| Maximum | 252 |
| OSS name | portName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Collect Accounting Statistics

Table 2-1404 Collect Accounting Statistics

| Name | Value |
|----------------|-------------------------------|
| Default | yes:true |
| Displayed name | Collect Accounting Statistics |
| OSS name | collectStats |
| Read-only | no |
| Tab Panel | Policies.General Accounting |
| Type | BOOL |

Collect Accounting Statistics

Table 2-1405 Collect Accounting Statistics

| Name | Value |
|----------------|--------------------------------------|
| Default | yes:false |
| Displayed name | Collect Accounting Statistics |
| OSS name | etherCollectStats |
| Read-only | no |
| Tab Panel | Policies.General Ethernet Accounting |
| Type | BOOL |

Combiner**Table 2-1406 Combiner**

| Name | Value |
|----------------|---|
| Default | yes:disable |
| Description | Enable/Disable Combiner(SD)function on MPT. |
| Displayed name | Combiner |
| OSS name | mptCombiner |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | LONG |

Configured MAC**Table 2-1407 Configured MAC**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Configured MAC |
| OSS name | macAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | MACADDR |

Containing Equipment Status**Table 2-1408 Containing Equipment Status**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:indeterminate |
| Displayed name | Containing Equipment Status |
| OSS name | containingEquipmentState |
| Read-only | yes |
| Tab Panel | States General |
| Type | ContainingEquipmentState |

Description

Table 2-1409 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 256 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Encap Type

Table 2-1410 Encap Type

| Name | Value |
|----------------|-----------------|
| Default | yes:nullEncap |
| Displayed name | Encap Type |
| OSS name | encapType |
| Read-only | no |
| Tab Panel | General General |
| Type | PortEncapType |

Equipped

Table 2-1411 Equipped

| Name | Value |
|----------------|----------------|
| Default | yes:false |
| Displayed name | Equipped |
| OSS name | isEquipped |
| Read-only | yes |
| Tab Panel | States General |
| Type | BOOL |

Firmware Revision Status**Table 2-1412 Firmware Revision Status**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:notApplicable |
| Displayed name | Firmware Revision Status |
| OSS name | hwFirmwareRevisionStatus |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | HwFirmwareRevisionStatusTypes |

Hardware Class**Table 2-1413 Hardware Class**

| Name | Value |
|----------------|------------------------------|
| Default | no |
| Displayed name | Hardware Class |
| OSS name | hardwareClass |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | HardwareClassType |

Hardware MAC**Table 2-1414 Hardware MAC**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Hardware MAC |
| OSS name | hwMacAddress |
| Read-only | yes |
| Tab Panel | General General |
| Type | MACADDR |

Hold Time Down

Table 2-1415 Hold Time Down

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Hold Time Down |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | holdTimeDown |
| Read-only | no |
| Tab Panel | General Hold Time |
| Type | INT |
| Units | seconds |

Hold Time Units

Table 2-1416 Hold Time Units

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Hold Time Units |
| OSS name | holdTimeUnits |
| Read-only | no |
| Tab Panel | General Hold Time |
| Type | HoldTimeUnitsType |

Hold Time Up

Table 2-1417 Hold Time Up

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Hold Time Up |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | holdTimeUp |
| Read-only | no |
| Tab Panel | General Hold Time |

Table 2-1417 Hold Time Up (continued)

| Name | Value |
|-------|---------|
| Type | INT |
| Units | seconds |

Holding IGH**Table 2-1418 Holding IGH**

| Name | Value |
|----------------|------------------------------------|
| Default | yes: |
| Description | ECMP fate sharing group membership |
| Displayed name | Holding IGH |
| OSS name | memberOfIGH |
| Read-only | yes |
| Tab Panel | General IGH Membership |
| Type | POINTER |

HSMDA Egress Scheduler Policy**Table 2-1419 HSMDA Egress Scheduler Policy**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the hsmda scheduler policy used by this port |
| Displayed name | HSMDA Egress Scheduler Policy |
| OSS name | portEgrHsmdaSchedulerPolicy |
| Read-only | no |
| Tab Panel | Policies.General HSMDA Scheduler |
| Type | POINTER |

Interface ID**Table 2-1420 Interface ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0 |
| Displayed name | Interface ID |

Table 2-1420 Interface ID (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | snmpPortId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

L2 Profile

Table 2-1421 L2 Profile

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Pointer to the L2 Profile Policy object. |
| Displayed name | L2 Profile |
| OSS name | l2ProfilePointer |
| Read-only | no |
| Tab Panel | Policies.General L2 Profile |
| Type | POINTER |

L2Uplink

Table 2-1422 L2Uplink

| Name | Value |
|----------------|-----------------|
| Default | yes:false |
| Displayed name | L2Uplink |
| OSS name | isl2UplinkMode |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Link Trap

Table 2-1423 Link Trap

| Name | Value |
|---------|-------------|
| Default | yes:disable |

Table 2-1423 Link Trap (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Link Trap |
| OSS name | linkTrap |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Link Up**Table 2-1424 Link Up**

| Name | Value |
|----------------|----------------|
| Default | yes:false |
| Displayed name | Link Up |
| OSS name | isLinkUp |
| Read-only | yes |
| Tab Panel | States General |
| Type | BOOL |

Load Balance Algorithm**Table 2-1425 Load Balance Algorithm**

| Name | Value |
|----------------|---|
| Default | yes:notApplicable |
| Description | Specifies the load balancing algorithm to be used on this port. |
| Displayed name | Load Balance Algorithm |
| OSS name | loadBalanceAlgorithm |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.PortLoadBalanceAlgorithm |

Local Channel ID

Table 2-1426 Local Channel ID

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | This attribute will be ignored on creation of a APS Common Configuration Sonet Channel (sts3) Since the box will pick one as it very own, based on the portId of the physical port bound to the working circuit. This attribute will not be ignored on creation of a APS Common Configuration Sonet Channel when deep channels are supported (currently only on ASAP MDA). |
| Displayed name | Local Channel ID |
| Mandatory on creation | yes |
| Maximum | 100 |
| OSS name | displayedLocalChannelId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Manufacture Date

Table 2-1427 Manufacture Date

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacture Date |
| Maximum | 252 |
| OSS name | manufactureDate |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturer

Table 2-1428 Manufacturer

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Manufacturer |
| Maximum | 252 |

Table 2-1428 Manufacturer (continued)

| Name | Value |
|-------------|------------------------------|
| OSS name | manufacturer |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Assembly No

Table 2-1429 Manufacturing Assembly No

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Assembly No |
| OSS name | manufacturingAssemblyNo |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Deviations

Table 2-1430 Manufacturing Deviations

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Deviations |
| OSS name | manufacturingDeviations |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Variant

Table 2-1431 Manufacturing Variant

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Manufacturing Variant |

Table 2-1431 Manufacturing Variant (continued)

| Name | Value |
|-------------|------------------------------|
| OSS name | manufacturingVariant |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Mode

Table 2-1432 Mode

| Name | Value |
|----------------|-----------------|
| Default | yes:undefined |
| Displayed name | Mode |
| OSS name | mode |
| Read-only | no |
| Tab Panel | General General |
| Type | PortMode |

MTU

Table 2-1433 MTU

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | MTU |
| OSS name | mtuValue |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |
| Units | bytes |

Name

Table 2-1434 Name

| Name | Value |
|---------|-------|
| Default | yes: |

Table 2-1434 Name (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Network Queue Policy Name

Table 2-1435 Network Queue Policy Name

| Name | Value |
|----------------|--------------------------------|
| Default | yes:default |
| Displayed name | Network Queue Policy Name |
| Maximum | 32 |
| Minimum | 1 |
| OSS name | networkQueuePolicyName |
| Read-only | yes |
| Tab Panel | Policies.General Network Queue |
| Type | STRING |

Operational State

Table 2-1436 Operational State

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | OperationalState |

Operational State

Table 2-1437 Operational State

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |
| Type | OperationalState |

Parent Interface ID

Table 2-1438 Parent Interface ID

| Name | Value |
|----------------|---------------------|
| Default | yes:0 |
| Displayed name | Parent Interface ID |
| OSS name | parentSnmpPortId |
| Read-only | yes |
| Tab Panel | General ParentInfo |
| Type | LONG |

Parent Name

Table 2-1439 Parent Name

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Parent Name |
| Maximum | 252 |
| OSS name | parentDisplayedName |
| Read-only | yes |
| Tab Panel | General ParentInfo |
| Type | STRING |

Part Number**Table 2-1440 Part Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Part Number |
| Maximum | 252 |
| OSS name | manufacturerBoardNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Port Scheduler Policy**Table 2-1441 Port Scheduler Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the port scheduler policy used by this port |
| Displayed name | Port Scheduler Policy |
| OSS name | portSchedulerPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Port Scheduler |
| Type | POINTER |

Port Usage**Table 2-1442 Port Usage**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Port Usage |
| OSS name | portUsage |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | INT |

Previous State

Table 2-1443 Previous State

| Name | Value |
|----------------|----------------|
| Default | yes:1 |
| Displayed name | Previous State |
| OSS name | previousState |
| Read-only | yes |
| Tab Panel | States General |
| Type | PortState |

Queue 1

Table 2-1444 Queue 1

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 1 |
| OSS name | portStatsQueue1PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 2

Table 2-1445 Queue 2

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 2 |
| OSS name | portStatsQueue2PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 3**Table 2-1446 Queue 3**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 3 |
| OSS name | portStatsQueue3PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 4**Table 2-1447 Queue 4**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 4 |
| OSS name | portStatsQueue4PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 5**Table 2-1448 Queue 5**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 5 |
| OSS name | portStatsQueue5PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 6

Table 2-1449 Queue 6

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 6 |
| OSS name | portStatsQueue6PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 7

Table 2-1450 Queue 7

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 7 |
| OSS name | portStatsQueue7PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 8

Table 2-1451 Queue 8

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 8 |
| OSS name | portStatsQueue8PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Serial Number

Table 2-1452 Serial Number

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Serial Number |
| Maximum | 252 |
| OSS name | serialNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Site ID

Table 2-1453 Site ID

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site Name

Table 2-1454 Site Name

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Speed

Table 2-1455 Speed

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Speed |
| OSS name | speed |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.Speed |
| Units | Mbps |

State

Table 2-1456 State

| Name | Value |
|----------------|----------------|
| Default | yes:1 |
| Displayed name | State |
| OSS name | state |
| Read-only | yes |
| Tab Panel | States General |
| Type | PortState |

Status

Table 2-1457 Status

| Name | Value |
|----------------|-------------------------|
| Default | yes:indeterminate |
| Displayed name | Status |
| OSS name | compositeEquipmentState |
| Read-only | yes |
| Tab Panel | States General |
| Type | CompositeEquipmentState |

Subrack Connection**Table 2-1458 Subrack Connection**

| Name | Value |
|----------------|--|
| Default | no |
| Description | specifies where the MPT is connected to on the subrack |
| Displayed name | Subrack Connection |
| OSS name | mptSubrackPointer |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | POINTER |

UNI Profile**Table 2-1459 UNI Profile**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the UNI Profile Policy object. |
| Displayed name | UNI Profile |
| OSS name | uniProfilePointer |
| Read-only | no |
| Tab Panel | Policies.General UNI Profile |
| Type | POINTER |

User label**Table 2-1460 User label**

| Name | Value |
|----------------|-----------------|
| Default | no |
| Displayed name | User label |
| Maximum | 15 |
| OSS name | userLabel |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Optical Link parameters

Calculated A-Z Loss

Table 2-1461 Calculated A-Z Loss

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Description | Calculated A-Z Loss |
| Displayed name | Calculated A-Z Loss |
| OSS name | calAtoZLoss |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |
| Units | dBm |

Calculated Z-A Loss

Table 2-1462 Calculated Z-A Loss

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Description | Calculated Z-A Loss |
| Displayed name | Calculated Z-A Loss |
| OSS name | calZtoALoss |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |
| Units | dBm |

Direction

Table 2-1463 Direction

| Name | Value |
|-----------------------|--|
| Default | yes:BiDirectional |
| Description | Direction of the optical link - unidirectional or bidirectional. |
| Displayed name | Direction |
| Mandatory on creation | yes |

Table 2-1463 Direction (continued)

| Name | Value |
|--------------------------|--------------------------|
| OSS name | linkDirection |
| Read-only | no |
| Tab Panel | General General |
| Type | OpticalLinkDirectionType |
| Enumerated types: | |
| | Bidirectional |
| | Unidirectional |

Endpoint A - Port**Table 2-1464 Endpoint A - Port**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | A pointer to the physical port at endpoint A. |
| Displayed name | Endpoint A - Port |
| Mandatory on creation | yes |
| OSS name | endpointAPointer |
| Read-only | no |
| Tab Panel | General Endpoint A - Port |
| Type | POINTER |

Endpoint A Name**Table 2-1465 Endpoint A Name**

| Name | Value |
|----------------|--------------------------|
| Description | Port name of endpoint A. |
| Displayed name | Endpoint A Name |
| OSS name | endPointAName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Endpoint A Type

Table 2-1466 Endpoint A Type

| Name | Value |
|----------------|--------------------|
| Default | yes:Port |
| Description | Type of endpoint A |
| Displayed name | Endpoint A Type |
| OSS name | endPointAType |
| Read-only | no |
| Tab Panel | General General |
| Type | EndPointType |

Endpoint B - Port

Table 2-1467 Endpoint B - Port

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | A pointer to the physical port at endpoint B, if usesManagedEndpointB is true. |
| Displayed name | Endpoint B - Port |
| Mandatory on creation | yes |
| OSS name | endpointBPointer |
| Read-only | no |
| Tab Panel | General Endpoint B - Port |
| Type | POINTER |

Endpoint B Name

Table 2-1468 Endpoint B Name

| Name | Value |
|----------------|--------------------------|
| Description | Port name of endpoint B. |
| Displayed name | Endpoint B Name |
| OSS name | endPointBName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Endpoint B Type**Table 2-1469 Endpoint B Type**

| Name | Value |
|----------------|--------------------|
| Default | yes:Port |
| Description | Type of endpoint B |
| Displayed name | Endpoint B Type |
| OSS name | endPointBType |
| Read-only | no |
| Tab Panel | General General |
| Type | EndPointType |

gneInterfaceEndpointAPointer**Table 2-1470 gneInterfaceEndpointAPointer**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | A pointer to a generic NE interface at endpoint A. |
| Mandatory on creation | yes |
| OSS name | gneInterfaceEndpointAPointer |
| Read-only | no |
| Tab Panel | General Endpoint A - Generic NE Interface |
| Type | POINTER |

gneInterfaceEndpointBPointer**Table 2-1471 gneInterfaceEndpointBPointer**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | A pointer to a generic NE interface at endpoint B. |
| Mandatory on creation | yes |
| OSS name | gneInterfaceEndpointBPointer |
| Read-only | no |
| Tab Panel | General Endpoint B - Generic NE Interface |
| Type | POINTER |

ID

Table 2-1472 ID

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:0 |
| Description | Uniquely identifies an optical link |
| Displayed name | ID |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | opticalLinkId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Link Rate

Table 2-1473 Link Rate

| Name | Value |
|--------------------------|-----------------|
| Default | yes:os |
| Displayed name | Link Rate |
| OSS name | linkRate |
| Read-only | no |
| Tab Panel | General General |
| Type | LinkRate |
| Enumerated types: | |
| OS | |
| OTS | |

Name

Table 2-1474 Name

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Name provided by user. It is not mandatory on create. If nothing is given by the user, then SAM provides the name. This is not deployed on the NE for 1830 PSS. |
| Displayed name | Name |

Table 2-1474 Name (continued)

| Name | Value |
|-------------|-----------------|
| Maximum | 200 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Notes**Table 2-1475 Notes**

| Name | Value |
|----------------|-------------------------------------|
| Description | Information about the optical link. |
| Displayed name | Notes |
| Maximum | 254 |
| Minimum | 0 |
| OSS name | notes |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site A name**Table 2-1476 Site A name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Site Name of endpoint A. If the link is created from LLDP, this should always be a managed node. |
| Displayed name | Site A name |
| OSS name | endPointASiteName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site B name

Table 2-1477 Site B name

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Site Name of endpoint B. If the link is created from LLDP, this should always be a managed node. |
| Displayed name | Site B name |
| OSS name | endPointBSiteName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Type

Table 2-1478 Type

| Name | Value |
|--------------------------|--|
| Description | Type of optical link - internal or external. |
| Displayed name | Type |
| OSS name | opticalLinkType |
| Read-only | no |
| Tab Panel | General General |
| Type | OpticalLinkType |
| Enumerated types: | |
| External | |
| Inter-Compound | |
| Internal | |

Unmanaged NE Identifier

Table 2-1479 Unmanaged NE Identifier

| Name | Value |
|----------------|--------------------------------------|
| Description | Endpoint of NE which is not managed. |
| Displayed name | Unmanaged NE Identifier |
| OSS name | unManagedNEEndPoint |
| Read-only | no |

Table 2-1479 Unmanaged NE Identifier (continued)

| Name | Value |
|-------------|-----------------------------------|
| Tab Panel | General Endpoint A - Unmanaged NE |
| Type | STRING |

Unmanaged NE Identifier**Table 2-1480 Unmanaged NE Identifier**

| Name | Value |
|----------------|--------------------------------------|
| Description | Endpoint of NE which is not managed. |
| Displayed name | Unmanaged NE Identifier |
| OSS name | unManagedNEEndPoint |
| Read-only | no |
| Tab Panel | General Endpoint B - Unmanaged NE |
| Type | STRING |

Optical Path Constraint parameters**Constraint Element****Table 2-1481 Constraint Element**

| Name | Value |
|--------------------------|--|
| Default | yes:port |
| Description | Type of constraint element, e.g. port, site, oduTrail. |
| Displayed name | Constraint Element |
| OSS name | constraintElement |
| Read-only | no |
| Tab Panel | General General |
| Type | ConstraintElementType |
| Enumerated types: | |
| ODUk TimeSlot | |
| Optical Link | |
| OPTSG TimeSlot | |
| Port | |
| Site | |

Table 2-1481 Constraint Element (continued)

| Name | Value |
|------------------------|-------|
| Subnetwork Connections | |
| TE Link | |
| Traffic Engineering | |
| Trail | |

Constraint Name

Table 2-1482 Constraint Name

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Type of constraint element, e.g. port, site, oduTrail. |
| Displayed name | Constraint Name |
| OSS name | constraintName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Constraint Type

Table 2-1483 Constraint Type

| Name | Value |
|--------------------------|--|
| Default | yes:exclusion |
| Description | Type of constraint, e.g. inclusion, exclusion. |
| Displayed name | Constraint Type |
| Mandatory on creation | yes |
| OSS name | constraintType |
| Read-only | no |
| Tab Panel | General General |
| Type | ConstraintType |
| Enumerated types: | |
| Exclusion | |
| Inclusion | |

Exclude Colors**Table 2-1484 Exclude Colors**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Applies to the control plane segment only. |
| Displayed name | Exclude Colors |
| OSS name | excludeAnyColor |
| Read-only | no |
| Tab Panel | General Traffic Engineering Constraints |
| Type | LONG |
| Units | bitmap |

Excluded Colors**Table 2-1485 Excluded Colors**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | User-friendly presentation of colors as comma separated list of numbers. For display use only. |
| Displayed name | Excluded Colors |
| OSS name | excludedColorList |
| Read-only | yes |
| Tab Panel | General Traffic Engineering Constraints |
| Type | STRING |

Include Colors**Table 2-1486 Include Colors**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Applies to the control plane segment only. |
| Displayed name | Include Colors |
| OSS name | includeAnyColor |
| Read-only | no |
| Tab Panel | General Traffic Engineering Constraints |

Table 2-1486 Include Colors (continued)

| Name | Value |
|-------|--------|
| Type | LONG |
| Units | bitmap |

Included Colors

Table 2-1487 Included Colors

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | User-friendly presentation of colors as comma separated list of numbers. For display use only. |
| Displayed name | Included Colors |
| OSS name | includedColorList |
| Read-only | yes |
| Tab Panel | General Traffic Engineering Constraints |
| Type | STRING |

Latency Offset At Termination Points

Table 2-1488 Latency Offset At Termination Points

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Applies to the control plane segment only. Latency offset at drop data bearers. |
| Displayed name | Latency Offset At Termination Points |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | accessLinkLatency |
| Read-only | no |
| Tab Panel | General Traffic Engineering Constraints |
| Type | LONG |
| Units | microsecs |

Maximum Hop Count**Table 2-1489 Maximum Hop Count**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Applies to the control plane segment only. |
| Displayed name | Maximum Hop Count |
| OSS name | maxHopCount |
| Read-only | no |
| Tab Panel | General Traffic Engineering Constraints |
| Type | INT |

Maximum Latency Allowed**Table 2-1490 Maximum Latency Allowed**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Applies to the control plane segment only. Latency metric; 0 means no latency. |
| Displayed name | Maximum Latency Allowed |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | maxLatency |
| Read-only | no |
| Tab Panel | General Traffic Engineering Constraints |
| Type | LONG |
| Units | microsecs |

ODUk Rate**Table 2-1491 ODUk Rate**

| Name | Value |
|----------------|-----------------|
| Default | yes:null |
| Displayed name | ODUk Rate |
| OSS name | odukRate |
| Read-only | no |
| Tab Panel | General General |

Table 2-1491 ODUk Rate (continued)

| Name | Value |
|------|-------------|
| Type | oth.OduRate |

ODUk Timeslot

Table 2-1492 ODUk Timeslot

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | Pointer to an Odu k timeslot (channel). |
| Displayed name | ODUk Timeslot |
| Mandatory on creation | yes |
| OSS name | odukTimeslotPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Optical Link

Table 2-1493 Optical Link

| Name | Value |
|-----------------------|--------------------|
| Default | yes: |
| Description | Trail Name. |
| Displayed name | Optical Link |
| Mandatory on creation | yes |
| OSS name | opticalLinkPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

OPTSG Timeslot

Table 2-1494 OPTSG Timeslot

| Name | Value |
|---------|-------|
| Default | yes: |

Table 2-1494 OPTSG Timeslot (continued)

| Name | Value |
|-----------------------|---|
| Description | Pointer to an Optsg timeslot (channel). |
| Displayed name | OPTSG Timeslot |
| Mandatory on creation | yes |
| OSS name | optsgTimeslotPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Port**Table 2-1495 Port**

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Description | Port Name. |
| Displayed name | Port |
| Mandatory on creation | yes |
| OSS name | portPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Service Path Type**Table 2-1496 Service Path Type**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Type of connection to be created using this constraint element - Unprotected, working or protection. |
| Displayed name | Service Path Type |
| OSS name | protectionType |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionState |

Table 2-1496 Service Path Type (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Site

Table 2-1497 Site

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Description | Site Id. |
| Displayed name | Site |
| Mandatory on creation | yes |
| OSS name | sitePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Subnetwork Connection

Table 2-1498 Subnetwork Connection

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | Pointer to a Subnetwork Connection (SNC). |
| Displayed name | Subnetwork Connection |
| Mandatory on creation | yes |
| OSS name | subnetworkConnectionPointer |
| Read-only | no |
| Tab Panel | General General |

Table 2-1498 Subnetwork Connection (continued)

| Name | Value |
|------|---------|
| Type | POINTER |

TE Link**Table 2-1499 TE Link**

| Name | Value |
|-----------------------|-----------------------|
| Default | yes: |
| Description | Pointer to a TE Link. |
| Displayed name | TE Link |
| Mandatory on creation | yes |
| OSS name | teLinkPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Trail**Table 2-1500 Trail**

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Description | Trail Name. |
| Displayed name | Trail |
| Mandatory on creation | yes |
| OSS name | trailPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Optical Service Path parameters

Additional Information

Table 2-1501 Additional Information

| Name | Value |
|--------------------------|--|
| Description | Indicates why operational state is down for this connection. |
| Displayed name | Additional Information |
| OSS name | stateCause |
| Read-only | yes |
| Tab Panel | General States |
| Type | OperationalFlags |
| Enumerated types: | |
| | Cross Connect Down |
| | Missing Cross Connect |
| | Missing ODUk Connection |
| | Missing VTS Connection |
| | OCH Trail Name Mismatch |
| | Port (that is not part of CrossConnect) Down |
| | VTS Connection is Down |
| | Wave Key Mode Mismatch |

Bidirectional

Table 2-1502 Bidirectional

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Config Type

Table 2-1503 Config Type

| Name | Value |
|--------------------------|--|
| Description | Auto assigned during service discovery or creation based on configuration found. |
| Displayed name | Config Type |
| OSS name | svcPathConfigType |
| Read-only | yes |
| Tab Panel | General Service Path Config |
| Type | SvcPathConfigFlags |
| Enumerated types: | |
| Dual stage Mux | |
| Regen | |
| Single Fiber | |

Operational State

Table 2-1504 Operational State

| Name | Value |
|--------------------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionOperState |
| Enumerated types: | |
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

Path ID

Table 2-1505 Path ID

| Name | Value |
|-----------------------|-------------------------------|
| Default | yes:0 |
| Description | Unique id for the Connection. |
| Displayed name | Path ID |
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | connId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Path Mode

Table 2-1506 Path Mode

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | The protection state of the connection. |
| Displayed name | Path Mode |
| Mandatory on creation | yes |
| OSS name | protectionState |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Port A**Table 2-1507 Port A**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes: |
| Description | Physical port pointer for A end. |
| Displayed name | Port A |
| Mandatory on creation | yes |
| OSS name | portAPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Port Z**Table 2-1508 Port Z**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes: |
| Description | Physical port pointer for Z end. |
| Displayed name | Port Z |
| Mandatory on creation | yes |
| OSS name | portZPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Service Component ID**Table 2-1509 Service Component ID**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The id of the transport service / trail to which this path is associated with. |
| Displayed name | Service Component ID |
| OSS name | svcComponentId |
| Read-only | yes |
| Tab Panel | General General |

Table 2-1509 Service Component ID (continued)

| Name | Value |
|------|-------|
| Type | LONG |

Service Path Mode

Table 2-1510 Service Path Mode

| Name | Value |
|--------------------------|---|
| Description | Mode of the service path - unprotected/working/protection |
| Displayed name | Service Path Mode |
| Mandatory on creation | yes |
| OSS name | serviceMode |
| Read-only | no |
| Tab Panel | General General |
| Type | TransportServiceMode |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Weight

Table 2-1511 Weight

| Name | Value |
|-----------------------|--|
| Default | yes:0 |
| Description | Indicates number of hops in this service path. |
| Displayed name | Weight |
| Mandatory on creation | yes |
| OSS name | weight |
| Read-only | no |
| Tab Panel | General General |

Table 2-1511 Weight (continued)

| Name | Value |
|------|-------|
| Type | INT |

Optical Site parameters

Account Session ID

Table 2-1512 Account Session ID

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Account Session ID |
| OSS name | acctSessionId |
| Read-only | yes |
| Tab Panel | General Auto-Creation |
| Type | STRING |

Account Session ID (Control)

Table 2-1513 Account Session ID (Control)

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Account Session ID (Control) |
| OSS name | acctSessionIdCtrl |
| Read-only | yes |
| Tab Panel | General Auto-Creation |
| Type | STRING |

Administrative State

Table 2-1514 Administrative State

| Name | Value |
|----------------|---|
| Default | yes:serviceUp |
| Description | The administrative state of the service site. |
| Displayed name | Administrative State |

Table 2-1514 Administrative State (continued)

| Name | Value |
|-------------|--------------------------|
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | netw.AdministrativeState |

Creation Mode**Table 2-1515 Creation Mode**

| Name | Value |
|-----------------------|--|
| Default | yes>manual |
| Description | Indicates the protocol or mechanism which created this site. |
| Displayed name | Creation Mode |
| Mandatory on creation | yes |
| OSS name | creationOrigin |
| Read-only | no |
| Tab Panel | General Auto-Creation |
| Type | svt.L2RouteOriginType |

Customer ID**Table 2-1516 Customer ID**

| Name | Value |
|----------------|------------------|
| Default | yes:1 |
| Displayed name | Customer ID |
| OSS name | subscriberId |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | LONG |

Customer Name

Table 2-1517 Customer Name

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 32 |
| OSS name | subscriberName |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | STRING |

Description

Table 2-1518 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Dynamic Service Policy

Table 2-1519 Dynamic Service Policy

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Identifies the Dynamic Service Policy used to create this service. |
| Displayed name | Dynamic Service Policy |
| OSS name | dynamicServicePolicyPointer |
| Read-only | yes |
| Tab Panel | General Auto-Creation |
| Type | POINTER |

From/To

Table 2-1520 From/To

| Name | Value |
|--------------------------|--|
| Default | yes:from |
| Description | Indicates if the site is at A end or Z end of the service. |
| Displayed name | From/To |
| OSS name | sitePosition |
| Read-only | no |
| Tab Panel | General General |
| Type | SitePosition |
| Enumerated types: | |
| A End | |
| Add | |
| Broadcast | |
| Drop | |
| Drop and Continue | |
| Z End | |

Monitor Access Interface Operational State

Table 2-1521 Monitor Access Interface Operational State

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Monitor Access Interface Operational State |
| OSS name | monitorAccessInterfaceOper |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Name

Table 2-1522 Name

| Name | Value |
|---------|-------|
| Default | yes: |

Table 2-1522 Name (continued)

| Name | Value |
|----------------|--|
| Description | Specifies the Name of the Service Site. It cannot be set to only spaces. Setting to "", "N/A", or "n/a" after creation, will clear Site Name from the node and SAM GUI will display "N/A". |
| Displayed name | Name |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Number of SAPs**Table 2-1523 Number of SAPs**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The number of access interfaces directly connected to this site. |
| Displayed name | Number of SAPs |
| OSS name | numberOfAccessInterfaces |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Operational State**Table 2-1524 Operational State**

| Name | Value |
|----------------|--|
| Default | yes:unknown |
| Description | The operational status of this service site. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General General |
| Type | netw.OperationalState |

Path Type

Table 2-1525 Path Type

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | Type of connection which is riding through the drop site. |
| Displayed name | Path Type |
| OSS name | protectionType |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Service ID

Table 2-1526 Service ID

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Service ID |
| OSS name | serviceId |
| Read-only | yes |
| Tab Panel | General Service |
| Type | LONG |

Service Name

Table 2-1527 Service Name

| Name | Value |
|---------|-------|
| Default | yes: |

Table 2-1527 Service Name (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Service Name |
| Maximum | 64 |
| OSS name | serviceName |
| Read-only | yes |
| Tab Panel | General Service |
| Type | STRING |

Site Name**Table 2-1528 Site Name**

| Name | Value |
|----------------|---------------------------------|
| Description | Indicates the Name of the Site. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

State Cause**Table 2-1529 State Cause**

| Name | Value |
|----------------|--|
| Description | Specifies all the conditions that affect the operating status of this service. |
| Displayed name | State Cause |
| OSS name | operationalFlags |
| Read-only | yes |
| Tab Panel | General General |
| Type | SiteOperFlags |

SVC Mgr Service ID**Table 2-1530 SVC Mgr Service ID**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | SVC Mgr Service ID |
| OSS name | svcComponentId |
| Read-only | yes |
| Tab Panel | General Service |
| Type | LONG |

Switch Name**Table 2-1531 Switch Name**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | On 1830 PSS nodes, new cards like 11QPE24 supports E-LAN (VPLS) and later E-Line (VLL); other cards will follow. All of these cards support the SR-OS object model and behave similar to 7210 nodes. This object represents a service object on a given a site and card. This attribute is a pointer to the card model object. |
| Displayed name | Switch Name |
| Mandatory on creation | yes |
| OSS name | ethernetSwitchCardPointer |
| Read-only | no |
| Tab Panel | General Network Element |
| Type | POINTER |

System ID**Table 2-1532 System ID**

| Name | Value |
|-----------------------|-------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | System ID |
| Mandatory on creation | yes |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General Network Element |

Table 2-1532 System ID (continued)

| Name | Value |
|------|----------|
| Type | INETADDR |

Optical Trail Path parameters

Additional Information

Table 2-1533 Additional Information

| Name | Value |
|--|--|
| Description | Indicates why operational state is down for this connection. |
| Displayed name | Additional Information |
| OSS name | stateCause |
| Read-only | yes |
| Tab Panel | General States |
| Type | OperationalFlags |
| Enumerated types: | |
| Cross Connect Down | |
| Missing Cross Connect | |
| Missing ODUk Connection | |
| Missing VTS Connection | |
| OCH Trail Name Mismatch | |
| Port (that is not part of CrossConnect) Down | |
| VTS Connection is Down | |
| Wave Key Mode Mismatch | |

Bidirectional

Table 2-1534 Bidirectional

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| OSS name | biDirectional |
| Read-only | no |

Table 2-1534 Bidirectional (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | BOOL |

Operational State

Table 2-1535 Operational State

| Name | Value |
|--------------------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionOperState |
| Enumerated types: | |
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

Parent Trail

Table 2-1536 Parent Trail

| Name | Value |
|----------------|---|
| Description | The FDN of the trail to which this trail path is associated with. |
| Displayed name | Parent Trail |
| OSS name | trailPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Path ID**Table 2-1537 Path ID**

| Name | Value |
|-----------------------|-------------------------------|
| Default | yes:0 |
| Description | Unique id for the Connection. |
| Displayed name | Path ID |
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | connId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Trail End Port A**Table 2-1538 Trail End Port A**

| Name | Value |
|-----------------------|---------------------------|
| Default | yes: |
| Description | Pointer to the A end Ctp. |
| Displayed name | Trail End Port A |
| Mandatory on creation | yes |
| OSS name | ctpAPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Trail End Port A**Table 2-1539 Trail End Port A**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes: |
| Description | Physical port pointer for A end. |
| Displayed name | Trail End Port A |
| Mandatory on creation | yes |

Table 2-1539 Trail End Port A (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | portAPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Trail End Port Z

Table 2-1540 Trail End Port Z

| Name | Value |
|-----------------------|---------------------------|
| Default | yes: |
| Description | Pointer to the Z end Ctp. |
| Displayed name | Trail End Port Z |
| Mandatory on creation | yes |
| OSS name | ctpZPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Trail End Port Z

Table 2-1541 Trail End Port Z

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes: |
| Description | Physical port pointer for Z end. |
| Displayed name | Trail End Port Z |
| Mandatory on creation | yes |
| OSS name | portZPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Trail Path Mode

Table 2-1542 Trail Path Mode

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | The protection state of the connection. |
| Displayed name | Trail Path Mode |
| Mandatory on creation | yes |
| OSS name | protectionState |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Optical Transport Service parameters

A to Z

Table 2-1543 A to Z

| Name | Value |
|--------------------------|---|
| Description | Indicates which service path is the active one in the AZ direction. |
| Displayed name | A to Z |
| OSS name | activePathAZ |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | TransportServiceMode |
| Enumerated types: | |
| A1Z1 | |

Table 2-1543 A to Z (continued)

| Name | Value |
|-------------|-------|
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Administrative State

Table 2-1544 Administrative State

| Name | Value |
|----------------|---|
| Default | yes:up |
| Description | The administrative state of the service . |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | ServiceState |

Administrative State

Table 2-1545 Administrative State

| Name | Value |
|----------------|---|
| Default | yes:up |
| Description | The administrative state of the service . |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | ServiceState |

Aggregated Service Site Operational State**Table 2-1546 Aggregated Service Site Operational State**

| Name | Value |
|----------------|--|
| Default | yes:up |
| Description | The operational status of this service site. |
| Displayed name | Aggregated Service Site Operational State |
| OSS name | aggrOperationalState |
| Read-only | yes |
| Tab Panel | General General |
| Type | AggrOperState |

APS Direction**Table 2-1547 APS Direction**

| Name | Value |
|--------------------------|--|
| Default | yes:unspecified |
| Description | Indicates the protection direction of the APS Group to be provisioned as part of the ESNCP-protected service |
| Displayed name | APS Direction |
| OSS name | apsDirection |
| Read-only | no |
| Tab Panel | General APS Group |
| Type | ApsDirection |
| Enumerated types: | |
| Bidirectional | |
| Unidirectional | |

APS Direction**Table 2-1548 APS Direction**

| Name | Value |
|----------------|---|
| Default | yes:unidirectional |
| Description | Duplicated from ApsGroup. Applicable only for y-cable protected service in creation mode. |
| Displayed name | APS Direction |
| OSS name | apsDirection |

Table 2-1548 APS Direction (continued)

| Name | Value |
|--------------------------|--------------------------|
| Read-only | no |
| Tab Panel | General YCable APS Group |
| Type | ApsDirection |
| Enumerated types: | |
| | Bidirectional |
| | Unidirectional |

Ason Domain

Table 2-1549 Ason Domain

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | Applies to the control plane segment only. |
| Displayed name | Ason Domain |
| Mandatory on creation | yes |
| OSS name | asonDomainPointer |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | POINTER |

CE-VLANID

Table 2-1550 CE-VLANID

| Name | Value |
|----------------|---|
| Description | Represents the CE VLANID of the vts map |
| Displayed name | CE-VLANID |
| OSS name | vtsMapCEVLANID |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | STRING |

CE-VLANID - AZ**Table 2-1551 CE-VLANID - AZ**

| Name | Value |
|----------------|---|
| Description | Represents the ingress CE VLANID of the vts map |
| Displayed name | CE-VLANID - AZ |
| OSS name | vtsMapIngressCEVLANID |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | STRING |

CE-VLANID - ZA**Table 2-1552 CE-VLANID - ZA**

| Name | Value |
|----------------|--|
| Description | Represents the egress CE VLANID of the vts map |
| Displayed name | CE-VLANID - ZA |
| OSS name | vtsMapEgressCEVLANID |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | STRING |

Committed Burst Size - AZ (Kbytes)**Table 2-1553 Committed Burst Size - AZ (Kbytes)**

| Name | Value |
|--------------------------|---|
| Default | yes:256 |
| Description | Represents the minimum committed burst rate that the service supports on the AZ direction |
| Displayed name | Committed Burst Size - AZ (Kbytes) |
| OSS name | vtsCommittedBurstRate |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CbsAndEbsRate |
| Enumerated types: | |
| | 1024 |
| | 128 |

Table 2-1553 Committed Burst Size - AZ (Kbytes) (continued)

| Name | Value |
|-------|-------|
| 16 | |
| 16384 | |
| 2048 | |
| 256 | |
| 32 | |
| 4096 | |
| 512 | |
| 64 | |
| 8192 | |

Committed Burst Size - ZA (Kbytes)

Table 2-1554 Committed Burst Size - ZA (Kbytes)

| Name | Value |
|--------------------------|---|
| Default | yes:256 |
| Description | Represents the minimum committed burst rate that the service supports on the ZA direction |
| Displayed name | Committed Burst Size - ZA (Kbytes) |
| OSS name | vtsCommittedBurstRateZA |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CbsAndEbsRate |
| Enumerated types: | |
| 1024 | |
| 128 | |
| 16 | |
| 16384 | |
| 2048 | |
| 256 | |
| 32 | |
| 4096 | |
| 512 | |
| 64 | |
| 8192 | |

Committed Info Rate - AZ (Mbps)

Table 2-1555 Committed Info Rate - AZ (Mbps)

| Name | Value |
|--------------------------|---|
| Default | yes:100 |
| Description | Represents the minimum committed information rate that the service supports on the AZ direction |
| Displayed name | Committed Info Rate - AZ (Mbps) |
| OSS name | vtsCommittedInfoRate |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CirAndEirRate |
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 1000 | |
| 10000 | |
| 15 | |
| 150 | |
| 1500 | |
| 2 | |
| 20 | |
| 200 | |
| 2000 | |
| 25 | |
| 250 | |
| 2500 | |
| 3 | |
| 30 | |
| 300 | |
| 3000 | |
| 35 | |
| 350 | |
| 3500 | |

Table 2-1555 Committed Info Rate - AZ (Mbps) (continued)

| Name | Value |
|------|-------|
| 4 | |
| 40 | |
| 400 | |
| 4000 | |
| 45 | |
| 450 | |
| 4500 | |
| 5 | |
| 50 | |
| 500 | |
| 5000 | |
| 55 | |
| 550 | |
| 5500 | |
| 6 | |
| 60 | |
| 600 | |
| 6000 | |
| 65 | |
| 650 | |
| 6500 | |
| 7 | |
| 70 | |
| 700 | |
| 7000 | |
| 75 | |
| 750 | |
| 7500 | |
| 8 | |
| 80 | |
| 800 | |
| 8000 | |
| 85 | |

Table 2-1555 Committed Info Rate - AZ (Mbps) (continued)

| Name | Value |
|------|-------|
| 850 | |
| 8500 | |
| 9 | |
| 90 | |
| 900 | |
| 9000 | |
| 95 | |
| 950 | |
| 9500 | |

Committed Info Rate - ZA (Mbps)

Table 2-1556 Committed Info Rate - ZA (Mbps)

| Name | Value |
|--------------------------|---|
| Default | yes:100 |
| Description | Represents the minimum committed information rate that the service supports on the ZA direction |
| Displayed name | Committed Info Rate - ZA (Mbps) |
| OSS name | vtsCommittedInfoRateZA |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CirAndEirRate |
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 1000 | |
| 10000 | |
| 15 | |
| 150 | |
| 1500 | |
| 2 | |

Table 2-1556 Committed Info Rate - ZA (Mbps) (continued)

| Name | Value |
|------|-------|
| 20 | |
| 200 | |
| 2000 | |
| 25 | |
| 250 | |
| 2500 | |
| 3 | |
| 30 | |
| 300 | |
| 3000 | |
| 35 | |
| 350 | |
| 3500 | |
| 4 | |
| 40 | |
| 400 | |
| 4000 | |
| 45 | |
| 450 | |
| 4500 | |
| 5 | |
| 50 | |
| 500 | |
| 5000 | |
| 55 | |
| 550 | |
| 5500 | |
| 6 | |
| 60 | |
| 600 | |
| 6000 | |
| 65 | |
| 650 | |

Table 2-1556 Committed Info Rate - ZA (Mbps) (continued)

| Name | Value |
|------|-------|
| 6500 | |
| 7 | |
| 70 | |
| 700 | |
| 7000 | |
| 75 | |
| 750 | |
| 7500 | |
| 8 | |
| 80 | |
| 800 | |
| 8000 | |
| 85 | |
| 850 | |
| 8500 | |
| 9 | |
| 90 | |
| 900 | |
| 9000 | |
| 95 | |
| 950 | |
| 9500 | |

Composite ID

Table 2-1557 Composite ID

| Name | Value |
|----------------|-----------------|
| Displayed name | Composite ID |
| OSS name | compositeSvcId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Composite Service

Table 2-1558 Composite Service

| Name | Value |
|----------------|---------------------|
| Displayed name | Composite Service |
| OSS name | compositeSvcPointer |
| Read-only | yes |
| Tab Panel | General General |
| Type | POINTER |

Contains Dynamically Created Sites

Table 2-1559 Contains Dynamically Created Sites

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates whether this service contains sites created by a dynamic service policy. |
| Displayed name | Contains Dynamically Created Sites |
| OSS name | containsDynamicSites |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Customer

Table 2-1560 Customer

| Name | Value |
|-----------------------|-------------------|
| Displayed name | Customer |
| Mandatory on creation | yes |
| OSS name | subscriberPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Customer ID

Table 2-1561 Customer ID

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Customer ID |
| OSS name | subscriberId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Customer Name

Table 2-1562 Customer Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 252 |
| OSS name | customerName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Description

Table 2-1563 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Direction

Table 2-1564 Direction

| Name | Value |
|--------------------------|--|
| Default | yes:bi |
| Description | Indicates if the service is Uni or Bi Directional. |
| Displayed name | Direction |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General General |
| Type | ServiceDirection |
| Enumerated types: | |
| | Bidirectional |
| | Unidirectional |

Enable Application Performance Reporting

Table 2-1565 Enable Application Performance Reporting

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | 5670 RAM property to enable Application Performance reporting. |
| Displayed name | Enable Application Performance Reporting |
| OSS name | enableAppPerfReporting |
| Read-only | no |
| Tab Panel | Application Assurance.5670 RAM Parameters.General General |
| Type | BOOL |

Force Create OCh XC

Table 2-1566 Force Create OCh XC

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Indicates whether the OCH xc should be created by force when power commissioning provisioning state is "InProgress" |
| Displayed name | Force Create OCh XC |
| OSS name | forceXcCreate |

Table 2-1566 Force Create OCh XC (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Holding Priority**Table 2-1567 Holding Priority**

| Name | Value |
|----------------|---|
| Default | yes:5 |
| Description | Applies to the control plane segment only. Priority used in restoration (holding priority)? TODO: rename if it is the case |
| Displayed name | Holding Priority |
| Maximum | 5 |
| Minimum | 1 |
| OSS name | holdingPriority |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | INT |

Inconsistency**Table 2-1568 Inconsistency**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Description | Discrepancy. |
| Displayed name | Inconsistency |
| OSS name | discrepancy |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Inconsistent**Table 2-1569 Inconsistent**

| Name | Value |
|----------------|-------------------|
| Default | yes:false |
| Description | Discrepancy Flag. |
| Displayed name | Inconsistent |
| OSS name | discrepancyFlag |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Is SubGige Full Rate Service**Table 2-1570 Is SubGige Full Rate Service**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether the transport service is QinQ Service with Port Mode [Indicate if the service to be created is a Full Rate Service under subgige rate for QinQ mode] |
| Displayed name | Is SubGige Full Rate Service |
| OSS name | isQinQFullRateService |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | BOOL |

Is SubGige Service QinQ**Table 2-1571 Is SubGige Service QinQ**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicate if the service to be created is a qinq service under subgige rate |
| Displayed name | Is SubGige Service QinQ |
| OSS name | isQinQService |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | BOOL |

Is SVLAN Push-Pop/Keep Capable QinQ Service**Table 2-1572 Is SVLAN Push-Pop/Keep Capable QinQ Service**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Indicates if SVLAN ID Push Pop Keep feature is applicable for this SubGige QinQ Service |
| Displayed name | Is SVLAN Push-Pop/Keep Capable QinQ Service |
| OSS name | isApplicableSVLANPushPop |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | BOOL |

Is Untagged Traffic Supported**Table 2-1573 Is Untagged Traffic Supported**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | If Untagged Traffic Supported.Specifies whether the transport service is carrying untagged traffic. |
| Displayed name | Is Untagged Traffic Supported |
| OSS name | isUntaggedTrafficSupported |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | BOOL |

Link Group ID**Table 2-1574 Link Group ID**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:notApplicable |
| Description | > Specifies the port ISL group Id. |
| Displayed name | Link Group ID |
| OSS name | islGroupId |
| Read-only | no |
| Tab Panel | General General |
| Type | ISLGroupIdType |

Table 2-1574 Link Group ID (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| Not Applicable | |

Managed

Table 2-1575 Managed

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | If true, sites cannot be modified, only 'complete service' can be done. |
| Displayed name | Managed |
| OSS name | isServicePathCreated |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Modified for Throughput Test

Table 2-1576 Modified for Throughput Test

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Indicates whether this service is modified for the service throughput test. |
| Displayed name | Modified for Throughput Test |
| OSS name | mfThroughputTest |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Number Of IP Detail Addresses**Table 2-1577 Number Of IP Detail Addresses**

| Name | Value |
|----------------|---|
| Default | yes:10 |
| Description | 5670 RAM property for the number of addresses that require IP Detail reporting. |
| Displayed name | Number Of IP Detail Addresses |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | ipDetailCount |
| Read-only | no |
| Tab Panel | Application Assurance.5670 RAM Parameters.General General |
| Type | INT |

Number Of Sites**Table 2-1578 Number Of Sites**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Number Of Sites |
| OSS name | numberOfSites |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Operational State**Table 2-1579 Operational State**

| Name | Value |
|----------------|--|
| Default | yes:portOutOfService |
| Description | Operational State is built depending on the OT port oper states and XC oper state of Working Path. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |

Table 2-1579 Operational State (continued)

| Name | Value |
|------|----------------------------|
| Type | equipment.OperationalState |

Path Preference

Table 2-1580 Path Preference

| Name | Value |
|-------------------------------------|---|
| Default | yes:working |
| Description | Indicates whether the working path or the protection path needs to be retained when Service protection is modified to unprotected |
| Displayed name | Path Preference |
| OSS name | modifyProtectionPreference |
| Read-only | no |
| Tab Panel | General General |
| Type | ModifyProtectionPreference |
| Enumerated types: | |
| None | |
| Retain Path A1Z1 | |
| Retain Path A1Z2 | |
| Retain Path A2Z1 | |
| Retain Path A2Z2 | |
| Retain Protection Path | |
| Retain Termination Points A1 and Z1 | |
| Retain Termination Points A1 and Z2 | |
| Retain Termination Points A2 and Z1 | |
| Retain Termination Points A2 and Z2 | |
| Retain Working Path | |

Path Search Option

Table 2-1581 Path Search Option

| Name | Value |
|-------------|---|
| Default | yes:system |
| Description | Specifies if routing path should be Auto-picked or User Defined. In case of User Defined, complete route needs to be defined by User via constraints. |

Table 2-1581 Path Search Option (continued)

| Name | Value |
|--------------------------|--------------------|
| Displayed name | Path Search Option |
| OSS name | pathSearchOption |
| Read-only | no |
| Tab Panel | General General |
| Type | PathSearchType |
| Enumerated types: | |
| GMRE Defined | |
| Interactive Mode | |
| System Defined | |
| User Defined | |

Peak Burst Size - AZ (Kbytes)

Table 2-1582 Peak Burst Size - AZ (Kbytes)

| Name | Value |
|--------------------------|--|
| Default | yes:4096 |
| Description | Represents the minimum excess burst rate that the service supports on the AZ direction |
| Displayed name | Peak Burst Size - AZ (Kbytes) |
| OSS name | vtsExcessBurstRate |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CbsAndEbsRate |
| Enumerated types: | |
| 1024 | |
| 128 | |
| 16 | |
| 16384 | |
| 2048 | |
| 256 | |
| 32 | |
| 4096 | |
| 512 | |
| 64 | |

Table 2-1582 Peak Burst Size - AZ (Kbytes) (continued)

| Name | Value |
|------|-------|
| 8192 | |

Peak Burst Size - ZA (Kbytes)

Table 2-1583 Peak Burst Size - ZA (Kbytes)

| Name | Value |
|--------------------------|--|
| Default | yes:4096 |
| Description | Represents the minimum excess burst rate that the service supports on the ZA direction |
| Displayed name | Peak Burst Size - ZA (Kbytes) |
| OSS name | vtsExcessBurstRateZA |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CbsAndEbsRate |
| Enumerated types: | |
| 1024 | |
| 128 | |
| 16 | |
| 16384 | |
| 2048 | |
| 256 | |
| 32 | |
| 4096 | |
| 512 | |
| 64 | |
| 8192 | |

Peak Info Rate - AZ (Mbps)

Table 2-1584 Peak Info Rate - AZ (Mbps)

| Name | Value |
|-------------|--|
| Default | yes:100 |
| Description | Represents the minimum excess information rate that the service supports on the AZ direction |

Table 2-1584 Peak Info Rate - AZ (Mbps) (continued)

| Name | Value |
|--------------------------|------------------------------------|
| Displayed name | Peak Info Rate - AZ (Mbps) |
| OSS name | vtsExcessInfoRate |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CirAndEirRate |
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 1000 | |
| 10000 | |
| 15 | |
| 150 | |
| 1500 | |
| 2 | |
| 20 | |
| 200 | |
| 2000 | |
| 25 | |
| 250 | |
| 2500 | |
| 3 | |
| 30 | |
| 300 | |
| 3000 | |
| 35 | |
| 350 | |
| 3500 | |
| 4 | |
| 40 | |
| 400 | |
| 4000 | |

Table 2-1584 Peak Info Rate - AZ (Mbps) (continued)

| Name | Value |
|------|-------|
| 45 | |
| 450 | |
| 4500 | |
| 5 | |
| 50 | |
| 500 | |
| 5000 | |
| 55 | |
| 550 | |
| 5500 | |
| 6 | |
| 60 | |
| 600 | |
| 6000 | |
| 65 | |
| 650 | |
| 6500 | |
| 7 | |
| 70 | |
| 700 | |
| 7000 | |
| 75 | |
| 750 | |
| 7500 | |
| 8 | |
| 80 | |
| 800 | |
| 8000 | |
| 85 | |
| 850 | |
| 8500 | |
| 9 | |
| 90 | |

Table 2-1584 Peak Info Rate - AZ (Mbps) (continued)

| Name | Value |
|------|-------|
| 900 | |
| 9000 | |
| 95 | |
| 950 | |
| 9500 | |

Peak Info Rate - ZA (Mbps)

Table 2-1585 Peak Info Rate - ZA (Mbps)

| Name | Value |
|--------------------------|--|
| Default | yes:100 |
| Description | Represents the minimum excess information rate that the service supports on the ZA direction |
| Displayed name | Peak Info Rate - ZA (Mbps) |
| OSS name | vtsExcessInfoRateZA |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CirAndEirRate |
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 1000 | |
| 10000 | |
| 15 | |
| 150 | |
| 1500 | |
| 2 | |
| 20 | |
| 200 | |
| 2000 | |
| 25 | |

Table 2-1585 Peak Info Rate - ZA (Mbps) (continued)

| Name | Value |
|------|-------|
| 250 | |
| 2500 | |
| 3 | |
| 30 | |
| 300 | |
| 3000 | |
| 35 | |
| 350 | |
| 3500 | |
| 4 | |
| 40 | |
| 400 | |
| 4000 | |
| 45 | |
| 450 | |
| 4500 | |
| 5 | |
| 50 | |
| 500 | |
| 5000 | |
| 55 | |
| 550 | |
| 5500 | |
| 6 | |
| 60 | |
| 600 | |
| 6000 | |
| 65 | |
| 650 | |
| 6500 | |
| 7 | |
| 70 | |
| 700 | |

Table 2-1585 Peak Info Rate - ZA (Mbps) (continued)

| Name | Value |
|------|-------|
| 7000 | |
| 75 | |
| 750 | |
| 7500 | |
| 8 | |
| 80 | |
| 800 | |
| 8000 | |
| 85 | |
| 850 | |
| 8500 | |
| 9 | |
| 90 | |
| 900 | |
| 9000 | |
| 95 | |
| 950 | |
| 9500 | |

Plane Type

Table 2-1586 Plane Type

| Name | Value |
|-----------------------|---|
| Default | yes:MP |
| Description | - Management plane, control plane or mixed. |
| Displayed name | Plane Type |
| Mandatory on creation | yes |
| OSS name | managementDomains |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.MgmtAccessDomains |

Protection Level

Table 2-1587 Protection Level

| Name | Value |
|--------------------------|--|
| Default | yes:unprotected |
| Description | The calculated protection based on the underlying server otn layers. |
| Displayed name | Protection Level |
| Mandatory on creation | yes |
| OSS name | protectionLevel |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionLevel |
| Enumerated types: | |
| | Protected |
| | Segment Protected |
| | Unprotected |

Protection Path Service

Table 2-1588 Protection Path Service

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | Needs to be set , while creating a diverse routed service, using two existing unprotected services. |
| Displayed name | Protection Path Service |
| Mandatory on creation | yes |
| OSS name | diverseProtectionService |
| Read-only | no |
| Tab Panel | General Diverse Route Details |
| Type | POINTER |

Protection Type

Table 2-1589 Protection Type

| Name | Value |
|---------|-----------------|
| Default | yes:unprotected |

Table 2-1589 Protection Type (continued)

| Name | Value |
|--------------------------|--------------------------------|
| Description | Protection Type of the Service |
| Displayed name | Protection Type |
| OSS name | protection |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionType |
| Enumerated types: | |
| Client Protected | |
| Diverse Route | |
| ESNCP Protected | |
| OPS Protected | |
| Segment Protected | |
| Unprotected | |
| Y-Cable Protected | |

QinQ Service Stack-VLAN Tagging Configuration

Table 2-1590 QinQ Service Stack-VLAN Tagging Configuration

| Name | Value |
|--------------------------|---|
| Default | yes:PushPop |
| Description | Indicates QinQ Service Stack-VLAN Tagging Configuration. Specifies the type of Stack-VLAN configuration : Push-Pop or Keep. |
| Displayed name | QinQ Service Stack-VLAN Tagging Configuration |
| OSS name | svlanTaggingConfiguration |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | SVLANTaggingConfiguration |
| Enumerated types: | |
| Keep | |
| Push-Pop | |

Rate

Table 2-1591 Rate

| Name | Value |
|--------------------------|--|
| Default | yes:unspecified |
| Description | Service Rate - Indicates the rate of the termination points. |
| Displayed name | Rate |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | AssignedRate |
| Enumerated types: | |
| 100GbE LAN | |
| 10GbE LAN | |
| 1GbE | |
| 3GSDI | |
| 40GbE LAN | |
| 40GbE MLD LAN | |
| BITS | |
| CBR10G | |
| CBR10G3 | |
| CBR2G5 | |
| DCN | |
| DDR | |
| Default | |
| DVBASI | |
| DVI 6000 | |
| E1 | |
| ESCON | |
| FC100 | |
| FC1200 | |
| FC1600 | |
| FC200 | |
| FC400 | |
| FC800 | |
| FDDI | |

Table 2-1591 Rate (continued)

| Name | Value |
|-------------------|-------|
| FE | |
| HSDSI | |
| N/A | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex-3GSDI | |
| ODUFlex-40GBE MLD | |
| ODUFlex-CBR | |
| ODUFlex-DDR | |
| ODUFlex-FC1200 | |
| ODUFlex-FC1600 | |
| ODUFlex-FC400 | |
| ODUFlex-FC800 | |
| ODUFlex-GFP | |
| OMS | |
| ONETRU | |
| OPTSG | |
| OS | |

Table 2-1591 Rate (continued)

| Name | Value |
|------------|-------|
| OTL4.4 | |
| OTS | |
| OTU1 | |
| OTU1f | |
| OTU2 | |
| OTU2e | |
| OTU3 | |
| OTU3e2 | |
| OTU4 | |
| OTU4x2 | |
| SDR | |
| SDSDI | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| SubGigE | |
| TOD | |
| Unassigned | |
| Unknown | |

Report Customer Name

Table 2-1592 Report Customer Name

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Customer name to be used for 5670 RAM reports. |
| Displayed name | Report Customer Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | reportCustName |
| Read-only | no |

Table 2-1592 Report Customer Name (continued)

| Name | Value |
|-------------|---|
| Tab Panel | Application Assurance.5670 RAM Parameters.General General |
| Type | STRING |

Restoration Method**Table 2-1593 Restoration Method**

| Name | Value |
|-----------------------|---|
| Default | yes:unprotected |
| Description | Applies to the control plane segment only. - Permanent connections support unprotected and snep values. - Soft permanent connections support all values. - Switched connections support all values. See common behavior shell for supported restoration types (depends on connectionSetupType and protection type). |
| Displayed name | Restoration Method |
| Mandatory on creation | yes |
| OSS name | restorationMethod |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | gmpls.RestorationMethodType |

Reversion Mode**Table 2-1594 Reversion Mode**

| Name | Value |
|----------------|--|
| Default | yes>manual |
| Description | Applies to the control plane segment only. |
| Displayed name | Reversion Mode |
| OSS name | reversionType |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | gmpls.ReversionType |

Revert Mode

Table 2-1595 Revert Mode

| Name | Value |
|--------------------------|---|
| Default | yes:unspecified |
| Description | Indicates whether revertive or non-revertive APS Group is to be provisioned as part of the ESNCP-protected service. |
| Displayed name | Revert Mode |
| OSS name | revertMode |
| Read-only | no |
| Tab Panel | General APS Group |
| Type | ApsRevertMode |
| Enumerated types: | |
| Non Revertive | |
| Revertive | |

Revert Mode

Table 2-1596 Revert Mode

| Name | Value |
|--------------------------|--|
| Default | yes:nonrevertive |
| Description | Duplicated from ApsGroup. Applicable only for y-cable protected service in creation mode. Specifies the Reversion mode of the Transport Service. |
| Displayed name | Revert Mode |
| OSS name | revertMode |
| Read-only | no |
| Tab Panel | General YCable APS Group |
| Type | ApsRevertMode |
| Enumerated types: | |
| Non Revertive | |
| Revertive | |

Service Deployment Mode

Table 2-1597 Service Deployment Mode

| Name | Value |
|--------------------------|---|
| Default | yes:deploy |
| Description | Indicates if the TransportService is created in Preview (or) Deploy Mode. |
| Displayed name | Service Deployment Mode |
| OSS name | connectionMode |
| Read-only | no |
| Tab Panel | General General |
| Type | ConnectionMode |
| Enumerated types: | |
| Deploy | |
| Failed | |
| Preview | |
| Unknown | |

Service ID

Table 2-1598 Service ID

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Service ID |
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | serviceId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Service Name

Table 2-1599 Service Name

| Name | Value |
|---------|-------|
| Default | yes: |

Table 2-1599 Service Name (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Service Name |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Service Priority

Table 2-1600 Service Priority

| Name | Value |
|----------------|------------------------------|
| Default | yes:low |
| Description | The priority of the service. |
| Displayed name | Service Priority |
| OSS name | svcPriority |
| Read-only | no |
| Tab Panel | General General |
| Type | security.PriorityType |

Service Tier

Table 2-1601 Service Tier

| Name | Value |
|----------------|-----------------|
| Default | yes:1 |
| Displayed name | Service Tier |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | tier |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Service Type**Table 2-1602 Service Type**

| Name | Value |
|----------------|-----------------|
| Displayed name | Service Type |
| OSS name | className |
| Read-only | no |
| Tab Panel | General General |

Setup Priority**Table 2-1603 Setup Priority**

| Name | Value |
|----------------|---|
| Default | yes:5 |
| Description | Applies to the control plane segment only. Setup priority determines whether this ODU connection might preempt existing connections during setup. |
| Displayed name | Setup Priority |
| Maximum | 5 |
| Minimum | 1 |
| OSS name | setupPriority |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | INT |

Stack-VLANID - AZ**Table 2-1604 Stack-VLANID - AZ**

| Name | Value |
|----------------|--|
| Default | yes:10 |
| Description | Represents the egress S VLANID of the vts map in qinq mode |
| Displayed name | Stack-VLANID - AZ |
| Maximum | 4095 |
| Minimum | 1 |
| OSS name | vtsMapEgressSVLANID |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |

Table 2-1604 Stack-VLANID - AZ (continued)

| Name | Value |
|------|-------|
| Type | LONG |

Stack-VLANID - ZA

Table 2-1605 Stack-VLANID - ZA

| Name | Value |
|----------------|---|
| Default | yes:10 |
| Description | Represents the ingress S VLANID of the vts map in qinq mode |
| Displayed name | Stack-VLANID - ZA |
| Maximum | 4095 |
| Minimum | 1 |
| OSS name | vtsMapIngressSVLANID |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | LONG |

State Cause

Table 2-1606 State Cause

| Name | Value |
|----------------|--|
| Description | Specifies all the conditions that affect the operating status of this service. |
| Displayed name | State Cause |
| OSS name | operationalFlags |
| Read-only | yes |
| Tab Panel | General General |
| Type | OperFlags |

SVC Mgr Service ID

Table 2-1607 SVC Mgr Service ID

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | SVC Mgr Service ID |

Table 2-1607 SVC Mgr Service ID (continued)

| Name | Value |
|-----------------------|-----------------|
| Mandatory on creation | yes |
| Maximum | 1000000999999 |
| Minimum | 1 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Template

Table 2-1608 Template

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | Template |
| Mandatory on creation | yes |
| OSS name | templatePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Test Suite Count

Table 2-1609 Test Suite Count

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Test Suite Count |
| Minimum | 0 |
| OSS name | sasTestSuiteCount |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Use Existing Unprotected Services

Table 2-1610 Use Existing Unprotected Services

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Set to 'true', while creating a diverse routed service, using two existing unprotected services. |
| Displayed name | Use Existing Unprotected Services |
| OSS name | isCreateDiverseFromExisting |
| Read-only | no |
| Tab Panel | General Diverse Route Details |
| Type | BOOL |

Wait For Server Restoration

Table 2-1611 Wait For Server Restoration

| Name | Value |
|----------------|-----------------------------|
| Default | yes:true |
| Displayed name | Wait For Server Restoration |
| OSS name | waitForServerRestoration |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | BOOL |

Wait To Restore

Table 2-1612 Wait To Restore

| Name | Value |
|----------------|--|
| Default | yes:5 |
| Description | Duplicated from ApsGroup. Applicable only for y-cable protected service in creation/edit mode. |
| Displayed name | Wait To Restore |
| Maximum | 20 |
| Minimum | 1 |
| OSS name | waitToRestore |
| Read-only | no |
| Tab Panel | General YCable APS Group |

Table 2-1612 Wait To Restore (continued)

| Name | Value |
|-------|---------|
| Type | INT |
| Units | minutes |

Wave Key Assign Mode**Table 2-1613 Wave Key Assign Mode**

| Name | Value |
|--------------------------|--|
| Default | yes:auto |
| Description | Indicates the wavekey generation mode for the service. |
| Displayed name | Wave Key Assign Mode |
| OSS name | wavekeyAssignMode |
| Read-only | no |
| Tab Panel | General General |
| Type | WavekeySelect |
| Enumerated types: | |
| Auto Keying (NE) | |
| Auto Keying (NMS) | |
| Unkeyed | |

Working Path Service**Table 2-1614 Working Path Service**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | Needs to be set , while creating a diverse routed service, using two existing unprotected services. |
| Displayed name | Working Path Service |
| Mandatory on creation | yes |
| OSS name | diverseWorkingService |
| Read-only | no |
| Tab Panel | General Diverse Route Details |
| Type | POINTER |

Z to A

Table 2-1615 Z to A

| Name | Value |
|--------------------------|---|
| Description | Indicates which service path is the active one in the ZA direction. |
| Displayed name | Z to A |
| OSS name | activePathZA |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | TransportServiceMode |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

OSPF Site parameters

Administrative State

Table 2-1616 Administrative State

| Name | Value |
|----------------|----------------------|
| Default | yes:unknown |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General State |
| Type | AdministrativeState |

Advertise Router Capabilities**Table 2-1617 Advertise Router Capabilities**

| Name | Value |
|--------------------------|---|
| Default | yes:disable |
| Description | The value of ospfAdvRtrCapability specifies the OSPF advertise router capabilities. |
| Displayed name | Advertise Router Capabilities |
| OSS name | ospfAdvRtrCapability |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | OspfAdvRtrCapabTypes |
| Enumerated types: | |
| Area | |
| As | |
| Disable | |
| Link | |

Advertise Tunnel Links Enabled**Table 2-1618 Advertise Tunnel Links Enabled**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | The value of tmnxOspfAdvertiseTunnelLink indicates whether advertisement of LSP shortcuts into IGP has been enabled or disabled for OSPF. When the value of tmnxOspfAdvertiseTunnelLink is set to true LSP shortcut advertisement into IGP is enabled and when tmnxOspfAdvertiseTunnelLink is set to false LSP shortcut advertisement into IGP is disabled. |
| Displayed name | Advertise Tunnel Links Enabled |
| OSS name | advertiseTunnelLink |
| Read-only | no |
| Tab Panel | Behavior OSPFv2 |
| Type | BOOL |

Area Border Router**Table 2-1619 Area Border Router**

| Name | Value |
|----------------|--------------------|
| Default | yes:false |
| Displayed name | Area Border Router |
| OSS name | isAreaBorderRouter |
| Read-only | yes |
| Tab Panel | General Type |
| Type | BOOL |

AS-Scope Checksum Sum**Table 2-1620 AS-Scope Checksum Sum**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:0 |
| Displayed name | AS-Scope Checksum Sum |
| OSS name | asScopeLsaChecksumSum |
| Read-only | yes |
| Tab Panel | Behavior Link State Advertisements |
| Type | LONG |

AS-Scope Count**Table 2-1621 AS-Scope Count**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:0 |
| Displayed name | AS-Scope Count |
| OSS name | asScopeLsaCount |
| Read-only | yes |
| Tab Panel | Behavior Link State Advertisements |
| Type | LONG |

Autonomous System Border Router**Table 2-1622 Autonomous System Border Router**

| Name | Value |
|----------------|---------------------------------|
| Default | yes:false |
| Displayed name | Autonomous System Border Router |
| OSS name | isAutonomousSystemBorderRouter |
| Read-only | no |
| Tab Panel | General Type |
| Type | BOOL |

Average Run Time**Table 2-1623 Average Run Time**

| Name | Value |
|----------------|---------------------|
| Default | yes:0 |
| Displayed name | Average Run Time |
| Maximum | 2147483647 |
| Minimum | 0 |
| OSS name | averageSpfRunTime |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | INT |
| Units | 1/100 s |

Backbone Router**Table 2-1624 Backbone Router**

| Name | Value |
|----------------|------------------|
| Default | yes:false |
| Displayed name | Backbone Router |
| OSS name | isBackBoneRouter |
| Read-only | yes |
| Tab Panel | General Type |
| Type | BOOL |

Boot Overload Enabled**Table 2-1625 Boot Overload Enabled**

| Name | Value |
|----------------|---------------------------------|
| Default | yes:disabled |
| Displayed name | Boot Overload Enabled |
| OSS name | bootOverloadAdministrativeState |
| Read-only | no |
| Tab Panel | Overload General |
| Type | INT |

Boot Overload Interval**Table 2-1626 Boot Overload Interval**

| Name | Value |
|----------------|------------------------|
| Default | yes:0 |
| Displayed name | Boot Overload Interval |
| Maximum | 1800 |
| Minimum | 0 |
| OSS name | bootOverloadInterval |
| Read-only | no |
| Tab Panel | Overload General |
| Type | INT |
| Units | seconds |

Domain ID**Table 2-1627 Domain ID**

| Name | Value |
|----------------|---|
| Default | yes:-1 |
| Description | specifies the domain-id associated with this instance of OSPF on the router. If no value is specified for tmnxOspfAsbrDomainId, it is set to -1 |
| Displayed name | Domain ID |
| Maximum | 31 |
| Minimum | -1 |
| OSS name | domainId |

Table 2-1627 Domain ID (continued)

| Name | Value |
|-------------|---|
| Read-only | no |
| Tab Panel | General Autonomous System Border Router |
| Type | INT |

Enable LDP Synchronization**Table 2-1628 Enable LDP Synchronization**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | specifies whether the IGP-LDP synchronization feature is enabled or disabled on all interfaces participating in the OSPF routing protocol |
| Displayed name | Enable LDP Synchronization |
| OSS name | enableLdpSync |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | BOOL |

Exit Overflow Interval**Table 2-1629 Exit Overflow Interval**

| Name | Value |
|----------------|---------------------------|
| Default | yes:0 |
| Displayed name | Exit Overflow Interval |
| Maximum | 2147483647 |
| Minimum | 0 |
| OSS name | exitOverflowInterval |
| Read-only | no |
| Tab Panel | Behavior Overflow Control |
| Type | INT |

Export Limit**Table 2-1630 Export Limit**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The value of <code>tmnxOspfExportLimit</code> specifies the maximum number of routes or prefixes that can be exported into OSPF or OSPF3 from the route table. A value of 0 indicates that the export limit for routes or prefixes has been disabled. |
| Displayed name | Export Limit |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | exportLimit |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | LONG |

Export Limit Log Percent**Table 2-1631 Export Limit Log Percent**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The value of <code>tmnxOspfExportLimitLogPercent</code> specifies the percentage of the export-limit, at which a warning log message and SNMP notification would be sent. This would only be a warning and additional routes will be learned up to 100% of <code>tmnxOspfExportLimit</code> . A value of 0 indicates that <code>tmnxOspfExportLimitLogPercent</code> is disabled and no log message or SNMP notification would be sent. |
| Displayed name | Export Limit Log Percent |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | exportLimitLogPercent |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | INT |

External

Table 2-1632 External

| Name | Value |
|----------------|----------------------------|
| Default | yes:150 |
| Displayed name | External |
| Maximum | 255 |
| Minimum | 1 |
| OSS name | externalPreference |
| Read-only | no |
| Tab Panel | Behavior Route Preferences |
| Type | INT |

External (LS Type 5) Checksum Sum

Table 2-1633 External (LS Type 5) Checksum Sum

| Name | Value |
|----------------|------------------------------------|
| Default | yes:0 |
| Displayed name | External (LS Type 5) Checksum Sum |
| OSS name | externalLsaChecksumSum |
| Read-only | yes |
| Tab Panel | Behavior Link State Advertisements |
| Type | LONG |

External (LS Type 5) Count

Table 2-1634 External (LS Type 5) Count

| Name | Value |
|----------------|------------------------------------|
| Default | yes:0 |
| Displayed name | External (LS Type 5) Count |
| OSS name | externalLsaCount |
| Read-only | yes |
| Tab Panel | Behavior Link State Advertisements |
| Type | LONG |

External LSA Limit**Table 2-1635 External LSA Limit**

| Name | Value |
|----------------|---------------------------|
| Default | yes:-1 |
| Displayed name | External LSA Limit |
| Maximum | 2147483647 |
| Minimum | -1 |
| OSS name | externalLsdbLimit |
| Read-only | no |
| Tab Panel | Behavior Overflow Control |
| Type | INT |

Graceful Restart**Table 2-1636 Graceful Restart**

| Name | Value |
|----------------|--------------------------|
| Default | yes:false |
| Displayed name | Graceful Restart |
| OSS name | gracefulRestart |
| Read-only | no |
| Tab Panel | Graceful Restart General |
| Type | generic.TruthValue |

Helper Mode**Table 2-1637 Helper Mode**

| Name | Value |
|----------------|--------------------------|
| Default | yes:false |
| Displayed name | Helper Mode |
| OSS name | grHelperMode |
| Read-only | no |
| Tab Panel | Graceful Restart General |
| Type | generic.TruthValue |

Ignore DN Bit**Table 2-1638 Ignore DN Bit**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether to ignore the DN bit for OSPF LSA packets for this instance of OSPF on the router. When ignoreDNBit has a value of 'true' the DN bit for OSPF LSA packets will be ignored. When it has a value of 'false' the DN bit will not be ignored for OSPF LSA packets." |
| Displayed name | Ignore DN Bit |
| OSS name | ignoreDNBit |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | BOOL |

Incremental External Run Count**Table 2-1639 Incremental External Run Count**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:0 |
| Displayed name | Incremental External Run Count |
| OSS name | incrementalExternalSpfRunCount |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | LONG |

Incremental Internal Run Count**Table 2-1640 Incremental Internal Run Count**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:0 |
| Displayed name | Incremental Internal Run Count |
| OSS name | incrementalInternalSpfRunCount |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | LONG |

Incremental SPF Wait**Table 2-1641 Incremental SPF Wait**

| Name | Value |
|----------------|--|
| Default | yes:1000 |
| Description | The value of incrSpfWait defines the internal OSPF delay before an incremental SPF calculation is performed. |
| Displayed name | Incremental SPF Wait |
| Maximum | 1000 |
| Minimum | 0 |
| OSS name | incrSpfWait |
| Read-only | no |
| Tab Panel | Dijkstra Configuration |
| Type | INT |
| Units | milliseconds |

Initial Wait**Table 2-1642 Initial Wait**

| Name | Value |
|----------------|------------------------|
| Default | yes:5000 |
| Displayed name | Initial Wait |
| Maximum | 600000 |
| Minimum | 10 |
| OSS name | IsaGenerateInitialWait |
| Read-only | no |
| Tab Panel | Dijkstra Configuration |
| Type | INT |
| Units | milliseconds |

Initial Wait**Table 2-1643 Initial Wait**

| Name | Value |
|----------------|--------------|
| Default | yes:1000 |
| Displayed name | Initial Wait |

Table 2-1643 Initial Wait (continued)

| Name | Value |
|-------------|------------------------|
| Maximum | 100000 |
| Minimum | 10 |
| OSS name | spfInitialWait |
| Read-only | no |
| Tab Panel | Dijkstra Configuration |
| Type | INT |
| Units | milliseconds |

Instance ID**Table 2-1644 Instance ID**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Identifies a specific instance of a version of the OSPF protocol running in the router instance specified by the routerId. |
| Displayed name | Instance ID |
| Maximum | 95 |
| Minimum | 0 |
| OSS name | instanceIndex |
| Read-only | no |
| Tab Panel | General OSPF Instance |
| Type | LONG |

Interface Base Reference Cost**Table 2-1645 Interface Base Reference Cost**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:100000000 |
| Displayed name | Interface Base Reference Cost |
| Maximum | 100000000 |
| Minimum | 1 |
| OSS name | ifBaseRefCost |
| Read-only | no |

Table 2-1645 Interface Base Reference Cost (continued)

| Name | Value |
|-------------|--|
| Tab Panel | Behavior Interface Base Reference Cost |
| Type | LONG |
| Units | Kb/s |

Internal

Table 2-1646 Internal

| Name | Value |
|----------------|----------------------------|
| Default | yes:10 |
| Displayed name | Internal |
| Maximum | 255 |
| Minimum | 1 |
| OSS name | internalPreference |
| Read-only | no |
| Tab Panel | Behavior Route Preferences |
| Type | INT |

Last Overload Entered Code

Table 2-1647 Last Overload Entered Code

| Name | Value |
|----------------|----------------------------|
| Default | yes:none |
| Displayed name | Last Overload Entered Code |
| OSS name | overloadLastEnterCode |
| Read-only | yes |
| Tab Panel | Overload General |
| Type | INT |

Last Overload Entered Time

Table 2-1648 Last Overload Entered Time

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 2-1648 Last Overload Entered Time (continued)

| Name | Value |
|----------------|----------------------------|
| Displayed name | Last Overload Entered Time |
| OSS name | overloadLastEnteredTime |
| Read-only | yes |
| Tab Panel | Overload General |
| Type | DATE |

Last Overload Exit Code**Table 2-1649 Last Overload Exit Code**

| Name | Value |
|----------------|-------------------------|
| Default | yes:none |
| Displayed name | Last Overload Exit Code |
| OSS name | overloadLastExitCode |
| Read-only | yes |
| Tab Panel | Overload General |
| Type | INT |

Last Overload Exit Time**Table 2-1650 Last Overload Exit Time**

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | Last Overload Exit Time |
| OSS name | overloadLastExitTime |
| Read-only | yes |
| Tab Panel | Overload General |
| Type | DATE |

Last Time Enabled**Table 2-1651 Last Time Enabled**

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 2-1651 Last Time Enabled (continued)

| Name | Value |
|----------------|-------------------|
| Displayed name | Last Time Enabled |
| OSS name | lastEnabledTime |
| Read-only | yes |
| Tab Panel | General State |
| Type | DATE |

Last Time Full SPF LFA Ran**Table 2-1652 Last Time Full SPF LFA Ran**

| Name | Value |
|----------------|--|
| Description | The value of lastLfaRunTime indicates the time at which the system last performed a LFA SPF run. |
| Displayed name | Last Time Full SPF LFA Ran |
| OSS name | lastLfaRunTime |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | DATE |

Last Time Full SPF Ran**Table 2-1653 Last Time Full SPF Ran**

| Name | Value |
|----------------|------------------------|
| Default | yes:0 |
| Displayed name | Last Time Full SPF Ran |
| OSS name | lastFullSpfRunTime |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | DATE |

Last Time Ran**Table 2-1654 Last Time Ran**

| Name | Value |
|----------------|------------------------|
| Default | yes:0 |
| Displayed name | Last Time Ran |
| OSS name | lastExternalSpfRunTime |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | DATE |

LDP Over RSVP Include**Table 2-1655 LDP Over RSVP Include**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | The value of tmnxOspfLdpOverRsvp specifies whether LDP-over-RSVP feature is enabled or disabled for a specific OSPF instance. When enabled, OSPF will select the endpoint that is closest to the destination for further selection of LDP-over-RSVP tunnels to that endpoint. |
| Displayed name | LDP Over RSVP Include |
| OSS name | ldpOverRsvp |
| Read-only | no |
| Tab Panel | Behavior OSPFv2 |
| Type | BOOL |

Loop-free Alternate**Table 2-1656 Loop-free Alternate**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | The value of loopfreeAlternate specifies whether to enable or disable IP fast re-route capability for OSPF. |
| Displayed name | Loop-free Alternate |
| OSS name | loopfreeAlternate |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | BOOL |

LSA Accumulate

Table 2-1657 LSA Accumulate

| Name | Value |
|----------------|---|
| Default | yes:1000 |
| Description | The value of IsaAccumulate defines the accumulation delay for multiple LSA's. |
| Displayed name | LSA Accumulate |
| Maximum | 1000 |
| Minimum | 0 |
| OSS name | IsaAccumulate |
| Read-only | no |
| Tab Panel | Dijkstra Configuration |
| Type | INT |
| Units | milliseconds |

LSA Arrival Wait

Table 2-1658 LSA Arrival Wait

| Name | Value |
|----------------|------------------------|
| Default | yes:1000 |
| Displayed name | LSA Arrival Wait |
| Maximum | 600000 |
| Minimum | 0 |
| OSS name | IsaArrivalWait |
| Read-only | no |
| Tab Panel | Dijkstra Configuration |
| Type | INT |
| Units | milliseconds |

LSA Generate Max Wait

Table 2-1659 LSA Generate Max Wait

| Name | Value |
|----------------|-----------------------|
| Default | yes:5000 |
| Displayed name | LSA Generate Max Wait |
| Maximum | 600000 |

Table 2-1659 LSA Generate Max Wait (continued)

| Name | Value |
|-------------|------------------------|
| Minimum | 10 |
| OSS name | lsaGenerateMaxWait |
| Read-only | no |
| Tab Panel | Dijkstra Configuration |
| Type | INT |
| Units | milliseconds |

LSDB Overflow State**Table 2-1660 LSDB Overflow State**

| Name | Value |
|----------------|---------------------------|
| Default | yes:false |
| Displayed name | LSDB Overflow State |
| OSS name | isInOverflowState |
| Read-only | yes |
| Tab Panel | Behavior Overflow Control |
| Type | BOOL |

Maximum Run Time**Table 2-1661 Maximum Run Time**

| Name | Value |
|----------------|---------------------|
| Default | yes:0 |
| Displayed name | Maximum Run Time |
| Maximum | 2147483647 |
| Minimum | 0 |
| OSS name | maximumSpfRunTime |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | INT |
| Units | 1/100 s |

Minimum Run Time**Table 2-1662 Minimum Run Time**

| Name | Value |
|----------------|---------------------|
| Default | yes:0 |
| Displayed name | Minimum Run Time |
| Maximum | 2147483647 |
| Minimum | 0 |
| OSS name | minimumSpfRunTime |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | INT |
| Units | 1/100 s |

Most Recent Full SPF Run Time**Table 2-1663 Most Recent Full SPF Run Time**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:0 |
| Displayed name | Most Recent Full SPF Run Time |
| Maximum | 2147483647 |
| Minimum | 0 |
| OSS name | mostRecentFullSpfRunTime |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | INT |
| Units | 1/100 s |

Most Recent Run Time**Table 2-1664 Most Recent Run Time**

| Name | Value |
|----------------|----------------------|
| Default | yes:0 |
| Displayed name | Most Recent Run Time |
| Maximum | 2147483647 |
| Minimum | 0 |

Table 2-1664 Most Recent Run Time (continued)

| Name | Value |
|-------------|------------------------------|
| OSS name | mostRecentExternalSpfRunTime |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | INT |
| Units | 1/100 s |

Multicast Import**Table 2-1665 Multicast Import**

| Name | Value |
|----------------|------------------|
| Default | yes:false |
| Displayed name | Multicast Import |
| OSS name | multicastImport |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | BOOL |

Name**Table 2-1666 Name**

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | STRING |

Number of Full LFA Runs

Table 2-1667 Number of Full LFA Runs

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The value of fullLfaRunCount indicates the total number of times that complete LFA SPF has been run on the router since OSPF was last enabled. |
| Displayed name | Number of Full LFA Runs |
| OSS name | fullLfaRunCount |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | LONG |

Number Of Full SPF Runs

Table 2-1668 Number Of Full SPF Runs

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | Number Of Full SPF Runs |
| OSS name | fullSpfRunCount |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | LONG |

Number Of Runs

Table 2-1669 Number Of Runs

| Name | Value |
|----------------|---------------------|
| Default | yes:0 |
| Displayed name | Number Of Runs |
| OSS name | spfRunCount |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | LONG |

Opaque LSA Support**Table 2-1670 Opaque LSA Support**

| Name | Value |
|----------------|--------------------|
| Default | yes:true |
| Displayed name | Opaque LSA Support |
| OSS name | opaqueLsaSupport |
| Read-only | no |
| Tab Panel | Behavior OSPFv2 |
| Type | generic.TruthValue |

Operational State**Table 2-1671 Operational State**

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General State |
| Type | OperationalState |

OSPF Operational Router ID**Table 2-1672 OSPF Operational Router ID**

| Name | Value |
|----------------|---|
| Default | yes:0.0.0.0 |
| Description | identifies uniquely the router in the Autonomous System. The default OSPF instance will use the value specified by tmnxOspfRouterId or as one of the router's IPv4 host addresses. For the non-default instances of OSPF, this is the same value as tmnxOspfRouterId (where the default is invalid), which must be specified before the OSPF instance can become operational. |
| Displayed name | OSPF Operational Router ID |
| Maximum | 50 |
| OSS name | ospfOperRouterId |
| Read-only | yes |
| Tab Panel | General OSPF Instance |

Table 2-1672 OSPF Operational Router ID (continued)

| Name | Value |
|------|--------|
| Type | STRING |

OSPF Router ID**Table 2-1673 OSPF Router ID**

| Name | Value |
|----------------|---|
| Default | yes:0.0.0.0 |
| Description | identifies uniquely the router in the Autonomous System. By default it assumes the value of one of the router's IPv4 host addresses, if IPv4 is configured on the router. |
| Displayed name | OSPF Router ID |
| OSS name | ospfRouterId |
| Read-only | no |
| Tab Panel | General OSPF Instance |
| Type | INETADDR |

Overload Enabled**Table 2-1674 Overload Enabled**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:false |
| Displayed name | Overload Enabled |
| OSS name | overloadAdministrativeState |
| Read-only | no |
| Tab Panel | Overload General |
| Type | BOOL |

Overload External Metric-Type 2**Table 2-1675 Overload External Metric-Type 2**

| Name | Value |
|-------------|--|
| Default | yes:false |
| Description | The value of overloadExt2 specifies if the OSPF external prefixes with metric-type 2, should be advertised with a maximum metric value when the system goes into overload state for any reason. If the value is 'true', the system uses the maximum metric value |

Table 2-1675 Overload External Metric-Type 2 (continued)

| Name | Value |
|----------------|---------------------------------|
| Displayed name | Overload External Metric-Type 2 |
| OSS name | overloadExt2 |
| Read-only | no |
| Tab Panel | Overload General |
| Type | BOOL |

Overload Interval

Table 2-1676 Overload Interval

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Overload Interval |
| Maximum | 1800 |
| Minimum | 0 |
| OSS name | overloadInterval |
| Read-only | no |
| Tab Panel | Overload General |
| Type | INT |
| Units | seconds |

Overload State

Table 2-1677 Overload State

| Name | Value |
|----------------|--------------------------|
| Default | yes:noOverload |
| Displayed name | Overload State |
| OSS name | overloadOperationalState |
| Read-only | yes |
| Tab Panel | Overload General |
| Type | INT |

Overload Stubs**Table 2-1678 Overload Stubs**

| Name | Value |
|----------------|------------------|
| Default | yes:false |
| Displayed name | Overload Stubs |
| OSS name | overloadStubs |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | BOOL |

Redistribute Delay**Table 2-1679 Redistribute Delay**

| Name | Value |
|----------------|---|
| Default | yes:1000 |
| Description | The value of redistDelay defines the internal OSPF hold down timer for external routes being redistributed into OSPF. |
| Displayed name | Redistribute Delay |
| Maximum | 1000 |
| Minimum | 0 |
| OSS name | redistDelay |
| Read-only | no |
| Tab Panel | Dijkstra Configuration |
| Type | INT |
| Units | milliseconds |

RFC1583 Compatible**Table 2-1680 RFC1583 Compatible**

| Name | Value |
|----------------|---------------------|
| Default | yes:true |
| Displayed name | RFC1583 Compatible |
| OSS name | isRFC1583Compatible |
| Read-only | no |
| Tab Panel | Behavior OSPFv2 |

Table 2-1680 RFC1583 Compatible (continued)

| Name | Value |
|------|-------|
| Type | BOOL |

Routing Instance ID**Table 2-1681 Routing Instance ID**

| Name | Value |
|----------------|--------------------------|
| Default | yes:1 |
| Displayed name | Routing Instance ID |
| Maximum | 10240 |
| Minimum | 1 |
| OSS name | routerId |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | INT |

Routing Instance Name**Table 2-1682 Routing Instance Name**

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Routing Instance Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | routerName |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | STRING |

RSVP Shortcut Enabled**Table 2-1683 RSVP Shortcut Enabled**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 2-1683 RSVP Shortcut Enabled (continued)

| Name | Value |
|----------------|---|
| Description | The value of tmnxOspfRsvpShortcut indicates whether RSVP-TE shortcut for resolving IGP routes has been enabled or disabled for OSPF. When the value of tmnxOspfRsvpShortcut is set to true RSVP-TE shortcut is enabled and when tmnxOspfRsvpShortcut is set to false RSVP-TE shortcut is disabled for OSPF. |
| Displayed name | RSVP Shortcut Enabled |
| OSS name | rsvpShortcut |
| Read-only | no |
| Tab Panel | Behavior OSPFv2 |
| Type | BOOL |

Second Wait**Table 2-1684 Second Wait**

| Name | Value |
|----------------|------------------------|
| Default | yes:5000 |
| Displayed name | Second Wait |
| Maximum | 600000 |
| Minimum | 10 |
| OSS name | IsaGenerateSecondWait |
| Read-only | no |
| Tab Panel | Dijkstra Configuration |
| Type | INT |
| Units | milliseconds |

Second Wait**Table 2-1685 Second Wait**

| Name | Value |
|----------------|---------------|
| Default | yes:1000 |
| Displayed name | Second Wait |
| Maximum | 100000 |
| Minimum | 10 |
| OSS name | spfSecondWait |
| Read-only | no |

Table 2-1685 Second Wait (continued)

| Name | Value |
|-------------|------------------------|
| Tab Panel | Dijkstra Configuration |
| Type | INT |
| Units | milliseconds |

Site ID**Table 2-1686 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 2-1687 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

SPF Max Wait**Table 2-1688 SPF Max Wait**

| Name | Value |
|---------|-----------|
| Default | yes:10000 |

Table 2-1688 SPF Max Wait (continued)

| Name | Value |
|----------------|------------------------|
| Displayed name | SPF Max Wait |
| Maximum | 120000 |
| Minimum | 10 |
| OSS name | spfMaxWait |
| Read-only | no |
| Tab Panel | Dijkstra Configuration |
| Type | INT |
| Units | milliseconds |

Stub Router Support**Table 2-1689 Stub Router Support**

| Name | Value |
|----------------|---------------------|
| Default | yes:true |
| Displayed name | Stub Router Support |
| OSS name | stubRouterSupport |
| Read-only | yes |
| Tab Panel | General Type |
| Type | BOOL |

Super-Backbone**Table 2-1690 Super-Backbone**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | The value of tnnxOspfSuperBackBone specifies whether CE-PE functionality is required or not. tnnxOspfSuperBackBone indicates the type of the LSA generated as a result of routes redistributed into OSPF. When the value is set to 'true' the redistributed routes are injected as summary, external or NSSA LSAs. When the value is set to 'false' the redistributed routes are injected as either external or NSSA LSAs only. |
| Displayed name | Super-Backbone |
| OSS name | superBackBone |
| Read-only | no |
| Tab Panel | OSPF Super-Backbone General |

Table 2-1690 Super-Backbone (continued)

| Name | Value |
|------|--------------------|
| Type | generic.TruthValue |

Suppress DN Bit**Table 2-1691 Suppress DN Bit**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | specifies whether to suppress the setting of the DN bit for OSPF LSA packets generated by this instance of OSPF on the router. When suppressDNBit has a value of 'true' the DN bit for OSPF LSA packets generated by this instance of the OSPF router will not be set. When it has a value of 'false' this instance of the OSPF router will follow the normal procedure to determine whether to set the DN bit. |
| Displayed name | Suppress DN Bit |
| OSS name | suppressDNBit |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | BOOL |

Time Entered**Table 2-1692 Time Entered**

| Name | Value |
|----------------|---------------------------|
| Default | yes:0 |
| Displayed name | Time Entered |
| OSS name | lastOverflowEnteredTime |
| Read-only | yes |
| Tab Panel | Behavior Overflow Control |
| Type | DATE |

Time of Exit**Table 2-1693 Time of Exit**

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 2-1693 Time of Exit (continued)

| Name | Value |
|----------------|---------------------------|
| Displayed name | Time of Exit |
| OSS name | lastOverflowExitTime |
| Read-only | yes |
| Tab Panel | Behavior Overflow Control |
| Type | DATE |

Total Exported Routes**Table 2-1694 Total Exported Routes**

| Name | Value |
|----------------|---|
| Description | The value of tmnxOspfTotalExportedRoutes indicates the total number of routes exported into OSPF from the route table manager when an export policy is configured. Value of tmnxOspfTotalExportedRoutes would be 0 when no export policy is configured. |
| Displayed name | Total Exported Routes |
| OSS name | exportedRoutes |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | LONG |

Traffic Engineering Support**Table 2-1695 Traffic Engineering Support**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:true |
| Displayed name | Traffic Engineering Support |
| OSS name | trafficEngineeringSupport |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | generic.TruthValue |

Unicast Import**Table 2-1696 Unicast Import**

| Name | Value |
|----------------|------------------|
| Default | yes:true |
| Displayed name | Unicast Import |
| OSS name | unicastImport |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | BOOL |

Unknown AS-Scope Checksum Sum**Table 2-1697 Unknown AS-Scope Checksum Sum**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:0 |
| Displayed name | Unknown AS-Scope Checksum Sum |
| OSS name | unknownLsaChecksumSum |
| Read-only | yes |
| Tab Panel | Behavior Link State Advertisements |
| Type | LONG |

Unknown AS-Scope Count**Table 2-1698 Unknown AS-Scope Count**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:0 |
| Displayed name | Unknown AS-Scope Count |
| OSS name | unknownLsaCount |
| Read-only | yes |
| Tab Panel | Behavior Link State Advertisements |
| Type | LONG |

Version**Table 2-1699 Version**

| Name | Value |
|-----------------------|--------------------------|
| Default | yes:v2 |
| Displayed name | Version |
| Mandatory on creation | yes |
| OSS name | version |
| Read-only | no |
| Tab Panel | General OSPF Instance |
| Type | ospf.ProtocolVersionEnum |

VPN Domain ID**Table 2-1700 VPN Domain ID**

| Name | Value |
|----------------|--|
| Default | yes:0000.0000.0000 |
| Description | The value of tmnxOspfVpnDomainId specifies the OSPF VPN Domain. This is exchanged using BGP in the extended community attribute associated with a prefix. This object applies to VPRN instances of OSPF only. An attempt to modify the value of this object will result in an 'inconsistentValue' error when the vRtrID index for this row entry is not a VPRN instance. |
| Displayed name | VPN Domain ID |
| Maximum | 14 |
| Minimum | 0 |
| OSS name | vpnDomainId |
| Read-only | no |
| Tab Panel | OSPF Super-Backbone General |
| Type | STRING |
| Units | hex |

VPN Domain Type**Table 2-1701 VPN Domain Type**

| Name | Value |
|---------|--------------|
| Default | yes:type0000 |

Table 2-1701 VPN Domain Type (continued)

| Name | Value |
|--------------------------|---|
| Description | The value of <code>tmnxOspfVpnDomainType</code> specifies type of the extended community attribute exchanged using BGP to carry the OSPF VPN Domain ID. This object applies to VPRN instances of OSPF only. An attempt to modify the value of this object will result in an 'inconsistentValue' error when the <code>vRtrID</code> index for this row entry is not a VPRN instance. |
| Displayed name | VPN Domain Type |
| OSS name | <code>vpnDomainType</code> |
| Read-only | no |
| Tab Panel | OSPF Super-Backbone General |
| Type | <code>VpnDomainTypes</code> |
| Enumerated types: | |
| | 0005 |
| | 0105 |
| | 0205 |
| | 8005 |
| | None |

VPN Tag

Table 2-1702 VPN Tag

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The value of <code>tmnxOspfVpnTag</code> specifies the route tag for an OSPF VPN on a PE router. This field is set in the tag field of the OSPF external LSAs generated by the PE. This is mainly used to prevent routing loops. This object applies to VPRN instances of OSPF only. An attempt to modify the value of this object will result in an 'inconsistentValue' error when the <code>vRtrID</code> index for this row entry is not a VPRN instance |
| Displayed name | VPN Tag |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | <code>vpnTag</code> |
| Read-only | no |
| Tab Panel | OSPF Super-Backbone General |
| Type | LONG |

OTS parameters

Administrative State

Table 2-1703 Administrative State

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Administrative state of the interface. It may be used to suppress the alarms or disable consequent actions on the entity. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.XcState |

Alarm Profile

Table 2-1704 Alarm Profile

| Name | Value |
|----------------|---------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Assigned Rate

Table 2-1705 Assigned Rate

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Ctp ID**Table 2-1706 Ctp ID**

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Layer Type**Table 2-1707 Layer Type**

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.LayerType |

Management Access Domain**Table 2-1708 Management Access Domain**

| Name | Value |
|----------------|--------------------------|
| Default | yes:unknown |
| Displayed name | Management Access Domain |
| OSS name | mgmtAccessDomain |
| Read-only | yes |
| Tab Panel | General General |
| Type | oth.MgmtAccessDomains |

Name

Table 2-1709 Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Operational State

Table 2-1710 Operational State

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:unknown |
| Description | Operational state of the interface. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.XcState |

Primary State

Table 2-1711 Primary State

| Name | Value |
|----------------|--------------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.PrimaryStateType |

Secondary State

Table 2-1712 Secondary State

| Name | Value |
|----------------|----------------------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.SecondaryStateType |

Site ID

Table 2-1713 Site ID

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site ID

Table 2-1714 Site ID

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name

Table 2-1715 Site Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name

Table 2-1716 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Up Link Facility

Table 2-1717 Up Link Facility

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Up Link Facility |
| OSS name | upLinkFacility |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

OTU Trail parameters

A to Z

Table 2-1718 A to Z

| Name | Value |
|--------------------------|---|
| Description | Indicates which trail path is the active one in the AZ direction. |
| Displayed name | A to Z |
| OSS name | activePathAZ |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

A-Z OTU Expected TTI

Table 2-1719 A-Z OTU Expected TTI

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:N/A |
| Description | OTU Expected TTI in the AZ direction. |
| Displayed name | A-Z OTU Expected TTI |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | otuExTtiAz |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

A-Z OTU Transmitted OS

Table 2-1720 A-Z OTU Transmitted OS

| Name | Value |
|----------------|---|
| Default | yes:N/A |
| Description | Transmitted Trail Trace Identifier (TTI), Transmit Source Access Point Identifier |
| Displayed name | A-Z OTU Transmitted OS |
| Maximum | 65 |
| Minimum | 0 |
| OSS name | txOsAz |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

A-Z OTU Transmitted TTI

Table 2-1721 A-Z OTU Transmitted TTI

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | OTU Transmitted TTI in the AZ direction. |
| Displayed name | A-Z OTU Transmitted TTI |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | otuTxTtiAz |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

Administrative State

Table 2-1722 Administrative State

| Name | Value |
|-----------------------|---|
| Default | yes:up |
| Description | The administrative state of the connection. |
| Displayed name | Administrative State |
| Mandatory on creation | yes |

Table 2-1722 Administrative State (continued)

| Name | Value |
|--------------------------|----------------------|
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionAdminState |
| Enumerated types: | |
| Automatic In-Service | |
| Blocking | |
| Down | |
| Maintenance | |
| Partially Down | |
| Standby/Backup | |
| Unknown | |
| Up | |

Bidirectional**Table 2-1723 Bidirectional**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Channel**Table 2-1724 Channel**

| Name | Value |
|----------------|---------------------|
| Default | yes:unAssigned |
| Description | ITU Channel number. |
| Displayed name | Channel |

Table 2-1724 Channel (continued)

| Name | Value |
|--------------------------|-------------|
| Mandatory on creation | yes |
| OSS name | channel |
| Read-only | no |
| Tab Panel | General OCH |
| Type | ITUChannel |
| Enumerated types: | |
| 1310 | |
| 1471 | |
| 1490 | |
| 1491 | |
| 1511 | |
| 1530 | |
| 1531 | |
| 1550 | |
| 1551 | |
| 1571 | |
| 1591 | |
| 1611 | |
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |
| 8705 | |
| 8710 | |

Table 2-1724 Channel (continued)

| Name | Value |
|------|-------|
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |
| 8870 | |
| 8875 | |

Table 2-1724 Channel (continued)

| Name | Value |
|------|-------|
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |
| 9035 | |
| 9040 | |

Table 2-1724 Channel (continued)

| Name | Value |
|------|-------|
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |
| 9200 | |
| 9205 | |

Table 2-1724 Channel (continued)

| Name | Value |
|------|-------|
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |
| 9365 | |
| 9370 | |

Table 2-1724 Channel (continued)

| Name | Value |
|------|-------|
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |
| 9530 | |
| 9535 | |

Table 2-1724 Channel (continued)

| Name | Value |
|------|-------|
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

Connection Type

Table 2-1725 Connection Type

| Name | Value |
|--------------------------|---------------------|
| Default | yes:unspecified |
| Description | Type of connection. |
| Displayed name | Connection Type |
| Mandatory on creation | yes |
| OSS name | connectionType |
| Read-only | no |
| Tab Panel | General General |
| Type | ConnectionType |
| Enumerated types: | |
| Multipoint Service Path | |
| OCH CrossConnect | |
| OCH CrossConnect Group | |

Table 2-1725 Connection Type (continued)

| Name | Value |
|----------------------------|-------|
| OCH Trail | |
| OCH Trail Path | |
| OCH Trail Path - Preview | |
| ODU Trail | |
| ODU Trail Path | |
| ODU Trail Path - Preview | |
| ODUk CrossConnect | |
| OMS Trail | |
| OMS Trail Path | |
| OT CrossConnect | |
| OTS Trail | |
| OTS Trail Path | |
| OTU Trail | |
| OTU Trail Path | |
| OTU Trail Path - Preview | |
| Port Trail | |
| Service Path | |
| Service Path - Preview | |
| Subnetwork Connection | |
| Transport Service | |
| Virtual OCH CrossConnect | |
| Virtual ODUk Cross Connect | |
| VTS CrossConnect | |

Customer

Table 2-1726 Customer

| Name | Value |
|----------------|-------------------|
| Displayed name | Customer |
| OSS name | subscriberPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Customer ID

Table 2-1727 Customer ID

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Customer ID |
| Mandatory on creation | yes |
| OSS name | subscriberId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Customer Name

Table 2-1728 Customer Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | subscriberName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

FEC Mode

Table 2-1729 FEC Mode

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | The OCh OTU FEC mode. Depending on the port rate this can be OTU1 FEC Mode/OTU2 FEC Mode/OTU3 FEC Mode/OTU4 FEC Mode. |
| Displayed name | FEC Mode |
| OSS name | otuFecMode |
| Read-only | no |
| Tab Panel | General TTI Attributes |

Table 2-1729 FEC Mode (continued)

| Name | Value |
|--------------------------|---------|
| Type | FecMode |
| Enumerated types: | |
| AFEC | |
| Disabled | |
| EFEC | |
| EFEC2 | |
| Enhanced | |
| G.709 | |
| No FEC | |
| RSFEC | |
| SDFEC | |
| UFEC | |
| Unknown | |

Force Create OCh XC

Table 2-1730 Force Create OCh XC

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates whether the OCH XC should be created by force when power commissioning provisioning state is "InProgress". |
| Displayed name | Force Create OCh XC |
| OSS name | forceXcCreate |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Operational State

Table 2-1731 Operational State

| Name | Value |
|----------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |

Table 2-1731 Operational State (continued)

| Name | Value |
|--------------------------|---------------------|
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionOperState |
| Enumerated types: | |
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

OTU TTI Comparison

Table 2-1732 OTU TTI Comparison

| Name | Value |
|--------------------------|-------------------------|
| Default | yes:unknown |
| Description | OTU TIM detection mode. |
| Displayed name | OTU TTI Comparison |
| OSS name | otuTimDetMode |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | TimDetectionMode |
| Enumerated types: | |
| DAPI | |
| Disabled | |
| Enabled | |
| SAPI | |
| SAPIDAPI | |
| Unknown | |

OTU TTI Mismatch Response

Table 2-1733 OTU TTI Mismatch Response

| Name | Value |
|--------------------------|-----------------------------|
| Default | yes:unknown |
| Description | OTU TIM consequence action. |
| Displayed name | OTU TTI Mismatch Response |
| OSS name | otuTimConsAction |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | TimConsAction |
| Enumerated types: | |
| Disabled | |
| Enabled | |
| Unknown | |

Path Preference

Table 2-1734 Path Preference

| Name | Value |
|-------------------------------------|---|
| Default | yes:working |
| Description | Indicates whether the working path or the protection path needs to be retained when Trail protection is modified to unprotected |
| Displayed name | Path Preference |
| OSS name | modifyProtectionPreference |
| Read-only | no |
| Tab Panel | General General |
| Type | ModifyProtectionPreference |
| Enumerated types: | |
| None | |
| Retain Path A1Z1 | |
| Retain Path A1Z2 | |
| Retain Path A2Z1 | |
| Retain Path A2Z2 | |
| Retain Protection Path | |
| Retain Termination Points A1 and Z1 | |

Table 2-1734 Path Preference (continued)

| Name | Value |
|-------------------------------------|-------|
| Retain Termination Points A1 and Z2 | |
| Retain Termination Points A2 and Z1 | |
| Retain Termination Points A2 and Z2 | |
| Retain Working Path | |

Plane Type

Table 2-1735 Plane Type

| Name | Value |
|-----------------------|---|
| Default | yes:MP |
| Description | - Management plane, control plane or mixed. |
| Displayed name | Plane Type |
| Mandatory on creation | yes |
| OSS name | managementDomains |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.MgmtAccessDomains |

Protection Level

Table 2-1736 Protection Level

| Name | Value |
|--------------------------|---|
| Default | yes:unprotected |
| Description | The calculated level of protection based on the underlying server OTN layers. |
| Displayed name | Protection Level |
| Mandatory on creation | yes |
| OSS name | protectionLevel |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionLevel |
| Enumerated types: | |
| Protected | |
| Segment Protected | |

Table 2-1736 Protection Level (continued)

| Name | Value |
|-------------|-------|
| Unprotected | |

Protection Type

Table 2-1737 Protection Type

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:unprotected |
| Description | Protection type of the trail. |
| Displayed name | Protection Type |
| OSS name | protection |
| Read-only | no |
| Tab Panel | General General |
| Type | TrailProtectionType |
| Enumerated types: | |
| Diverse Route | |
| OPS Protected | |
| Segment Protected | |
| SNCI Protected | |
| SNCN Protected | |
| SNCNC Protected | |
| Unprotected | |
| Y-Cable Protected | |

Rate

Table 2-1738 Rate

| Name | Value |
|-----------------------|----------------------------------|
| Description | Indicates the rate of the trail. |
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |

Table 2-1738 Rate (continued)

| Name | Value |
|--------------------------|--------------|
| Type | AssignedRate |
| Enumerated types: | |
| 100GbE LAN | |
| 10GbE LAN | |
| 1GbE | |
| 3GSDI | |
| 40GbE LAN | |
| 40GbE MLD LAN | |
| BITS | |
| CBR10G | |
| CBR10G3 | |
| CBR2G5 | |
| DCN | |
| DDR | |
| Default | |
| DVBASI | |
| DVI 6000 | |
| E1 | |
| ESCON | |
| FC100 | |
| FC1200 | |
| FC1600 | |
| FC200 | |
| FC400 | |
| FC800 | |
| FDDI | |
| FE | |
| HDSDI | |
| N/A | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |

Table 2-1738 Rate (continued)

| Name | Value |
|-------------------|-------|
| OC768 | |
| OCH | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex-3GSDI | |
| ODUFlex-40GBE MLD | |
| ODUFlex-CBR | |
| ODUFlex-DDR | |
| ODUFlex-FC1200 | |
| ODUFlex-FC1600 | |
| ODUFlex-FC400 | |
| ODUFlex-FC800 | |
| ODUFlex-GFP | |
| OMS | |
| ONETRU | |
| OPTSG | |
| OS | |
| OTL4.4 | |
| OTS | |
| OTU1 | |
| OTU1f | |
| OTU2 | |
| OTU2e | |
| OTU3 | |

Table 2-1738 Rate (continued)

| Name | Value |
|------------|-------|
| OTU3e2 | |
| OTU4 | |
| OTU4x2 | |
| SDR | |
| SDSDI | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| SubGigE | |
| TOD | |
| Unassigned | |
| Unknown | |

Regen Response

Table 2-1739 Regen Response

| Name | Value |
|--------------------------|------------------------|
| Default | yes:unknown |
| Description | Regen Response. |
| Displayed name | Regen Response |
| OSS name | regenResponse |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | LosPropagation |
| Enumerated types: | |
| LASER OFF | |
| LASER ON | |
| Unknown | |

Trail ID

Table 2-1740 Trail ID

| Name | Value |
|-----------------------|-------------------------------|
| Default | yes:0 |
| Description | Unique id for the Connection. |
| Displayed name | Trail ID |
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | connId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Trail Name

Table 2-1741 Trail Name

| Name | Value |
|----------------|-----------------------------------|
| Default | yes: |
| Description | Displayed name of the Connection. |
| Displayed name | Trail Name |
| Maximum | 256 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

TTI Format

Table 2-1742 TTI Format

| Name | Value |
|-------------|---|
| Default | yes:ascii |
| Description | The OCh OTU FEC mode. Depending on the port rate this can be OTU1 FEC Mode/OTU2 FEC Mode/OTU3 FEC Mode/OTU4 FEC Mode. |

Table 2-1742 TTI Format (continued)

| Name | Value |
|--------------------------|------------------------|
| Displayed name | TTI Format |
| OSS name | tTiPreference |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | TTIPreference |
| Enumerated types: | |
| ASCII | |
| HEX | |

Wave Key Assign Mode

Table 2-1743 Wave Key Assign Mode

| Name | Value |
|--------------------------|--------------------------|
| Default | yes:auto |
| Description | Wavekey generation mode. |
| Displayed name | Wave Key Assign Mode |
| Mandatory on creation | yes |
| OSS name | wavekeyAssignMode |
| Read-only | no |
| Tab Panel | General OCH |
| Type | WavekeySelect |
| Enumerated types: | |
| Auto Keying (NE) | |
| Auto Keying (NMS) | |
| Unkeyed | |

Z to A

Table 2-1744 Z to A

| Name | Value |
|----------------|---|
| Description | Indicates which trail path is the active one in the ZA direction. |
| Displayed name | Z to A |
| OSS name | activePathZA |

Table 2-1744 Z to A (continued)

| Name | Value |
|--------------------------|---------------------|
| Read-only | no |
| Tab Panel | General Active Path |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Z-A OTU Expected TTI

Table 2-1745 Z-A OTU Expected TTI

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:N/A |
| Description | OTU Expected TTI in the ZA direction. |
| Displayed name | Z-A OTU Expected TTI |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | otuExTtiZa |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

Z-A OTU Transmitted OS

Table 2-1746 Z-A OTU Transmitted OS

| Name | Value |
|----------------|---|
| Default | yes:N/A |
| Description | Transmitted Trail Trace Identifier (TTI), Transmit Source Access Point Identifier |
| Displayed name | Z-A OTU Transmitted OS |

Table 2-1746 Z-A OTU Transmitted OS (continued)

| Name | Value |
|-------------|------------------------|
| Maximum | 65 |
| Minimum | 0 |
| OSS name | txOsZa |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

Z-A OTU Transmitted TTI**Table 2-1747 Z-A OTU Transmitted TTI**

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | OTU Transmitted TTI in the ZA direction. |
| Displayed name | Z-A OTU Transmitted TTI |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | otuTxTtiZa |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

OTUk parameters**Administrative State****Table 2-1748 Administrative State**

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Administrative state of the interface. It may be used to suppress the alarms or disable consequent actions on the entity. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |

Table 2-1748 Administrative State (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | States General |
| Type | optical.XcState |

AINS Countdown**Table 2-1749 AINS Countdown**

| Name | Value |
|----------------|--|
| Description | Number of seconds until the OTUk AINS DebounceTime expires. {BR} If OTUk AINS is false or OTUk AINS Debounce Time is 0, the value of this attribute will be 0. |
| Displayed name | AINS Countdown |
| OSS name | ainsDebounceTimeRemaining |
| Read-only | yes |
| Tab Panel | States AINS |
| Type | STRING |
| Units | HH:MM |

AINS State**Table 2-1750 AINS State**

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Description | AINS state of the interface. |
| Displayed name | AINS State |
| OSS name | ainsState |
| Read-only | no |
| Tab Panel | States AINS |
| Type | BOOL |

AINS Timer**Table 2-1751 AINS Timer**

| Name | Value |
|----------------|--|
| Description | This attribute must be set in multiples of 60s. {BR} It is equal to System AINS Debounce Time when OTUk AINS Use System Default is true. {BR} Setting the OTUk AINS Debounce Time and OTUk AINS Use System Default to true in the same set request is restricted. {BR} Current configurable range: 1m to 96h 0m. |
| Displayed name | AINS Timer |
| OSS name | ainsDebounceTime |
| Read-only | no |
| Tab Panel | States AINS |
| Type | STRING |
| Units | HH:MM |

Alarm Profile**Table 2-1752 Alarm Profile**

| Name | Value |
|----------------|---------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Assigned Rate**Table 2-1753 Assigned Rate**

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Asymmetric Interworking Enabled**Table 2-1754 Asymmetric Interworking Enabled**

| Name | Value |
|----------------|--|
| Description | OtuK Asymmetric interworking mode.OtukAsymInterworking |
| Displayed name | Asymmetric Interworking Enabled |
| OSS name | otukAsymInterworking |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Consequent Action Loopback**Table 2-1755 Consequent Action Loopback**

| Name | Value |
|----------------|--|
| Default | yes:enabled |
| Description | Specifies whether a consequent action is performed in the context of loopback switching. |
| Displayed name | Consequent Action Loopback |
| OSS name | consActionLoopback |
| Read-only | no |
| Tab Panel | General Test/Analysis |
| Type | optical.AluWdmEnabledDisabled |

Ctp ID**Table 2-1756 Ctp ID**

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Expected DAPI**Table 2-1757 Expected DAPI**

| Name | Value |
|----------------|---|
| Description | The DAPI expected by the receiver. This object has no effect when timDetMode has the value off(1) or dapi(2). {BR} DAPI: Destination Access Point Identifier. |
| Displayed name | Expected DAPI |
| Maximum | 31 |
| Minimum | 0 |
| OSS name | expectedDapi |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

Facility Loopback**Table 2-1758 Facility Loopback**

| Name | Value |
|----------------|-----------------------|
| Description | Facility Loopback. |
| Displayed name | Facility Loopback |
| OSS name | facilityLoopback |
| Read-only | no |
| Tab Panel | General Test/Analysis |
| Type | BOOL |

FEC Enabled**Table 2-1759 FEC Enabled**

| Name | Value |
|----------------|--|
| Description | Forward Error Correction Enabled Mode. |
| Displayed name | FEC Enabled |
| OSS name | fecEnable |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.FecEnable |

FEC Mode

Table 2-1760 FEC Mode

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Specifies what type of Forward Error Correction (FEC) has been enabled on the port. |
| Displayed name | FEC Mode |
| OSS name | fecMode |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.FecMode |

Incoming DAPI

Table 2-1761 Incoming DAPI

| Name | Value |
|----------------|---------------|
| Displayed name | Incoming DAPI |
| OSS name | rxDapi |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | STRING |

Incoming OS

Table 2-1762 Incoming OS

| Name | Value |
|----------------|-------------|
| Displayed name | Incoming OS |
| OSS name | rxOs |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | STRING |

Incoming SAPI**Table 2-1763 Incoming SAPI**

| Name | Value |
|----------------|---------------|
| Displayed name | Incoming SAPI |
| OSS name | rxSapi |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | STRING |

Incoming TTI Status**Table 2-1764 Incoming TTI Status**

| Name | Value |
|----------------|---------------------|
| Displayed name | Incoming TTI Status |
| OSS name | incTtiStatus |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | STRING |

Layer Type**Table 2-1765 Layer Type**

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.LayerType |

Management Access Domain**Table 2-1766 Management Access Domain**

| Name | Value |
|---------|-------------|
| Default | yes:unknown |

Table 2-1766 Management Access Domain (continued)

| Name | Value |
|--------------------------|---|
| Description | Management Access Domain determines how the facility is managed (i.e. to which manager assigned). |
| Displayed name | Management Access Domain |
| OSS name | mgmtAccessDomain |
| Read-only | yes |
| Tab Panel | General General |
| Type | MgmtAccessDomains |
| Enumerated types: | |
| Control Plane | |
| Management Plane | |
| Mixed Plane | |
| None | |

Name

Table 2-1767 Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Operational Capability

Table 2-1768 Operational Capability

| Name | Value |
|----------------|------------------------|
| Default | yes:disabled |
| Displayed name | Operational Capability |
| OSS name | operationalCapability |
| Read-only | yes |

Table 2-1768 Operational Capability (continued)

| Name | Value |
|-------------|-------------------------------|
| Tab Panel | States General |
| Type | optical.OperationalCapability |

Operational State

Table 2-1769 Operational State

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:unknown |
| Description | Operational state of the interface. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.XcState |

OTU Expected TTI

Table 2-1770 OTU Expected TTI

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Description | OTU Expected TTI. |
| Displayed name | OTU Expected TTI |
| Maximum | 31 |
| Minimum | 0 |
| OSS name | exTti |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

OTU Incoming TTI**Table 2-1771 OTU Incoming TTI**

| Name | Value |
|----------------|-------------------|
| Description | OTU incoming TTI. |
| Displayed name | OTU Incoming TTI |
| OSS name | incomingTti |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | STRING |

OTU Rate**Table 2-1772 OTU Rate**

| Name | Value |
|----------------|---|
| Description | Otu Rate displayed as a numeric value. Example : 10.709 |
| Displayed name | OTU Rate |
| OSS name | rate |
| Read-only | yes |
| Tab Panel | General General |
| Type | optical.OtuRate |
| Units | Gbps |

OTU Transmitted TTI**Table 2-1773 OTU Transmitted TTI**

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Description | OTU Transmitted TTI. |
| Displayed name | OTU Transmitted TTI |
| Maximum | 31 |
| Minimum | 0 |
| OSS name | txTti |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

OTU TTI Comparison

Table 2-1774 OTU TTI Comparison

| Name | Value |
|----------------|--------------------------|
| Description | OTU TIM detection mode. |
| Displayed name | OTU TTI Comparison |
| OSS name | timDetMode |
| Read-only | no |
| Tab Panel | General TTI |
| Type | optical.TimDetectionMode |

OTU TTI Mismatch Response

Table 2-1775 OTU TTI Mismatch Response

| Name | Value |
|----------------|-----------------------------|
| Description | OTU TIM consequence action. |
| Displayed name | OTU TTI Mismatch Response |
| OSS name | timActEnabled |
| Read-only | no |
| Tab Panel | General TTI |
| Type | BOOL |

OTU TTI Status

Table 2-1776 OTU TTI Status

| Name | Value |
|----------------|-------------------|
| Description | OTU TTI status. |
| Displayed name | OTU TTI Status |
| OSS name | tTiStatus |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | optical.TtiStatus |

Post-FEC BER

Table 2-1777 Post-FEC BER

| Name | Value |
|----------------|-----------------|
| Displayed name | Post-FEC BER |
| OSS name | postFecBER |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Pre-FEC BER

Table 2-1778 Pre-FEC BER

| Name | Value |
|----------------|-----------------|
| Displayed name | Pre-FEC BER |
| OSS name | preFecBER |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Primary State

Table 2-1779 Primary State

| Name | Value |
|----------------|--------------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.PrimaryStateType |

Secondary State

Table 2-1780 Secondary State

| Name | Value |
|---------|-----------------|
| Default | yes:unspecified |

Table 2-1780 Secondary State (continued)

| Name | Value |
|----------------|----------------------------|
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.SecondaryStateType |

Signal Degrade Burst Interval

Table 2-1781 Signal Degrade Burst Interval

| Name | Value |
|----------------|---|
| Description | Burst Interval specifies the number of consecutive bad seconds (see parameter BRSTTH) to be detected before declaring a signal degrade defect (SDBER) on the ODU path layer. The defect is cleared if BRSTINTVL consecutive good seconds (see parameter BRSTTH) are detected. |
| Displayed name | Signal Degrade Burst Interval |
| Maximum | 10 |
| Minimum | 2 |
| OSS name | signalDegradeBurstInterval |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Signal Degrade Burst Threshold

Table 2-1782 Signal Degrade Burst Threshold

| Name | Value |
|----------------|--|
| Description | Burst Threshold specifies a number of errored blocks on the ODU path layer. A second is declared as good if the number of detected errored blocks within one second is less than BRSTTH; otherwise the second is declared as bad second. |
| Displayed name | Signal Degrade Burst Threshold |
| Maximum | 856388 |
| Minimum | 1 |
| OSS name | signalDegradeBurstThreshold |
| Read-only | no |
| Tab Panel | General General |

Table 2-1782 Signal Degrade Burst Threshold (continued)

| Name | Value |
|------|-------|
| Type | INT |

Site ID

Table 2-1783 Site ID

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site ID

Table 2-1784 Site ID

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name

Table 2-1785 Site Name

| Name | Value |
|----------------|-----------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |

Table 2-1785 Site Name (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name

Table 2-1786 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

State Qualifier

Table 2-1787 State Qualifier

| Name | Value |
|----------------|------------------------|
| Displayed name | State Qualifier |
| OSS name | stateQualifier |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.StateQualifier |

TCA Profile

Table 2-1788 TCA Profile

| Name | Value |
|----------------|-------------------|
| Displayed name | TCA Profile |
| OSS name | tcaProfilePointer |

Table 2-1788 TCA Profile (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Terminal Loopback**Table 2-1789 Terminal Loopback**

| Name | Value |
|----------------|-----------------------|
| Description | Terminal Loopback. |
| Displayed name | Terminal Loopback |
| OSS name | terminalLoopback |
| Read-only | no |
| Tab Panel | General Test/Analysis |
| Type | BOOL |

Transmit DAPI**Table 2-1790 Transmit DAPI**

| Name | Value |
|----------------|--|
| Description | Transmitted Trail Trace Identifier (TTI), Transmit Destination Access Point Identifier |
| Displayed name | Transmit DAPI |
| Maximum | 31 |
| Minimum | 0 |
| OSS name | txDapi |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

Transmit OS**Table 2-1791 Transmit OS**

| Name | Value |
|-------------|---|
| Description | Transmitted Trail Trace Identifier (TTI), Transmit Source Access Point Identifier |

Table 2-1791 Transmit OS (continued)

| Name | Value |
|----------------|-------------|
| Displayed name | Transmit OS |
| Maximum | 65 |
| Minimum | 0 |
| OSS name | txOs |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

Use System AINS Timer

Table 2-1792 Use System AINS Timer

| Name | Value |
|----------------|--|
| Description | Using System AINS Debounce Time. Sets with a value of false are restricted. {BR} The network operator must set OTUk AINS Debounce Time to some valid value to disable the use of System AINS Debounce Time. {BR} Setting the OTUk AINS Debounce Time and OTUk AINS Use System Default to true in the same set request is restricted. |
| Displayed name | Use System AINS Timer |
| OSS name | usingSysAinsDebounceTime |
| Read-only | no |
| Tab Panel | States AINS |
| Type | BOOL |

Physical Port parameters

Access Domain

Table 2-1793 Access Domain

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Management Access Domain determines how the facility is managed (i.e. to which manager assigned). |
| Displayed name | Access Domain |
| OSS name | mgmtAccessDomain |
| Read-only | yes |

Table 2-1793 Access Domain (continued)

| Name | Value |
|-------------|---------------------------|
| Tab Panel | Port Specifics.General OT |
| Type | oth.MgmtAccessDomains |

Access Weight

Table 2-1794 Access Weight

| Name | Value |
|----------------|---|
| Default | yes:50 |
| Displayed name | Access Weight |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | egressAccessWeight |
| Read-only | no |
| Tab Panel | General Hybrid Egress Buffer Allocation |
| Type | INT |

Access Weight

Table 2-1795 Access Weight

| Name | Value |
|----------------|--|
| Default | yes:50 |
| Displayed name | Access Weight |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | ingressAccessWeight |
| Read-only | no |
| Tab Panel | General Hybrid Ingress Buffer Allocation |
| Type | INT |

Accounting Policy

Table 2-1796 Accounting Policy

| Name | Value |
|----------------|-------------------------------|
| Default | yes: |
| Displayed name | Accounting Policy |
| OSS name | accountingPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Accounting |
| Type | POINTER |

Accounting Policy

Table 2-1797 Accounting Policy

| Name | Value |
|----------------|--------------------------------------|
| Default | yes: |
| Displayed name | Accounting Policy |
| OSS name | etherAccountingPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Ethernet Accounting |
| Type | POINTER |

Actual Module Type

Table 2-1798 Actual Module Type

| Name | Value |
|----------------|--------------------------------|
| Description | The actual XFP or SFP type. |
| Displayed name | Actual Module Type |
| OSS name | actualPortXfpType |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | XfpType |

Actual Speed**Table 2-1799 Actual Speed**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Actual Speed |
| OSS name | actualSpeed |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |
| Units | kbps |

Actual Tilt**Table 2-1800 Actual Tilt**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | Applies to the signal port of the amplifier card. |
| Displayed name | Actual Tilt |
| OSS name | ampPortActualtilt |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Actual Tilt**Table 2-1801 Actual Tilt**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | Applies to the signal port of the amplifier card. |
| Displayed name | Actual Tilt |
| OSS name | ampPortActualtilt |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |

Table 2-1801 Actual Tilt (continued)

| Name | Value |
|-------|-------|
| Units | dB |

Add

Table 2-1802 Add

| Name | Value |
|----------------|---|
| Default | yes:unspecified |
| Description | The current disposition of the port in the AD to SIG direction. |
| Displayed name | Add |
| OSS name | currentAddDisposition |
| Read-only | no |
| Tab Panel | Port Specifics.General AD Port Details |
| Type | AddDropDisposition |

Add Path Wavelength Tracker Decoder Usage

Table 2-1803 Add Path Wavelength Tracker Decoder Usage

| Name | Value |
|----------------|---|
| Description | The type of WTD used ingress. |
| Displayed name | Add Path Wavelength Tracker Decoder Usage |
| OSS name | powerMgmtWtdUsageTypeIn |
| Read-only | no |
| Tab Panel | Port Specifics.General Wavelength Tracker Decoder Usage |
| Type | WtdUsageType |

Additional Operational State

Table 2-1804 Additional Operational State

| Name | Value |
|----------------|------------------------------|
| Default | yes:portUnknown |
| Displayed name | Additional Operational State |
| OSS name | additionalOperState |
| Read-only | yes |

Table 2-1804 Additional Operational State (continued)

| Name | Value |
|--------------------------|------------------|
| Tab Panel | States General |
| Type | OperationalState |
| Enumerated types: | |
| Booting | |
| Degraded | |
| Diagnosing | |
| Disabled | |
| Down | |
| Downgrade | |
| Empty | |
| Enabled | |
| Failed | |
| In Service Downgrade | |
| In Service Upgrade | |
| Indeterminate | |
| Invalid Connection | |
| No Link | |
| Not Present | |
| Not Relevant | |
| Provisioned | |
| Reserved | |
| Reset Pending | |
| Shutting Down | |
| Soft Reset | |
| Testing | |
| Transition | |
| Unknown | |
| Unprovisioned | |
| Unsupported SFF | |
| Up | |
| Upgrade | |

Administrative State

Table 2-1805 Administrative State

| Name | Value |
|--------------------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General Equipment |
| Type | AdministrativeState |
| Enumerated types: | |
| Diagnose | |
| Down | |
| Locked | |
| Maintenance | |
| Not Relevant | |
| Operate Switch | |
| Shutting Down | |
| Unknown | |
| Unlocked | |
| Up | |

Administrative State

Table 2-1806 Administrative State

| Name | Value |
|--------------------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | AdministrativeState |
| Enumerated types: | |
| Diagnose | |
| Down | |
| Locked | |

Table 2-1806 Administrative State (continued)

| Name | Value |
|----------------|-------|
| Maintenance | |
| Not Relevant | |
| Operate Switch | |
| Shutting Down | |
| Unknown | |
| Unlocked | |
| Up | |

Administrative State**Table 2-1807 Administrative State**

| Name | Value |
|----------------|--|
| Default | yes:unspecified |
| Displayed name | Administrative State |
| OSS name | facilityAdminState |
| Read-only | no |
| Tab Panel | Port Specifics.General Facility States |
| Type | equipment.AdministrativeState |

Aggregate Rate**Table 2-1808 Aggregate Rate**

| Name | Value |
|----------------|---|
| Default | yes:None |
| Description | Indicates the Aggregation Ethernet signal rate attached on the first lane of 112SDX11 client ports. |
| Displayed name | Aggregate Rate |
| OSS name | cpPortInfoAggrRate |
| Read-only | no |
| Tab Panel | Port Specifics.General 40GbE MLD |
| Type | PortAggregateRate |

AINS Countdown**Table 2-1809 AINS Countdown**

| Name | Value |
|----------------|---|
| Description | Number of seconds until the Port AINS DebounceTime expires. If Port AINS is false or Port AINS Debounce Time is 0, the value of this attribute will be 0. |
| Displayed name | AINS Countdown |
| OSS name | apAinsDebounceTimeRemaining |
| Read-only | no |
| Tab Panel | Port Specifics.General AINS |
| Type | STRING |
| Units | HH:MM |

AINS Fault Criteria**Table 2-1810 AINS Fault Criteria**

| Name | Value |
|----------------|---|
| Description | AINSCRIT, determines the fault criteria to leave the PMODE/SST state value AUTO/AINS. |
| Displayed name | AINS Fault Criteria |
| OSS name | ainsCrit |
| Read-only | no |
| Tab Panel | Port Specifics.General AINS |
| Type | AinsCritType |

AINS Timer**Table 2-1811 AINS Timer**

| Name | Value |
|----------------|---|
| Description | This attribute must be set in multiples of 60s. It is equal to System AINS Debounce Time when Port AINS Use System Default is true. Setting the Port AINS Debounce Time and Port AINS Use System Default to true in the same set request is restricted. Current configurable range: 1m to 96h 0m. 0 is a valid value. |
| Displayed name | AINS Timer |
| OSS name | apAinsDebounceTime |
| Read-only | no |
| Tab Panel | Port Specifics.General AINS |
| Type | STRING |

Table 2-1811 AINS Timer (continued)

| Name | Value |
|-------|-------|
| Units | HH:MM |

AIS Mode**Table 2-1812 AIS Mode**

| Name | Value |
|----------------|--|
| Description | AIS Mode |
| Displayed name | AIS Mode |
| OSS name | syncEBitsPortOutputAISMode |
| Read-only | no |
| Tab Panel | Port Specifics.General BITS Attributes |
| Type | SyncEBitsPortOutputAISMode |

Alarm Profile**Table 2-1813 Alarm Profile**

| Name | Value |
|----------------|--|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | Port Specifics.General BITS Attributes |
| Type | POINTER |

Alarm Profile**Table 2-1814 Alarm Profile**

| Name | Value |
|----------------|--|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | POINTER |

Alarm Profile**Table 2-1815 Alarm Profile**

| Name | Value |
|----------------|--------------------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | POINTER |

Alarm Profile**Table 2-1816 Alarm Profile**

| Name | Value |
|----------------|---------------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | POINTER |

Allocated Adjustment Time**Table 2-1817 Allocated Adjustment Time**

| Name | Value |
|----------------|---|
| Description | This is used to enter the length of enablement time for the OMS section. The unit is in 100s of ms. Value of -1 means not configured. Current configurable range: -1 to 35999 |
| Displayed name | Allocated Adjustment Time |
| OSS name | powerMgmtPortGainAdjTimerLength |
| Read-only | no |
| Tab Panel | Port Specifics.General Gain Adjustment Settings |
| Type | STRING |
| Units | HH:MM:SS |

Allowed Gain Delta**Table 2-1818 Allowed Gain Delta**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:-99.0 |
| Description | EPT - delta max. |
| Displayed name | Allowed Gain Delta |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | ampPortPowerDeltaMax |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Allowed Gain Delta**Table 2-1819 Allowed Gain Delta**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | EPT - delta max. |
| Displayed name | Allowed Gain Delta |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | ampPortPowerDeltaMax |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

APR Delay Enabled**Table 2-1820 APR Delay Enabled**

| Name | Value |
|----------------|--|
| Description | The auto power recovery hold off time. |
| Displayed name | APR Delay Enabled |

Table 2-1820 APR Delay Enabled (continued)

| Name | Value |
|-------------|----------------------------------|
| OSS name | ampPortAprHoldOffTime |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | PortAprHoldOffTime |

APR Delay Enabled**Table 2-1821 APR Delay Enabled**

| Name | Value |
|----------------|--|
| Default | yes:no |
| Description | The auto power recovery hold off time. |
| Displayed name | APR Delay Enabled |
| OSS name | wssPortAprHoldOffTime |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | PortAprHoldOffTime |

APR Disabled**Table 2-1822 APR Disabled**

| Name | Value |
|----------------|----------------------------------|
| Description | The Auto Power Recovery Disable. |
| Displayed name | APR Disabled |
| OSS name | ampPortAprDisable |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | BOOL |

APR Mode**Table 2-1823 APR Mode**

| Name | Value |
|---------|----------|
| Default | yes:auto |

Table 2-1823 APR Mode (continued)

| Name | Value |
|----------------|----------------------------------|
| Description | APR Mode for ASWG/A4PSWG cards. |
| Displayed name | APR Mode |
| OSS name | ampPortAprMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | PortAprType |

APR Mode**Table 2-1824 APR Mode**

| Name | Value |
|----------------|--|
| Default | yes:auto |
| Description | APR Mode for ASWG/A4PSWG cards. |
| Displayed name | APR Mode |
| OSS name | ampPortAprMode |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | PortAprType |

APR Mode**Table 2-1825 APR Mode**

| Name | Value |
|----------------|---|
| Default | yes:auto |
| Description | Indicates APR mode. |
| Displayed name | APR Mode |
| OSS name | rmnPortAprMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | PortAprType |

ASE Mode

Table 2-1826 ASE Mode

| Name | Value |
|----------------|--|
| Description | When ASE Mode is set to No, the WebUI will set Operating Mode=gain(2)When ASE Mode is set to Yes, the SAM will set Operating Mode=power(1) If Operating Mode = disabled(3), the SAM will display ASE Mode? = Not Set. Power Setting is only applicable when ASE Mode? = Yes. |
| Displayed name | ASE Mode |
| OSS name | ampASEMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | ASEMode |

ASE Mode

Table 2-1827 ASE Mode

| Name | Value |
|----------------|--|
| Description | When ASE Mode is set to No, the WebUI will set Operating Mode=gain(2)When ASE Mode is set to Yes, the SAM will set Operating Mode=power(1) If Operating Mode = disabled(3), the SAM will display ASE Mode? = Not Set. Power Setting is only applicable when ASE Mode? = Yes. |
| Displayed name | ASE Mode |
| OSS name | ampASEMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Connectivity Testing |
| Type | ASEMode |

ASE Output Power

Table 2-1828 ASE Output Power

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The ASE noise power out of the Raman LINEOUT port. |
| Displayed name | ASE Output Power |
| OSS name | rmnPortAsePowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |

Table 2-1828 ASE Output Power (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | dBm |

ASE Output Power**Table 2-1829 ASE Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The ASE noise power out of the Raman LINEOUT port. |
| Displayed name | ASE Output Power |
| OSS name | rmnPortAsePowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | FLOAT |
| Units | dBm |

Assigned Rate**Table 2-1830 Assigned Rate**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:unassigned |
| Description | Used for the GUI only. |
| Displayed name | Assigned Rate |
| OSS name | assignedRateForGui |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | AssignedRate |

Associated LD Line Port**Table 2-1831 Associated LD Line Port**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 2-1831 Associated LD Line Port (continued)

| Name | Value |
|----------------|--|
| Description | Specifies the assigned LD port that is connected to the OTDR port. |
| Displayed name | Associated LD Line Port |
| OSS name | associatedLDLinePort |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection |
| Type | STRING |

Asymmetric Interworking Enabled**Table 2-1832 Asymmetric Interworking Enabled**

| Name | Value |
|----------------|-----------------------------------|
| Description | ODU0/ODU3/ODU4 interworking mode. |
| Displayed name | Asymmetric Interworking Enabled |
| OSS name | oduInterworkingMode |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | BOOL |

Attenuation**Table 2-1833 Attenuation**

| Name | Value |
|----------------|---|
| Default | yes:0.0 |
| Description | Sets attenuation value in attenuation mode. |
| Displayed name | Attenuation |
| Maximum | 10.0 |
| Minimum | 0.0 |
| OSS name | attenuationModeAtten |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | FLOAT |
| Units | dB |

Attenuation**Table 2-1834 Attenuation**

| Name | Value |
|----------------|--|
| Default | yes:0.0 |
| Description | Hybrid amplifier port VOA attenuation. |
| Displayed name | Attenuation |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | hybridPortVoaAttenuation |
| Read-only | no |
| Tab Panel | Port Specifics.General Mid EVOA Attributes |
| Type | FLOAT |
| Units | dB |

Auto Gain Adjustment Enabled**Table 2-1835 Auto Gain Adjustment Enabled**

| Name | Value |
|----------------|--|
| Description | This is used to configure line behaviour: false - no auto adjusts, true - will enable adjustments, or do auto adjustments. |
| Displayed name | Auto Gain Adjustment Enabled |
| OSS name | powerMgmtPortInGainAdjAutoEnabled |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | BOOL |

Auto Negotiation**Table 2-1836 Auto Negotiation**

| Name | Value |
|----------------|---|
| Description | The auto negotiation status. |
| Displayed name | Auto Negotiation |
| OSS name | gpPortAutoNegotiation |
| Read-only | no |
| Tab Panel | Port Specifics.General Gigabit Ethernet |

Table 2-1836 Auto Negotiation (continued)

| Name | Value |
|------|-----------------|
| Type | DisabledEnabled |

Auto Provisioning**Table 2-1837 Auto Provisioning**

| Name | Value |
|----------------|--|
| Description | ON - Auto provisioning Allowed in that slot position. {BR} OFF - Auto provisioning Not-Allowed in that slot position |
| Displayed name | Auto Provisioning |
| OSS name | autoProvisioning |
| Read-only | yes |
| Tab Panel | Port Specifics.General Autoprovisioning Functionality |
| Type | AutoProvCapability |

Auto Tilt Adjustment Enabled**Table 2-1838 Auto Tilt Adjustment Enabled**

| Name | Value |
|----------------|--|
| Description | If this value is true and line is OADM, controls updates of the channel set information used for SRS Adjustment. Value automatically updates at lines that pull the channel information from upstream. |
| Displayed name | Auto Tilt Adjustment Enabled |
| OSS name | powerMgmtPortSRSTiltAdjAutoEnabled |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | BOOL |

Auto Tilt Maintenance Mode Enabled**Table 2-1839 Auto Tilt Maintenance Mode Enabled**

| Name | Value |
|----------------|---|
| Description | A line parameter that sets SCOT into a maintenance mode where the auto adjustment triggers are not sent, and the receiving lines do not respond to auto triggers. |
| Displayed name | Auto Tilt Maintenance Mode Enabled |

Table 2-1839 Auto Tilt Maintenance Mode Enabled (continued)

| Name | Value |
|-------------|-------------------------------------|
| OSS name | powerMgmtPortSRSTiltMaintenanceMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | BOOL |

Automatic VLAN Binding

Table 2-1840 Automatic VLAN Binding

| Name | Value |
|----------------|------------------------|
| Default | yes:true |
| Displayed name | Automatic VLAN Binding |
| OSS name | vlanAutoBind |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Available Bandwidth

Table 2-1841 Available Bandwidth

| Name | Value |
|----------------|--|
| Description | Available bandwidth for 11DPGE12/11DPE12E ports. |
| Displayed name | Available Bandwidth |
| Maximum | 10000 |
| Minimum | 0 |
| OSS name | availableBandwidth |
| Read-only | no |
| Tab Panel | Port Specifics.General Ethernet |
| Type | INT |
| Units | Mbps |

Available Egress Bandwidth**Table 2-1842 Available Egress Bandwidth**

| Name | Value |
|----------------|---|
| Description | Available Egress bandwidth for 11DPGE12/11DPE12E ports. |
| Displayed name | Available Egress Bandwidth |
| Maximum | 10000 |
| Minimum | 0 |
| OSS name | availableEgressBandwidth |
| Read-only | no |
| Tab Panel | Port Specifics.General Ethernet |
| Type | INT |
| Units | Mbps |

Available Ingress Bandwidth**Table 2-1843 Available Ingress Bandwidth**

| Name | Value |
|----------------|--|
| Description | Available Ingress bandwidth for 11DPGE12/11DPE12E ports. |
| Displayed name | Available Ingress Bandwidth |
| Maximum | 10000 |
| Minimum | 0 |
| OSS name | availableIngressBandwidth |
| Read-only | no |
| Tab Panel | Port Specifics.General Ethernet |
| Type | INT |
| Units | Mbps |

Average Add Insertion Loss**Table 2-1844 Average Add Insertion Loss**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The add insertion loss. This will be supported on all input to output flows. |
| Displayed name | Average Add Insertion Loss |
| OSS name | avgAddInsertionLoss |

Table 2-1844 Average Add Insertion Loss (continued)

| Name | Value |
|-------------|--------------------------------|
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | FLOAT |
| Units | dB |

Average Drop Insertion Loss**Table 2-1845 Average Drop Insertion Loss**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The drop insertion loss. This will be supported on all input to output flows. |
| Displayed name | Average Drop Insertion Loss |
| OSS name | avgDropInsertionLoss |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | FLOAT |
| Units | dB |

Background Diagnostics Fault Reason**Table 2-1846 Background Diagnostics Fault Reason**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Displayed name | Background Diagnostics Fault Reason |
| OSS name | backgroundDiagnosticsFaultReason |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Background Diagnostics State

Table 2-1847 Background Diagnostics State

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:unknown |
| Displayed name | Background Diagnostics State |
| OSS name | backgroundDiagnosticsState |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | BackgroundDiagnosticsStateType |
| Enumerated types: | |
| Critical Fault Detected | |
| Fault Detected | |
| N/A | |
| Ok | |
| Unknown | |

Cable Delay Correction (ns)

Table 2-1848 Cable Delay Correction (ns)

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:0 |
| Description | Cable Delay Correction |
| Displayed name | Cable Delay Correction (ns) |
| Maximum | 100000000 |
| Minimum | 0 |
| OSS name | cableDelayCorrection |
| Read-only | no |
| Tab Panel | Port Specifics.General TOD Attributes |
| Type | LONG |

Channel

Table 2-1849 Channel

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 2-1849 Channel (continued)

| Name | Value |
|----------------|--------------|
| Displayed name | Channel |
| OSS name | dwdmChannel |
| Read-only | no |
| Tab Panel | General DWDM |
| Type | INT |

Channel Spacing(GHZ)**Table 2-1850 Channel Spacing(GHZ)**

| Name | Value |
|----------------|---|
| Description | This Specifies the channel spacing to use for line ports. 1 - 100GHz 2 - 50GHz. |
| Displayed name | Channel Spacing(GHZ) |
| OSS name | nwPortChannelSpacing |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | ChannelSpacing |

Class**Table 2-1851 Class**

| Name | Value |
|--------------------------|-----------------|
| Default | yes:none |
| Displayed name | Class |
| OSS name | portClass |
| Read-only | yes |
| Tab Panel | General General |
| Type | PortClass |
| Enumerated types: | |
| 10 Gigabit Ethernet | |
| 100 Gigabit Ethernet | |
| 40 Gigabit Ethernet | |
| DSL | |
| Fast Ethernet | |

Table 2-1851 Class (continued)

| Name | Value |
|-------------------------|-------|
| Gigabit Ethernet | |
| GPON | |
| GPS | |
| None | |
| Radio | |
| Serial | |
| SONET | |
| SONET Channel | |
| TDM | |
| Variable Speed Ethernet | |
| Virtual Port | |
| Voice | |
| VSM Ethernet | |
| WDM | |

Clear GMRE Topology Alarm

Table 2-1852 Clear GMRE Topology Alarm

| Name | Value |
|----------------|--|
| Description | Clears ASON topology connectivity alarm. |
| Displayed name | Clear GMRE Topology Alarm |
| OSS name | asonTopoClearAlarm |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | BOOL |

CLEI

Table 2-1853 CLEI

| Name | Value |
|----------------|------------|
| Description | Port CLEI. |
| Displayed name | CLEI |
| OSS name | portClei |

Table 2-1853 CLEI (continued)

| Name | Value |
|-------------|----------------------------------|
| Read-only | no |
| Tab Panel | Port Specifics.General Inventory |
| Type | STRING |

CLEI Code**Table 2-1854 CLEI Code**

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General Equipment Location Codes |
| Type | STRING |

CLI Name**Table 2-1855 CLI Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | CLI Name |
| Maximum | 252 |
| OSS name | portName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Collect Accounting Statistics

Table 2-1856 Collect Accounting Statistics

| Name | Value |
|----------------|-------------------------------|
| Default | yes:true |
| Displayed name | Collect Accounting Statistics |
| OSS name | collectStats |
| Read-only | no |
| Tab Panel | Policies.General Accounting |
| Type | BOOL |

Collect Accounting Statistics

Table 2-1857 Collect Accounting Statistics

| Name | Value |
|----------------|--------------------------------------|
| Default | yes:false |
| Displayed name | Collect Accounting Statistics |
| OSS name | etherCollectStats |
| Read-only | no |
| Tab Panel | Policies.General Ethernet Accounting |
| Type | BOOL |

Combiner

Table 2-1858 Combiner

| Name | Value |
|----------------|---|
| Default | yes:disable |
| Description | Enable/Disable Combiner(SD)function on MPT. |
| Displayed name | Combiner |
| OSS name | mptCombiner |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | LONG |

Commissioning Completed**Table 2-1859 Commissioning Completed**

| Name | Value |
|----------------|--|
| Description | Each external OSC card port whose power management mode setting is Automatic has a Power Management Commissioned Flag. When commissioning is completed these flags are set to complete by users. |
| Displayed name | Commissioning Completed |
| OSS name | powerMgmtIsCommissioned |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | BOOL |

Company ID**Table 2-1860 Company ID**

| Name | Value |
|----------------|----------------------------------|
| Description | Port Company ID. |
| Displayed name | Company ID |
| OSS name | portCompanyId |
| Read-only | no |
| Tab Panel | Port Specifics.General Inventory |
| Type | STRING |

Compatibility Mode**Table 2-1861 Compatibility Mode**

| Name | Value |
|----------------|---|
| Default | yes:default |
| Description | This parameter is used to set the compatible mode of the OTU2 port. default: The port operates in the default mode which is supported by all 12xGE cards except the 11DPE12. 11DPE12: The port operates in the 11DPE12 interworking mode. |
| Displayed name | Compatibility Mode |
| OSS name | portConfigCompatibilityMode |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | PortConfigCompatibilityMode |

Compensation Module**Table 2-1862 Compensation Module**

| Name | Value |
|----------------|---|
| Description | The parameter specifies the properties w.r.t. compensation modules. |
| Displayed name | Compensation Module |
| OSS name | compensationModule |
| Read-only | yes |
| Tab Panel | Port Specifics.General OT |
| Type | CompensationModule |

Configured MAC**Table 2-1863 Configured MAC**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Configured MAC |
| OSS name | macAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | MACADDR |

Connected From**Table 2-1864 Connected From**

| Name | Value |
|----------------|---|
| Description | External port far end address that points to this port. |
| Displayed name | Connected From |
| Maximum | 64 |
| OSS name | apFarEndAddrFrom |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection |
| Type | STRING |

Connected From**Table 2-1865 Connected From**

| Name | Value |
|----------------|---|
| Description | External port far end address that points to this port. |
| Displayed name | Connected From |
| OSS name | apFarEndIfIndexFromDisplay |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection |
| Type | STRING |

Connected From**Table 2-1866 Connected From**

| Name | Value |
|----------------|---|
| Description | PTP Sig port connected from |
| Displayed name | Connected From |
| OSS name | ptpSigConnectedFromPort |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection Information |
| Type | POINTER |

Connected LD OTDR Port**Table 2-1867 Connected LD OTDR Port**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the assigned LD port that is connected to the OTDR port. |
| Displayed name | Connected LD OTDR Port |
| OSS name | connectedLDOTDRPort |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection |
| Type | POINTER |

Connected To

Table 2-1868 Connected To

| Name | Value |
|----------------|---|
| Description | Address of the external port to which this port is connected. |
| Displayed name | Connected To |
| Maximum | 64 |
| OSS name | apFarEndAddr |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection |
| Type | STRING |

Connected To

Table 2-1869 Connected To

| Name | Value |
|----------------|---|
| Description | External port far end address that points to this port. |
| Displayed name | Connected To |
| OSS name | apFarEndIfIndexDisplay |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection |
| Type | STRING |

Connected To

Table 2-1870 Connected To

| Name | Value |
|----------------|---|
| Description | PTP Sig port connected to |
| Displayed name | Connected To |
| OSS name | ptpSigConnectedToPort |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection Information |
| Type | POINTER |

Connected To Port**Table 2-1871 Connected To Port**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Sets reference to degree input port when MVAC port used external. |
| Displayed name | Connected To Port |
| OSS name | connToPort |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | POINTER |

Connected Type From**Table 2-1872 Connected Type From**

| Name | Value |
|----------------|---|
| Description | Indicates whether an internal/external port is pointing to this port. |
| Displayed name | Connected Type From |
| OSS name | apFarEndTypeFrom |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection |
| Type | FarEndType |

Connected Type To**Table 2-1873 Connected Type To**

| Name | Value |
|----------------|---|
| Description | Indicates if this port is connected to another internal port or an external port. |
| Displayed name | Connected Type To |
| OSS name | apFarEndType |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection |
| Type | FarEndType |

Connection Monitoring End Point Mode**Table 2-1874 Connection Monitoring End Point Mode**

| Name | Value |
|----------------|--|
| Default | yes:bypass |
| Description | Connection monitoring End Point Mode |
| Displayed name | Connection Monitoring End Point Mode |
| OSS name | connectionMonitoringEndPointMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Delay Measurement |
| Type | oth.CMEPMode |

Connection Retry Count**Table 2-1875 Connection Retry Count**

| Name | Value |
|----------------|---|
| Description | The number of consecutive retries that cnLinkAutoStateSourceIP is un-reachable when cnLinkCitAutoStateCtrl is true, which results in CIT port to be auto-enabled. |
| Displayed name | Connection Retry Count |
| Maximum | 10000 |
| Minimum | 5 |
| OSS name | cnLinkSourceLossCount |
| Read-only | no |
| Tab Panel | Port Specifics.General Auto-Disable port Status |
| Type | LONG |

Connection Retry Interval**Table 2-1876 Connection Retry Interval**

| Name | Value |
|----------------|--|
| Description | The interval to contact cnLinkAutoStateSourceIP when cnLinkCitAutoStateCtrl is true. |
| Displayed name | Connection Retry Interval |
| Maximum | 7200 |
| Minimum | 10 |
| OSS name | cnLinkSourceIPCheckInterval |
| Read-only | no |

Table 2-1876 Connection Retry Interval (continued)

| Name | Value |
|-------------|---|
| Tab Panel | Port Specifics.General Auto-Disable port Status |
| Type | LONG |
| Units | seconds |

Consequent Action Loopback**Table 2-1877 Consequent Action Loopback**

| Name | Value |
|----------------|--|
| Default | yes:enabled |
| Description | Specifies whether a consequent action is performed in the context of loopback switching. |
| Displayed name | Consequent Action Loopback |
| OSS name | consActionLoopback |
| Read-only | no |
| Tab Panel | Port Specifics.General Test/Analysis |
| Type | AluWdmEnabledDisabled |

Consequent Actions Performed**Table 2-1878 Consequent Actions Performed**

| Name | Value |
|----------------|---|
| Description | Determines if the consequent actions are performed if a Trace Identifier Mismatch defect (dTIM) is detected |
| Displayed name | Consequent Actions Performed |
| OSS name | trcConsAct |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | BOOL |

Container**Table 2-1879 Container**

| Name | Value |
|-------------|------------------------------------|
| Description | Define Client port Container Type. |

Table 2-1879 Container (continued)

| Name | Value |
|----------------|---------------------------|
| Displayed name | Container |
| OSS name | cpContainer |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | Container |

Containing Equipment Status

Table 2-1880 Containing Equipment Status

| Name | Value |
|--------------------------|-----------------------------|
| Default | yes:indeterminate |
| Displayed name | Containing Equipment Status |
| OSS name | containingEquipmentState |
| Read-only | yes |
| Tab Panel | States General |
| Type | ContainingEquipmentState |
| Enumerated types: | |
| Admin Down | |
| Equipment In Test | |
| N/A | |
| OK | |
| Oper Down | |
| Removed | |
| Type Mismatch | |

Cost Metric

Table 2-1881 Cost Metric

| Name | Value |
|----------------|-------------------------------------|
| Description | The Traffic eng metric of the link. |
| Displayed name | Cost Metric |
| Maximum | 65535 |
| Minimum | 1 |

Table 2-1881 Cost Metric (continued)

| Name | Value |
|-------------|-----------------------------|
| OSS name | cnTeMetric |
| Read-only | no |
| Tab Panel | Port Specifics.General OSPF |
| Type | LONG |

CrossRegen Partner Port**Table 2-1882 CrossRegen Partner Port**

| Name | Value |
|----------------|--------------------------------------|
| Description | Cross reg partner port of Line Port. |
| Displayed name | CrossRegen Partner Port |
| OSS name | lpCrossRegPartner |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | CrossRegPartner |

CSF Laser Consequent Action**Table 2-1883 CSF Laser Consequent Action**

| Name | Value |
|----------------|---|
| Description | This parameter defines the Consequent Action in case of CSF for port-port applications. |
| Displayed name | CSF Laser Consequent Action |
| OSS name | csfLaserConsequentAction |
| Read-only | no |
| Tab Panel | Port Specifics.General Gigabit Ethernet |
| Type | ConsequentActionType |

Current Key Info**Table 2-1884 Current Key Info**

| Name | Value |
|----------------|----------------------------------|
| Description | Port Encryption CurrentKey Info. |
| Displayed name | Current Key Info |

Table 2-1884 Current Key Info (continued)

| Name | Value |
|-------------|--|
| Maximum | 256 |
| Minimum | 0 |
| OSS name | currentKeyInfo |
| Read-only | no |
| Tab Panel | Port Specifics.General Encryption Management |
| Type | STRING |

Data Bearer Details**Table 2-1885 Data Bearer Details**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Pointer to gmpls.Databearer instance discovered through the CORBA interface. Applicable if this is the port is being used as a databearer. |
| Displayed name | Data Bearer Details |
| OSS name | dataBearerPointer |
| Read-only | yes |
| Tab Panel | Port Specifics.General ASON Control Plane - Data Bearer |
| Type | POINTER |

Date**Table 2-1886 Date**

| Name | Value |
|----------------|----------------------------------|
| Description | Port Date. |
| Displayed name | Date |
| OSS name | portDate |
| Read-only | no |
| Tab Panel | Port Specifics.General Inventory |
| Type | STRING |

DDM Event Suppression**Table 2-1887 DDM Event Suppression**

| Name | Value |
|----------------|-----------------------|
| Default | yes:false |
| Displayed name | DDM Event Suppression |
| OSS name | ddmEventSuppression |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Dead Interval**Table 2-1888 Dead Interval**

| Name | Value |
|----------------|--|
| Description | The router dead interval of the link. For 1830, the range is (1..'FFFF'h). This value must be greater than or equal to hello interval value. |
| Displayed name | Dead Interval |
| Maximum | 65535 |
| Minimum | 2 |
| OSS name | cnRtrDeadInterval |
| Read-only | no |
| Tab Panel | Port Specifics.General OSPF |
| Type | LONG |
| Units | seconds |

Decommissioned**Table 2-1889 Decommissioned**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:false |
| Displayed name | Decommissioned |
| OSS name | isDecommissioned |
| Read-only | yes |
| Tab Panel | General Port Decommission Info |
| Type | BOOL |

Default VLAN

Table 2-1890 Default VLAN

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | Applicable to Telco 7250 only, default VLAN for the port |
| Displayed name | Default VLAN |
| Maximum | 4092 |
| Minimum | 1 |
| OSS name | vlan |
| Read-only | no |
| Tab Panel | General VLAN Info |
| Type | INT |

Defect Holdoff Timer

Table 2-1891 Defect Holdoff Timer

| Name | Value |
|----------------|---|
| Description | Line port consequent action (whether AIS insertion or laser off) must be delayed by a hold-off timer. |
| Displayed name | Defect Holdoff Timer |
| OSS name | IpDefectHoldoffTimer |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | DisabledEnabled |

Defect Holdoff Timer

Table 2-1892 Defect Holdoff Timer

| Name | Value |
|----------------|---|
| Description | Line port consequent action (whether AIS insertion or laser off) must be delayed by a hold-off timer. |
| Displayed name | Defect Holdoff Timer |
| OSS name | IpLineDefectHoldoffTimer |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |

Table 2-1892 Defect Holdoff Timer (continued)

| Name | Value |
|------|-----------------|
| Type | DisabledEnabled |

Description

Table 2-1893 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 256 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Description

Table 2-1894 Description

| Name | Value |
|----------------|---|
| Default | no |
| Description | This property is specific to AOS family |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | portAccessDescription |
| Read-only | no |
| Tab Panel | General Service Access Info |
| Type | STRING |

DHCP IP Range

Table 2-1895 DHCP IP Range

| Name | Value |
|----------------|---|
| Description | Control Network DHCP range. Current configurable range: 0 to 10 |
| Displayed name | DHCP IP Range |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | cnDhcpRange |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | INT |

DHCP Server Enabled

Table 2-1896 DHCP Server Enabled

| Name | Value |
|----------------|---|
| Description | Control Network DHCP server configured. |
| Displayed name | DHCP Server Enabled |
| OSS name | cnDhcpServer |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | BOOL |

Direction

Table 2-1897 Direction

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:0 |
| Description | Direction |
| Displayed name | Direction |
| OSS name | direction |
| Read-only | no |
| Tab Panel | Port Specifics.General TOD Attributes |
| Type | PtpTodDirection |

Direction**Table 2-1898 Direction**

| Name | Value |
|----------------|--|
| Description | Port Direction Specifier |
| Displayed name | Direction |
| OSS name | syncEBitsPortDirection |
| Read-only | no |
| Tab Panel | Port Specifics.General BITS Attributes |
| Type | SyncEBitsPortDirection |

Disable Port Automatically**Table 2-1899 Disable Port Automatically**

| Name | Value |
|----------------|---|
| Description | false - System is not in auto_state. CIT enable/disable is done by ifAdminStatus. true - System is in auto_state. CIT enable/disable is done by the connectivity status of source_ip. The CIT port will be disabled when the source IP is reachable and enabled when source IP becomes un-reachable. Provisioning of this attribute is restricted to administrators only. |
| Displayed name | Disable Port Automatically |
| OSS name | cnLinkCitAutoStateCtrl |
| Read-only | no |
| Tab Panel | Port Specifics.General Auto-Disable port Status |
| Type | BOOL |

Distribute Default Gateway via DHCP**Table 2-1900 Distribute Default Gateway via DHCP**

| Name | Value |
|----------------|--|
| Description | Indicates if default gateway IP address is distributed via DHCP on this interface. |
| Displayed name | Distribute Default Gateway via DHCP |
| OSS name | cnDhcpGateway |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | BOOL |

DM Current Status**Table 2-1901 DM Current Status**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Delay measurement - current status |
| Displayed name | DM Current Status |
| OSS name | delayMeasurementCurrentStatus |
| Read-only | yes |
| Tab Panel | Port Specifics.General Delay Measurement |
| Type | oth.DMCurrentStatus |

DM Current Value**Table 2-1902 DM Current Value**

| Name | Value |
|----------------|--|
| Description | Delay measurement - current value |
| Displayed name | DM Current Value |
| OSS name | delayMeasurementCurrentValue |
| Read-only | yes |
| Tab Panel | Port Specifics.General Delay Measurement |
| Type | FLOAT |
| Units | us |

Drop**Table 2-1903 Drop**

| Name | Value |
|----------------|---|
| Default | yes:unspecified |
| Description | The current disposition of the port in the SIG to AD direction. |
| Displayed name | Drop |
| OSS name | currentDropDisposition |
| Read-only | no |
| Tab Panel | Port Specifics.General AD Port Details |
| Type | AddDropDisposition |

Drop Path Target Power**Table 2-1904 Drop Path Target Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The following description applies to the colorless port of the CWR8-88 card: The drop target power |
| Displayed name | Drop Path Target Power |
| Maximum | -4 |
| Minimum | -26.5 |
| OSS name | cwrPortDropTargetPower |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Drop Path Wavelength Tracker Decoder Usage**Table 2-1905 Drop Path Wavelength Tracker Decoder Usage**

| Name | Value |
|----------------|---|
| Description | The type of WTD used egress. |
| Displayed name | Drop Path Wavelength Tracker Decoder Usage |
| OSS name | powerMgmtWtdUsageTypeOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Wavelength Tracker Decoder Usage |
| Type | WtdUsageType |

DTV Amplitude**Table 2-1906 DTV Amplitude**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Reports the current DTV amplitude value. If the module is not present, it returns -1. |
| Displayed name | DTV Amplitude |
| OSS name | lpDTVPortValueAmplitude |
| Read-only | no |

Table 2-1906 DTV Amplitude (continued)

| Name | Value |
|-------------|----------------------------|
| Tab Panel | Port Specifics.General DTV |
| Type | STRING |

DTV Control Enabled**Table 2-1907 DTV Control Enabled**

| Name | Value |
|----------------|---|
| Default | yes:disabled |
| Description | When this is set to disabled, the DTV amplitude will be reset to the default value. |
| Displayed name | DTV Control Enabled |
| OSS name | IpDTVControlEnabled |
| Read-only | no |
| Tab Panel | Port Specifics.General DTV |
| Type | AluWdmEnabledDisabled |

DTV Phase**Table 2-1908 DTV Phase**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Reports the current DTV phase value. If the module is not present, it returns -1. |
| Displayed name | DTV Phase |
| OSS name | IpDTVPortValuePhase |
| Read-only | no |
| Tab Panel | Port Specifics.General DTV |
| Type | STRING |

E1 Frame Format**Table 2-1909 E1 Frame Format**

| Name | Value |
|-------------|---------------------------|
| Default | yes:1 |
| Description | Indicates the E1T1 format |

Table 2-1909 E1 Frame Format (continued)

| Name | Value |
|----------------|--|
| Displayed name | E1 Frame Format |
| OSS name | frameFormat |
| Read-only | no |
| Tab Panel | Port Specifics.General E1/T1 Specifics |
| Type | E1T1FrameFormatType |

Egress Percentage of Rate**Table 2-1910 Egress Percentage of Rate**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:100 |
| Displayed name | Egress Percentage of Rate |
| Maximum | 1000 |
| Minimum | 0 |
| OSS name | portEgrPoolPercentageRate |
| Read-only | no |
| Tab Panel | General Port Percentage Rates |
| Type | INT |
| Units | % |

Egress Pool Policy**Table 2-1911 Egress Pool Policy**

| Name | Value |
|----------------|---------------------------|
| Default | yes: |
| Displayed name | Egress Pool Policy |
| OSS name | portEgrNamedPoolPlcy |
| Read-only | no |
| Tab Panel | General Named Buffer Pool |
| Type | POINTER |

Egress Timing Mode

Table 2-1912 Egress Timing Mode

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | Indicates E1T1 client egress timing mode |
| Displayed name | Egress Timing Mode |
| OSS name | egressTimingMode |
| Read-only | no |
| Tab Panel | Port Specifics.General E1/T1 Specifics |
| Type | E1T1ClientEgressTimingModeType |

Embedded ODU Facility Type

Table 2-1913 Embedded ODU Facility Type

| Name | Value |
|----------------|----------------------------|
| Description | Embedded ODU FacilityType. |
| Displayed name | Embedded ODU Facility Type |
| OSS name | oduFacilityType |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | EmbeddedODUFacilityType |

Enable DEI

Table 2-1914 Enable DEI

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether or not the port is enabled for color-aware policing using DEI bits. |
| Displayed name | Enable DEI |
| OSS name | enableDei |
| Read-only | no |
| Tab Panel | General Enable DEI |
| Type | BOOL |

Encapsulation Mode**Table 2-1915 Encapsulation Mode**

| Name | Value |
|----------------|--------------------------------------|
| Description | The packet interface type. |
| Displayed name | Encapsulation Mode |
| OSS name | gpPortPacketIfType |
| Read-only | no |
| Tab Panel | Port Specifics.General Fiber Channel |
| Type | IfType |

Encapsulation Mode**Table 2-1916 Encapsulation Mode**

| Name | Value |
|----------------|---|
| Description | The packet interface type. |
| Displayed name | Encapsulation Mode |
| OSS name | gpPortPacketIfType |
| Read-only | no |
| Tab Panel | Port Specifics.General Gigabit Ethernet |
| Type | IfType |

Encapsulation Type**Table 2-1917 Encapsulation Type**

| Name | Value |
|--------------------------|--------------------|
| Default | yes:nullEncap |
| Displayed name | Encapsulation Type |
| OSS name | encapType |
| Read-only | no |
| Tab Panel | General General |
| Type | PortEncapType |
| Enumerated types: | |
| ATM | |
| BCP Dot1 Q | |
| BCP Null | |

Table 2-1917 Encapsulation Type (continued)

| Name | Value |
|------------|-------|
| CEM | |
| Cisco HDLC | |
| Dot1 Q | |
| FR | |
| HDLC | |
| IPCP | |
| MPLS | |
| N/A | |
| Null | |
| PPP Auto | |
| Q in Q | |
| WAN Mirror | |

Encoder Fault Active**Table 2-1918 Encoder Fault Active**

| Name | Value |
|----------------|---|
| Description | The parameter specifies whether there is a power convergence failure or {BR} other fault which would disable power control for the Wavetracker encoder. |
| Displayed name | Encoder Fault Active |
| OSS name | encoderFaultActive |
| Read-only | yes |
| Tab Panel | Port Specifics.General OT |
| Type | BOOL |

Equipped**Table 2-1919 Equipped**

| Name | Value |
|----------------|------------|
| Default | yes:false |
| Displayed name | Equipped |
| OSS name | isEquipped |
| Read-only | yes |

Table 2-1919 Equipped (continued)

| Name | Value |
|-------------|----------------|
| Tab Panel | States General |
| Type | BOOL |

Errored Frame Drop Mode**Table 2-1920 Errored Frame Drop Mode**

| Name | Value |
|----------------|---|
| Description | The errored frame drop status. |
| Displayed name | Errored Frame Drop Mode |
| OSS name | gpPortErroredFrameDrop |
| Read-only | no |
| Tab Panel | Port Specifics.General Gigabit Ethernet |
| Type | DisabledEnabled |

Expected J0**Table 2-1921 Expected J0**

| Name | Value |
|----------------|------------------------------------|
| Default | yes: |
| Description | RSMON Egress port expected tti. |
| Displayed name | Expected J0 |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | rsmonEgrExTti |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | STRING |

Expected J0**Table 2-1922 Expected J0**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 2-1922 Expected J0 (continued)

| Name | Value |
|----------------|----------------------------------|
| Description | RSMON Ingress port expected TTI. |
| Displayed name | Expected J0 |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | rsmonIngrExTti |
| Read-only | no |
| Tab Panel | Port Specifics.General CBR2G5 |
| Type | STRING |

Expected J0

Table 2-1923 Expected J0

| Name | Value |
|----------------|------------------------------------|
| Default | yes: |
| Description | RSMON Ingress port expected TTI. |
| Displayed name | Expected J0 |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | rsmonIngrExTti |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | STRING |

Expected Maximum Gain

Table 2-1924 Expected Maximum Gain

| Name | Value |
|----------------|----------------------------|
| Default | yes:-99.0 |
| Description | The maximum gain expected. |
| Displayed name | Expected Maximum Gain |
| Maximum | 25 |
| Minimum | 0 |
| OSS name | rmnPortGMaxExpected |

Table 2-1924 Expected Maximum Gain (continued)

| Name | Value |
|-------------|------------------------------|
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dB |

Expected Maximum Gain**Table 2-1925 Expected Maximum Gain**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The maximum gain expected. |
| Displayed name | Expected Maximum Gain |
| Maximum | 25 |
| Minimum | 0 |
| OSS name | rmnPortGMaxExpected |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | FLOAT |
| Units | dB |

Expected Minimum Gain**Table 2-1926 Expected Minimum Gain**

| Name | Value |
|----------------|------------------------------|
| Default | yes:-99.0 |
| Description | The minimum gain expected. |
| Displayed name | Expected Minimum Gain |
| Maximum | 25 |
| Minimum | 0 |
| OSS name | rmnPortGMinExpected |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |

Table 2-1926 Expected Minimum Gain (continued)

| Name | Value |
|-------|-------|
| Units | dB |

Expected Minimum Gain

Table 2-1927 Expected Minimum Gain

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The minimum gain expected. |
| Displayed name | Expected Minimum Gain |
| Maximum | 25 |
| Minimum | 0 |
| OSS name | rmnPortGMinExpected |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | FLOAT |
| Units | dB |

Expected Network Output Power

Table 2-1928 Expected Network Output Power

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The programmed AC output power of the port (EVOA), measured in mBm. It is the power of the full optical signal. Current configurable range: -2000 to -300 (CAD or COF) -2000 to 200 (2.5 Gig transponders) -2000 to 400 (10 Gig and 40 Gig non-coherent transponders) -2000 to -550 (4 Gig dual port transponders) -1700 to 400 (40 Gig and 100 Gig coherent transponders). |
| Displayed name | Expected Network Output Power |
| Maximum | 4 |
| Minimum | -20 |
| OSS name | waveKeyEncodeProgrammedNwOutputPower |
| Read-only | no |
| Step | 0.01 |
| Tab Panel | Port Specifics.General Wave Key Encode |

Table 2-1928 Expected Network Output Power (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | dBm |

Expected Trace**Table 2-1929 Expected Trace**

| Name | Value |
|----------------|------------------------------------|
| Description | Expected section trace message |
| Displayed name | Expected Trace |
| Maximum | 31 |
| OSS name | trcExpected |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | STRING |

Express Channel Target Power**Table 2-1930 Express Channel Target Power**

| Name | Value |
|----------------|------------------------------|
| Default | yes:-9.00 |
| Displayed name | Express Channel Target Power |
| Maximum | 0.00 |
| Minimum | -20.0 |
| OSS name | expressTargetPower |
| Read-only | no |
| Step | 0.10 |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Extra Data

Table 2-1931 Extra Data

| Name | Value |
|----------------|----------------------------------|
| Description | Port Extra Info. |
| Displayed name | Extra Data |
| OSS name | portExtraData |
| Read-only | no |
| Tab Panel | Port Specifics.General Inventory |
| Type | STRING |

Facility AINS

Table 2-1932 Facility AINS

| Name | Value |
|----------------|-----------------------------|
| Displayed name | Facility AINS |
| OSS name | facilityAins |
| Read-only | no |
| Tab Panel | Port Specifics.General AINS |
| Type | BOOL |

Facility Loopback

Table 2-1933 Facility Loopback

| Name | Value |
|----------------|--------------------------------------|
| Description | Facility Loopback. |
| Displayed name | Facility Loopback |
| OSS name | facilityLoopback |
| Read-only | no |
| Tab Panel | Port Specifics.General Test/Analysis |
| Type | BOOL |

Factory ID**Table 2-1934 Factory ID**

| Name | Value |
|----------------|----------------------------------|
| Description | Port Factory ID. |
| Displayed name | Factory ID |
| OSS name | portFactoryId |
| Read-only | no |
| Tab Panel | Port Specifics.General Inventory |
| Type | STRING |

FC Mode**Table 2-1935 FC Mode**

| Name | Value |
|----------------|--------------------------------------|
| Description | The fiber channel mode. |
| Displayed name | FC Mode |
| OSS name | gpPortPacketFcMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Fiber Channel |
| Type | FcMode |

FEC Mode**Table 2-1936 FEC Mode**

| Name | Value |
|----------------|---|
| Description | The OCH OTU FEC mode. Depending on the port rate this can be OTU1 FEC Mode/OTU2 FEC Mode/OTU3 FEC Mode/OTU4 FEC Mode. |
| Displayed name | FEC Mode |
| OSS name | otuFecMode |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | FecMode |

Fiber Type

Table 2-1937 Fiber Type

| Name | Value |
|----------------|------------------------------|
| Description | Indicates the fiber type. |
| Displayed name | Fiber Type |
| OSS name | rmnPortFiberType |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | PortFiberType |

Fiber Type

Table 2-1938 Fiber Type

| Name | Value |
|----------------|---|
| Description | Indicates the fiber type. |
| Displayed name | Fiber Type |
| OSS name | rmnPortFiberType |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | PortFiberType |

Firmware Revision Status

Table 2-1939 Firmware Revision Status

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:notApplicable |
| Displayed name | Firmware Revision Status |
| OSS name | hwFirmwareRevisionStatus |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | HwFirmwareRevisionStatusTypes |
| Enumerated types: | |
| | Acceptable |
| | Not Acceptable |
| | Not Applicable |

Table 2-1939 Firmware Revision Status (continued)

| Name | Value |
|-----------------|-------|
| Upgrade Pending | |
| Upgrading | |

Flow Control Enabled**Table 2-1940 Flow Control Enabled**

| Name | Value |
|----------------|--|
| Default | yes:enabled |
| Description | The attribute is used to enable/disable flow control (PAUSE frame processing) on the port. |
| Displayed name | Flow Control Enabled |
| OSS name | flowControlEnabled |
| Read-only | no |
| Tab Panel | Port Specifics.General Ethernet |
| Type | DisabledEnabled |

Flow Control Mode**Table 2-1941 Flow Control Mode**

| Name | Value |
|----------------|---|
| Description | Flow control mode selection. |
| Displayed name | Flow Control Mode |
| OSS name | flowControlMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Gigabit Ethernet |
| Type | GBFlowControlMode |

Force Routing Add**Table 2-1942 Force Routing Add**

| Name | Value |
|----------------|---|
| Description | Set disposition of ALL channels to a given AD/ADT port in add direction. Use endForceAddDisposition to cancel and revert to blocked. This attribute returns to notForced when force is ended. |
| Displayed name | Force Routing Add |

Table 2-1942 Force Routing Add (continued)

| Name | Value |
|-------------|--------------------------------------|
| OSS name | forceAllChannelsAddDisposition |
| Read-only | no |
| Tab Panel | Port Specifics.General Test/Analysis |
| Type | AddDropDisposition |

Force Routing Add/Drop**Table 2-1943 Force Routing Add/Drop**

| Name | Value |
|----------------|--|
| Description | Set desired target routing for forcing disposition of add and drop directions to given port. Use executeForceDisposition to execute switch to this targeted routing. |
| Displayed name | Force Routing Add/Drop |
| OSS name | targetForForceDisposition |
| Read-only | no |
| Tab Panel | Port Specifics.General Test/Analysis |
| Type | AddDropDisposition |

Force Routing Drop**Table 2-1944 Force Routing Drop**

| Name | Value |
|----------------|---|
| Description | Set disposition of ALL channels to a given AD/ADT port in drop direction. Use endForceDropDisposition to cancel and revert to blocked. This attribute returns to notForced when force is ended. |
| Displayed name | Force Routing Drop |
| OSS name | forceAllChannelsDropDisposition |
| Read-only | no |
| Tab Panel | Port Specifics.General Test/Analysis |
| Type | AddDropDisposition |

Frequency**Table 2-1945 Frequency**

| Name | Value |
|----------------|---|
| Description | The programmed ITU channel. |
| Displayed name | Frequency |
| OSS name | nwPortProgrammedChannel |
| Read-only | no |
| Tab Panel | Port Specifics.General General Attributes |
| Type | ITUChannel |

Function**Table 2-1946 Function**

| Name | Value |
|----------------|--|
| Description | Port Function Type. |
| Displayed name | Function |
| OSS name | function |
| Read-only | no |
| Tab Panel | Port Specifics.General Encryption Management |
| Type | FunctionType |

Gain**Table 2-1947 Gain**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | Applies to the signal port of the amplifier card. |
| Displayed name | Gain |
| Maximum | 33 |
| Minimum | 6 |
| OSS name | ampPortPowerGain |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

Gain

Table 2-1948 Gain

| Name | Value |
|----------------|------------------------------|
| Default | yes:-99.0 |
| Description | The current operating gain. |
| Displayed name | Gain |
| Maximum | 25 |
| Minimum | 0 |
| OSS name | rmnPortGain |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dB |

Gain

Table 2-1949 Gain

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The current operating gain. |
| Displayed name | Gain |
| Maximum | 25 |
| Minimum | 0 |
| OSS name | rmnPortGain |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | FLOAT |
| Units | dB |

Gain Range

Table 2-1950 Gain Range

| Name | Value |
|-------------|-----------------------------------|
| Default | yes:low |
| Description | Gain range for ASWG/A4PSWG cards. |

Table 2-1950 Gain Range (continued)

| Name | Value |
|----------------|----------------------------------|
| Displayed name | Gain Range |
| OSS name | ampPortGainRange |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | PortGainType |

Gain Range**Table 2-1951 Gain Range**

| Name | Value |
|----------------|--|
| Default | yes:low |
| Description | Gain range for ASWG/A4PSWG cards. |
| Displayed name | Gain Range |
| OSS name | ampPortGainRange |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | PortGainType |

Gain Setting**Table 2-1952 Gain Setting**

| Name | Value |
|----------------|--|
| Default | yes:15.00 |
| Description | Configures the gain setting for signal gain.The operating mode tnAarPortConfigOperating-Mode must be configured to Gain prior to setting the gain. Only use for test purposes.Current configurable range:1000 to 2000. |
| Displayed name | Gain Setting |
| Maximum | 20.00 |
| Minimum | 10.00 |
| OSS name | ampGainSetting |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Gain Setting**Table 2-1953 Gain Setting**

| Name | Value |
|----------------|---|
| Default | yes:15.00 |
| Description | Configures the gain setting for signal gain. The operating mode tnAarPortConfigOperating-Mode must be configured to Gain prior to setting the gain. Only use for test purposes. Current configurable range: 1000 to 2000. |
| Displayed name | Gain Setting |
| Maximum | 20.00 |
| Minimum | 10.00 |
| OSS name | ampGainSetting |
| Read-only | no |
| Tab Panel | Port Specifics.General Connectivity Testing |
| Type | FLOAT |
| Units | dB |

Gain Tilt**Table 2-1954 Gain Tilt**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | Current OA tilt setting for the signal port of the amplifier card. |
| Displayed name | Gain Tilt |
| OSS name | ampPortGainTilt |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Gain Tilt**Table 2-1955 Gain Tilt**

| Name | Value |
|-------------|--|
| Default | yes:-99.0 |
| Description | Current OA tilt setting for the signal port of the amplifier card. |

Table 2-1955 Gain Tilt (continued)

| Name | Value |
|----------------|--|
| Displayed name | Gain Tilt |
| OSS name | ampPortGainTilt |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

GCC Channel Status**Table 2-1956 GCC Channel Status**

| Name | Value |
|----------------|----------------------------|
| Description | The GCC status. |
| Displayed name | GCC Channel Status |
| OSS name | gccPortStatus |
| Read-only | no |
| Tab Panel | Port Specifics.General GCC |
| Type | DisabledEnabled |

GCC MTU Size**Table 2-1957 GCC MTU Size**

| Name | Value |
|----------------|---|
| Default | yes:1473 |
| Description | The MTU size for GCC0 interface. The intent is to allow for interworking/standardization across multiple products. The default for the 11QPA4 is 1500, while it's 1473 for all other supported packs. The MTU size is allowed to be changed only when the provisioned packet type is set to std. If the packet type is changed from std to nonStd then the MTU size will automatically be changed by the software back to the pack's default value. |
| Displayed name | GCC MTU Size |
| Maximum | 1500 |
| Minimum | 576 |
| OSS name | gccMtuSize |
| Read-only | no |
| Tab Panel | Port Specifics.General GCC |

Table 2-1957 GCC MTU Size (continued)

| Name | Value |
|------|-------|
| Type | INT |

GCC Packet Type**Table 2-1958 GCC Packet Type**

| Name | Value |
|----------------|--|
| Default | yes:nonStd |
| Description | The GCC standard type. For the 11QPA4 pack, the default value is std and it cannot be changed. For all other supported packs, the default value is nonStd. |
| Displayed name | GCC Packet Type |
| OSS name | gccPacketType |
| Read-only | no |
| Tab Panel | Port Specifics.General GCC |
| Type | GccPacketType |

GCC Type**Table 2-1959 GCC Type**

| Name | Value |
|----------------|---------------------------------|
| Description | The GCC channel type provision. |
| Displayed name | GCC Type |
| OSS name | gccChannelType |
| Read-only | no |
| Tab Panel | Port Specifics.General GCC |
| Type | GccChannelType |

GFP CRC Framing**Table 2-1960 GFP CRC Framing**

| Name | Value |
|----------------|-----------------|
| Description | The Gfp CRC |
| Displayed name | GFP CRC Framing |
| OSS name | gpPortGfpCrc |

Table 2-1960 GFP CRC Framing (continued)

| Name | Value |
|-------------|---|
| Read-only | no |
| Tab Panel | Port Specifics.General Gigabit Ethernet |
| Type | GccPacketType |

Hardware Class**Table 2-1961 Hardware Class**

| Name | Value |
|--------------------------|------------------------------|
| Default | no |
| Displayed name | Hardware Class |
| OSS name | hardwareClass |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | HardwareClassType |
| Enumerated types: | |
| External Alarm Input | |
| Fam | |
| N/A | |

Hardware MAC**Table 2-1962 Hardware MAC**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Hardware MAC |
| OSS name | hwMacAddress |
| Read-only | yes |
| Tab Panel | General General |
| Type | MACADDR |

HDSDI Rate**Table 2-1963 HDSDI Rate**

| Name | Value |
|----------------|---|
| Description | HDSDI rate, which is compatible with existing NTSC systems. |
| Displayed name | HDSDI Rate |
| OSS name | cbrArPortHdsdiRate |
| Read-only | no |
| Tab Panel | Port Specifics.General HDSDI |
| Type | HdsdiRate |
| Units | Gbps |

Hello Interval**Table 2-1964 Hello Interval**

| Name | Value |
|----------------|---------------------------------|
| Description | The hello interval of the link. |
| Displayed name | Hello Interval |
| Maximum | 65534 |
| Minimum | 1 |
| OSS name | cnHelloInterval |
| Read-only | no |
| Tab Panel | Port Specifics.General OSPF |
| Type | LONG |
| Units | seconds |

Hold Time Down**Table 2-1965 Hold Time Down**

| Name | Value |
|----------------|----------------|
| Default | yes:0 |
| Displayed name | Hold Time Down |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | holdTimeDown |
| Read-only | no |

Table 2-1965 Hold Time Down (continued)

| Name | Value |
|-------------|-------------------|
| Tab Panel | General Hold Time |
| Type | INT |
| Units | seconds |

Hold Time Units

Table 2-1966 Hold Time Units

| Name | Value |
|--------------------------|-------------------|
| Default | yes:0 |
| Displayed name | Hold Time Units |
| OSS name | holdTimeUnits |
| Read-only | no |
| Tab Panel | General Hold Time |
| Type | HoldTimeUnitsType |
| Enumerated types: | |
| | Centiseconds |
| | Seconds |

Hold Time Up

Table 2-1967 Hold Time Up

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Hold Time Up |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | holdTimeUp |
| Read-only | no |
| Tab Panel | General Hold Time |
| Type | INT |
| Units | seconds |

Holding IGH**Table 2-1968 Holding IGH**

| Name | Value |
|----------------|------------------------------------|
| Default | yes: |
| Description | ECMP fate sharing group membership |
| Displayed name | Holding IGH |
| OSS name | memberOfIGH |
| Read-only | yes |
| Tab Panel | General IGH Membership |
| Type | POINTER |

HSM DA Egress Scheduler Policy**Table 2-1969 HSM DA Egress Scheduler Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the hsm da scheduler policy used by this port |
| Displayed name | HSM DA Egress Scheduler Policy |
| OSS name | portEgrHsm daSchedulerPolicy |
| Read-only | no |
| Tab Panel | Policies.General HSM DA Scheduler |
| Type | POINTER |

Incoming J0**Table 2-1970 Incoming J0**

| Name | Value |
|----------------|------------------------------------|
| Description | RSMON Egress port incoming TTI. |
| Displayed name | Incoming J0 |
| OSS name | rsmonEgrIncomingTti |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | STRING |

Incoming J0**Table 2-1971 Incoming J0**

| Name | Value |
|----------------|-------------------------------|
| Description | RSMON Ingress incoming TTI. |
| Displayed name | Incoming J0 |
| OSS name | rsmonIngrIncomingTti |
| Read-only | no |
| Tab Panel | Port Specifics.General CBR2G5 |
| Type | STRING |

Incoming J0**Table 2-1972 Incoming J0**

| Name | Value |
|----------------|------------------------------------|
| Description | RSMON Ingress incoming TTI. |
| Displayed name | Incoming J0 |
| OSS name | rsmonIngrIncomingTti |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | STRING |

Incoming J0 Status**Table 2-1973 Incoming J0 Status**

| Name | Value |
|----------------|------------------------------------|
| Description | RSMON Egress Port TTI status. |
| Displayed name | Incoming J0 Status |
| OSS name | rsmonEgrTtiStatus |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | TtiStatus |

Incoming J0 Status

Table 2-1974 Incoming J0 Status

| Name | Value |
|----------------|--------------------------------|
| Description | RSMON Ingress Port TTI status. |
| Displayed name | Incoming J0 Status |
| OSS name | rsmonIngrTtiStatus |
| Read-only | no |
| Tab Panel | Port Specifics.General CBR2G5 |
| Type | TtiStatus |

Incoming J0 Status

Table 2-1975 Incoming J0 Status

| Name | Value |
|----------------|------------------------------------|
| Description | RSMON Ingress Port TTI status. |
| Displayed name | Incoming J0 Status |
| OSS name | rsmonIngrTtiStatus |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | TtiStatus |

Ingress Percentage of Rate

Table 2-1976 Ingress Percentage of Rate

| Name | Value |
|----------------|-------------------------------|
| Default | yes:100 |
| Displayed name | Ingress Percentage of Rate |
| Maximum | 1000 |
| Minimum | 0 |
| OSS name | portIngrPoolPercentageRate |
| Read-only | no |
| Tab Panel | General Port Percentage Rates |
| Type | INT |
| Units | % |

Ingress Pool Policy**Table 2-1977 Ingress Pool Policy**

| Name | Value |
|----------------|---------------------------|
| Default | yes: |
| Displayed name | Ingress Pool Policy |
| OSS name | portIngrNamedPoolPlyc |
| Read-only | no |
| Tab Panel | General Named Buffer Pool |
| Type | POINTER |

Initial Drop Channel Target Power**Table 2-1978 Initial Drop Channel Target Power**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:-8.00 |
| Displayed name | Initial Drop Channel Target Power |
| Maximum | 0.00 |
| Minimum | -20.0 |
| OSS name | dropInitTargetPower |
| Read-only | no |
| Step | 0.10 |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Initial Loss**Table 2-1979 Initial Loss**

| Name | Value |
|----------------|--|
| Default | yes:0.0 |
| Description | Hybrid amplifier port initial VOA attenuation. |
| Displayed name | Initial Loss |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | hybridPortInitialMidLoss |

Table 2-1979 Initial Loss (continued)

| Name | Value |
|-------------|--|
| Read-only | no |
| Tab Panel | Port Specifics.General Mid EVOA Attributes |
| Type | FLOAT |
| Units | dB |

Initial Target Gain

Table 2-1980 Initial Target Gain

| Name | Value |
|----------------|--|
| Default | yes:10.0 |
| Description | Hybrid amplifier port initial AGC target gain. |
| Displayed name | Initial Target Gain |
| Maximum | 20 |
| Minimum | 2 |
| OSS name | hybridPortInitialAgcTargetGain |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | FLOAT |
| Units | dB |

Input LOS Threshold

Table 2-1981 Input LOS Threshold

| Name | Value |
|----------------|-----------------------------|
| Default | yes:-99.0 |
| Description | LOS Threshold for OMD Port. |
| Displayed name | Input LOS Threshold |
| Maximum | 20 |
| Minimum | -32 |
| OSS name | omdPortLosThreshold |
| Read-only | no |
| Tab Panel | Port Specifics.General OMD |
| Type | FLOAT |

Table 2-1981 Input LOS Threshold (continued)

| Name | Value |
|-------|-------|
| Units | dBm |

Input LOS threshold tolerance**Table 2-1982 Input LOS threshold tolerance**

| Name | Value |
|----------------|--|
| Default | yes:100 |
| Description | The tolerance for clearing LOS shutdown,above the set threshold.Current range:0 to 1000. |
| Displayed name | Input LOS threshold tolerance |
| Maximum | 1000 |
| Minimum | 0 |
| OSS name | ampInfoLosThresholdTol |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | INT |
| Units | dB |

Input LOS Threshold Tolerance**Table 2-1983 Input LOS Threshold Tolerance**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | This is the difference above the LOS set and clear points and applies to the SIG_IN of the OMD port of the SFC1, SFC2, SFC4, SFC8, SFD5, and SFD8 cards. |
| Displayed name | Input LOS Threshold Tolerance |
| Maximum | 6 |
| Minimum | 0 |
| OSS name | omdPortLosThresholdTolerance |
| Read-only | no |
| Tab Panel | Port Specifics.General OMD |
| Type | FLOAT |
| Units | dB |

Input Loss of Signal Threshold**Table 2-1984 Input Loss of Signal Threshold**

| Name | Value |
|----------------|--|
| Default | yes:-2500 |
| Description | The threshold for going into LOS shutdown.Current range:-2700to 0. |
| Displayed name | Input Loss of Signal Threshold |
| Maximum | 0 |
| Minimum | -2700 |
| OSS name | ampInfoLosThreshold |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | INT |
| Units | dBm |

Input Power**Table 2-1985 Input Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The measured power at the SIG_IN of the OMD port. |
| Displayed name | Input Power |
| OSS name | omdPortRxPower |
| Read-only | no |
| Tab Panel | Port Specifics.General OMD |
| Type | FLOAT |
| Units | dBm |

Input Power**Table 2-1986 Input Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The received power in mBm. This is accessible from ports 2 and 3 (working or protected) exclusively. |
| Displayed name | Input Power |

Table 2-1986 Input Power (continued)

| Name | Value |
|-------------|----------------------------|
| OSS name | opsTxInputPower |
| Read-only | no |
| Tab Panel | Port Specifics.General OPS |
| Type | FLOAT |
| Units | dBm |

Input to Output Gain**Table 2-1987 Input to Output Gain**

| Name | Value |
|----------------|---|
| Default | yes:15.0 |
| Description | LINEOUT port of the uni-directional amplifier Card. |
| Displayed name | Input to Output Gain |
| OSS name | ampPortInputToOutputGain |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Input to Output Gain**Table 2-1988 Input to Output Gain**

| Name | Value |
|----------------|---|
| Default | yes:15.0 |
| Description | LINEOUT port of the uni-directional amplifier Card. |
| Displayed name | Input to Output Gain |
| OSS name | ampPortInputToOutputGain |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

Input to Output Gain

Table 2-1989 Input to Output Gain

| Name | Value |
|----------------|---|
| Default | yes:7.0 |
| Description | OA module gain - EVOA loss - SEEPROM loss of splitter. Reports the gain from sigIn to sigOut ports of the MESH4 card. |
| Displayed name | Input to Output Gain |
| OSS name | meshPortInputToOutputGain |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dB |

Interface Enabled

Table 2-1990 Interface Enabled

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:0 |
| Description | Interface Enabled |
| Displayed name | Interface Enabled |
| OSS name | interfaceEnabled |
| Read-only | no |
| Tab Panel | Port Specifics.General TOD Attributes |
| Type | PtpTodInterfaceEnabled |

Interface ID

Table 2-1991 Interface ID

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Interface ID |
| OSS name | snmpPortId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Internal Port is Valid XC Endpoint**Table 2-1992 Internal Port is Valid XC Endpoint**

| Name | Value |
|----------------|--|
| Description | Indicates if this is an end point of internal OT cross connect |
| Displayed name | Internal Port is Valid XC Endpoint |
| OSS name | validInternalOTSXCEndPoint |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection |
| Type | BOOL |

IP Address**Table 2-1993 IP Address**

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | Control Network Link IpAddress. |
| Displayed name | IP Address |
| OSS name | cnIpAddr |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | INETADDR |

Is Primary Member**Table 2-1994 Is Primary Member**

| Name | Value |
|----------------|--------------------|
| Default | yes:false |
| Displayed name | Is Primary Member |
| OSS name | isPrimaryLagMember |
| Read-only | yes |
| Tab Panel | General LAG Info |
| Type | BOOL |

J0 Format

Table 2-1995 J0 Format

| Name | Value |
|----------------|------------------------------------|
| Default | yes:specific16Byte |
| Description | RSMON Egress TIMOD. |
| Displayed name | J0 Format |
| OSS name | rsmonEgrTimod |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | RsMonTimod |

J0 Format

Table 2-1996 J0 Format

| Name | Value |
|----------------|-------------------------------|
| Default | yes:specific16Byte |
| Description | RSMON Ingress TIMOD. |
| Displayed name | J0 Format |
| OSS name | rsmonIngrTimod |
| Read-only | no |
| Tab Panel | Port Specifics.General CBR2G5 |
| Type | RsMonTimod |

J0 Format

Table 2-1997 J0 Format

| Name | Value |
|----------------|------------------------------------|
| Default | yes:specific16Byte |
| Description | RSMON Ingress TIMOD. |
| Displayed name | J0 Format |
| OSS name | rsmonIngrTimod |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | RsMonTimod |

J0 Trace Comparison**Table 2-1998 J0 Trace Comparison**

| Name | Value |
|----------------|-------------------------------|
| Description | RSMON Ingress TIM detection. |
| Displayed name | J0 Trace Comparison |
| OSS name | rsmonIngrTimDet |
| Read-only | no |
| Tab Panel | Port Specifics.General CBR2G5 |
| Type | BOOL |

J0 Trace Comparison**Table 2-1999 J0 Trace Comparison**

| Name | Value |
|----------------|------------------------------------|
| Description | RSMON Ingress TIM detection. |
| Displayed name | J0 Trace Comparison |
| OSS name | rsmonIngrTimDet |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | BOOL |

J0 Trace Comparison Enabled**Table 2-2000 J0 Trace Comparison Enabled**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:1 |
| Description | RSMON Egress Tim Detection. |
| Displayed name | J0 Trace Comparison Enabled |
| OSS name | rsmonEgrTimDet |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | RsMonEgrTimDetection |

J0 Trace Mismatch Response

Table 2-2001 J0 Trace Mismatch Response

| Name | Value |
|----------------|---------------------------------------|
| Description | RSMON Ingress TIM consequence action. |
| Displayed name | J0 Trace Mismatch Response |
| OSS name | rsmonIngrTimConsAction |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | DisabledEnabled |

J0 Trace Mismatch Response Enabled

Table 2-2002 J0 Trace Mismatch Response Enabled

| Name | Value |
|----------------|--------------------------------------|
| Default | yes:1 |
| Description | RSMON Egress Tim Consequence Action. |
| Displayed name | J0 Trace Mismatch Response Enabled |
| OSS name | rsmonEgrTimConsAction |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | RsMonEgrTimConsAction |

L2 Profile

Table 2-2003 L2 Profile

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Pointer to the L2 Profile Policy object. |
| Displayed name | L2 Profile |
| OSS name | l2ProfilePointer |
| Read-only | no |
| Tab Panel | Policies.General L2 Profile |
| Type | POINTER |

L2Uplink**Table 2-2004 L2Uplink**

| Name | Value |
|----------------|-----------------|
| Default | yes:false |
| Displayed name | L2Uplink |
| OSS name | isl2UplinkMode |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

LAG ID**Table 2-2005 LAG ID**

| Name | Value |
|----------------|------------------|
| Default | yes:0 |
| Displayed name | LAG ID |
| Maximum | 800 |
| Minimum | 0 |
| OSS name | lagMembershipId |
| Read-only | yes |
| Tab Panel | General LAG Info |
| Type | INT |

Laser Bias Current**Table 2-2006 Laser Bias Current**

| Name | Value |
|----------------|------------------------------|
| Description | OT Port Bias. |
| Displayed name | Laser Bias Current |
| OSS name | otPortBias |
| Read-only | no |
| Tab Panel | Port Specifics.General Laser |
| Type | INT |
| Units | mA |

Laser State

Table 2-2007 Laser State

| Name | Value |
|----------------|------------------------------|
| Description | The laser state of OTU Port. |
| Displayed name | Laser State |
| OSS name | laserState |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | LosPropagation |

Laser Temperature

Table 2-2008 Laser Temperature

| Name | Value |
|----------------|------------------------------|
| Description | OT Port Temperature. |
| Displayed name | Laser Temperature |
| OSS name | otPortTemperature |
| Read-only | no |
| Tab Panel | Port Specifics.General Laser |
| Type | INT |
| Units | C or F |

LBO

Table 2-2009 LBO

| Name | Value |
|----------------|--|
| Displayed name | LBO |
| OSS name | syncEBitsPortLbo |
| Read-only | no |
| Tab Panel | Port Specifics.General BITS Attributes |
| Type | SyncEBitsPortLBO |

Line Code**Table 2-2010 Line Code**

| Name | Value |
|----------------|--|
| Displayed name | Line Code |
| OSS name | syncEBitsPortLineCode |
| Read-only | no |
| Tab Panel | Port Specifics.General BITS Attributes |
| Type | SyncEBitsPortLineCode |

Line Impedance**Table 2-2011 Line Impedance**

| Name | Value |
|----------------|--|
| Description | Line Impedance |
| Displayed name | Line Impedance |
| OSS name | syncEBitsPortLineImpedance |
| Read-only | no |
| Tab Panel | Port Specifics.General BITS Attributes |
| Type | SyncEImpedenceType |

Link Group ID**Table 2-2012 Link Group ID**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:notApplicable |
| Description | > Specifies the port ISL group Id. |
| Displayed name | Link Group ID |
| OSS name | islGroupId |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | ISLGroupIdType |

Link Integrity

Table 2-2013 Link Integrity

| Name | Value |
|----------------|---|
| Description | The Operational status of the associated physical link. |
| Displayed name | Link Integrity |
| OSS name | cnLinkOperStatus |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | OperStatus |

Link Trap

Table 2-2014 Link Trap

| Name | Value |
|----------------|-----------------|
| Default | yes:disable |
| Displayed name | Link Trap |
| OSS name | linkTrap |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Link Up

Table 2-2015 Link Up

| Name | Value |
|----------------|----------------|
| Default | yes:false |
| Displayed name | Link Up |
| OSS name | isLinkUp |
| Read-only | yes |
| Tab Panel | States General |
| Type | BOOL |

Load Balance Algorithm**Table 2-2016 Load Balance Algorithm**

| Name | Value |
|----------------|---|
| Default | yes:notApplicable |
| Description | Specifies the load balancing algorithm to be used on this port. |
| Displayed name | Load Balance Algorithm |
| OSS name | loadBalanceAlgorithm |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.PortLoadBalanceAlgorithm |

LOS Mode**Table 2-2017 LOS Mode**

| Name | Value |
|----------------|----------------------------------|
| Description | The Amplifier Port LOS Mode. |
| Displayed name | LOS Mode |
| OSS name | ampPortLosMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | PortLosMode |

LOS Propagation**Table 2-2018 LOS Propagation**

| Name | Value |
|----------------|-------------------------------------|
| Description | The LOS propagation of Client Port. |
| Displayed name | LOS Propagation |
| OSS name | cpLosProp |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | LosPropagation |

LPT Consequent Action

Table 2-2019 LPT Consequent Action

| Name | Value |
|----------------|---|
| Default | yes:noAction |
| Description | Indicates the 11DPE12A port LPT Consequence Action. |
| Displayed name | LPT Consequent Action |
| OSS name | lptConsequenceAction |
| Read-only | no |
| Tab Panel | Port Specifics.General Ethernet |
| Type | LptCActionType |

MAC Address

Table 2-2020 MAC Address

| Name | Value |
|----------------|--|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | MAC Address |
| OSS name | hwMacAddress |
| Read-only | yes |
| Tab Panel | Port Specifics.General UserPanelCardProperties |
| Type | MACADDR |

Manufacture Date

Table 2-2021 Manufacture Date

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacture Date |
| Maximum | 252 |
| OSS name | manufactureDate |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturer

Table 2-2022 Manufacturer

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturer |
| Maximum | 252 |
| OSS name | manufacturer |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Assembly No

Table 2-2023 Manufacturing Assembly No

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Assembly No |
| OSS name | manufacturingAssemblyNo |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Deviations

Table 2-2024 Manufacturing Deviations

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Deviations |
| OSS name | manufacturingDeviations |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Variant

Table 2-2025 Manufacturing Variant

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Variant |
| OSS name | manufacturingVariant |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Mapping Mode

Table 2-2026 Mapping Mode

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | Indicates the E1T1 Mapping mode |
| Displayed name | Mapping Mode |
| OSS name | mappingMode |
| Read-only | no |
| Tab Panel | Port Specifics.General E1/T1 Specifics |
| Type | E1T1MappingModeType |

Mapping Mode

Table 2-2027 Mapping Mode

| Name | Value |
|----------------|-------------------------------|
| Description | MSMON mapping mode. |
| Displayed name | Mapping Mode |
| OSS name | msmonMappingMode |
| Read-only | no |
| Tab Panel | Port Specifics.General CBR2G5 |
| Type | MappingMode |

Mapping Mode**Table 2-2028 Mapping Mode**

| Name | Value |
|----------------|------------------------------------|
| Description | MSMON mapping mode. |
| Displayed name | Mapping Mode |
| OSS name | msmonMappingMode |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | MappingMode |

Max Power Gain**Table 2-2029 Max Power Gain**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | Applies to the signal port of the amplifier card. |
| Displayed name | Max Power Gain |
| Maximum | 33 |
| Minimum | 6 |
| OSS name | ampPortPowerGainMax |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Maximum Attenuation**Table 2-2030 Maximum Attenuation**

| Name | Value |
|----------------|--|
| Default | yes:20.0 |
| Description | Hybrid amplifier port VOA maximum attenuation. |
| Displayed name | Maximum Attenuation |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | hybridPortVoaMaxAttenuation |

Table 2-2030 Maximum Attenuation (continued)

| Name | Value |
|-------------|--|
| Read-only | no |
| Tab Panel | Port Specifics.General Mid EVOA Attributes |
| Type | FLOAT |
| Units | dB |

Maximum Drop Channel Target Power**Table 2-2031 Maximum Drop Channel Target Power**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:-12.00 |
| Displayed name | Maximum Drop Channel Target Power |
| Maximum | 0.00 |
| Minimum | -20.0 |
| OSS name | dropMaxTargetPower |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Maximum Flat Gain Offset**Table 2-2032 Maximum Flat Gain Offset**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | Provides a correction to the assumed max flat gain value. |
| Displayed name | Maximum Flat Gain Offset |
| Maximum | 5 |
| Minimum | -5 |
| OSS name | ampPortMaxFlatGainOffset |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Maximum Frequency**Table 2-2033 Maximum Frequency**

| Name | Value |
|----------------|---|
| Description | Specifies the maximum frequency accepted by the OCH facility. |
| Displayed name | Maximum Frequency |
| OSS name | chMax |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | ITUChannel |

Maximum Gain**Table 2-2034 Maximum Gain**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | Applies to the signal port of the amplifier card. |
| Displayed name | Maximum Gain |
| Maximum | 33 |
| Minimum | 6 |
| OSS name | ampPortPowerGainMax |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

MD5 Authentication Enabled**Table 2-2035 MD5 Authentication Enabled**

| Name | Value |
|----------------|--|
| Description | Specifies whether MD5 Authentication Enabled or not. |
| Displayed name | MD5 Authentication Enabled |
| OSS name | cnLinkOspfAuthentType |
| Read-only | no |
| Tab Panel | Port Specifics.General OSPF |
| Type | BOOL |

MD5 Key**Table 2-2036 MD5 Key**

| Name | Value |
|----------------|-----------------------------|
| Description | Link OSPF Authentic Key. |
| Displayed name | MD5 Key |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cnLinkOspfAuthKey |
| Read-only | no |
| Tab Panel | Port Specifics.General OSPF |
| Type | STRING |

MD5 Key ID**Table 2-2037 MD5 Key ID**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:1 |
| Description | Link OSPF Authentic Key Id. |
| Displayed name | MD5 Key ID |
| Maximum | 255 |
| Minimum | 1 |
| OSS name | cnLinkOspfAuthKeyId |
| Read-only | no |
| Tab Panel | Port Specifics.General OSPF |
| Type | LONG |

Measured Network Output Power**Table 2-2038 Measured Network Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The present AC output power of the port (EVOA), measured in mBm. It is the power of the full optical signal. |
| Displayed name | Measured Network Output Power |
| Maximum | 4 |

Table 2-2038 Measured Network Output Power (continued)

| Name | Value |
|-------------|--|
| Minimum | -20 |
| OSS name | waveKeyEncodePresentNwOutputPower |
| Read-only | no |
| Step | 0.01 |
| Tab Panel | Port Specifics.General Wave Key Encode |
| Type | FLOAT |
| Units | dBm |

Min Power Gain**Table 2-2039 Min Power Gain**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | Applies to the signal port of the amplifier card. |
| Displayed name | Min Power Gain |
| Maximum | 33 |
| Minimum | 6 |
| OSS name | ampPortPowerGainMin |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Minimum Attenuation**Table 2-2040 Minimum Attenuation**

| Name | Value |
|----------------|--|
| Default | yes:0.0 |
| Description | Hybrid amplifier port VOA minimum attenuation. |
| Displayed name | Minimum Attenuation |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | hybridPortVoaMinAttenuation |

Table 2-2040 Minimum Attenuation (continued)

| Name | Value |
|-------------|--|
| Read-only | no |
| Step | 0.1 |
| Tab Panel | Port Specifics.General Mid EVOA Attributes |
| Type | FLOAT |
| Units | dB |

Minimum Drop Channel Target Power

Table 2-2041 Minimum Drop Channel Target Power

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:-14.00 |
| Displayed name | Minimum Drop Channel Target Power |
| Maximum | 0.00 |
| Minimum | -20.0 |
| OSS name | dropMinTargetPower |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Minimum Frequency

Table 2-2042 Minimum Frequency

| Name | Value |
|----------------|---|
| Description | Specifies the minimum frequency accepted by the OCH facility. |
| Displayed name | Minimum Frequency |
| OSS name | chMin |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | ITUChannel |

Minimum Gain**Table 2-2043 Minimum Gain**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | Applies to the signal port of the amplifier card. |
| Displayed name | Minimum Gain |
| Maximum | 33 |
| Minimum | 6 |
| OSS name | ampPortPowerGainMin |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

Mnemonic**Table 2-2044 Mnemonic**

| Name | Value |
|----------------|----------------------------------|
| Description | Port Mnemonic. |
| Displayed name | Mnemonic |
| OSS name | portMnemonic |
| Read-only | no |
| Tab Panel | Port Specifics.General Inventory |
| Type | STRING |

Mode**Table 2-2045 Mode**

| Name | Value |
|----------------|-----------------|
| Default | yes:undefined |
| Displayed name | Mode |
| OSS name | mode |
| Read-only | no |
| Tab Panel | General General |
| Type | PortMode |

Table 2-2045 Mode (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Access | |
| Hybrid | |
| N/A | |
| Network | |

Monitored Port Connection Loss**Table 2-2046 Monitored Port Connection Loss**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The insertion loss between the LD card MON port and the WTOCM input port. |
| Displayed name | Monitored Port Connection Loss |
| Maximum | 15.0 |
| Minimum | 0.0 |
| OSS name | apWtocmConnLoss |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | FLOAT |
| Units | dB |

Monitored Port Tx**Table 2-2047 Monitored Port Tx**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | LD card port connected to WTOCM input port in transmit direction. |
| Displayed name | Monitored Port Tx |
| OSS name | apWtocmConnAddress |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | POINTER |

MTU**Table 2-2048 MTU**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | MTU |
| OSS name | mtuValue |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |
| Units | bytes |

Multicast From**Table 2-2049 Multicast From**

| Name | Value |
|----------------|---------------------------|
| Description | Broadcast From Port. |
| Displayed name | Multicast From |
| OSS name | IpBroadcastFrom |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | POINTER |

Multicast To**Table 2-2050 Multicast To**

| Name | Value |
|----------------|----------------------------|
| Default | yes:None |
| Description | Client Broadcast Port Map. |
| Displayed name | Multicast To |
| OSS name | cpBroadcastTo |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | STRING |

MW Link Name

Table 2-2051 MW Link Name

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | MW Link Name |
| OSS name | mwLinkPointer |
| Read-only | yes |
| Tab Panel | General MW Link Info |
| Type | POINTER |

Name

Table 2-2052 Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Negotiation Mode

Table 2-2053 Negotiation Mode

| Name | Value |
|----------------|---|
| Description | Negotiation mode with link partner. |
| Displayed name | Negotiation Mode |
| OSS name | negotiationMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Gigabit Ethernet |
| Type | NegotiationMode |

Network Queue Policy Name**Table 2-2054 Network Queue Policy Name**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:default |
| Displayed name | Network Queue Policy Name |
| Maximum | 32 |
| Minimum | 1 |
| OSS name | networkQueuePolicyName |
| Read-only | yes |
| Tab Panel | Policies.General Network Queue |
| Type | STRING |

Network Weight**Table 2-2055 Network Weight**

| Name | Value |
|----------------|---|
| Default | yes:50 |
| Displayed name | Network Weight |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | egressNetworkWeight |
| Read-only | no |
| Tab Panel | General Hybrid Egress Buffer Allocation |
| Type | INT |

Network Weight**Table 2-2056 Network Weight**

| Name | Value |
|----------------|----------------------|
| Default | yes:50 |
| Displayed name | Network Weight |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | ingressNetworkWeight |
| Read-only | no |

Table 2-2056 Network Weight (continued)

| Name | Value |
|-------------|--|
| Tab Panel | General Hybrid Ingress Buffer Allocation |
| Type | INT |

Next Key Info**Table 2-2057 Next Key Info**

| Name | Value |
|----------------|--|
| Description | Port Encryption NextKey Info. |
| Displayed name | Next Key Info |
| Maximum | 256 |
| Minimum | 0 |
| OSS name | nextKeyInfo |
| Read-only | no |
| Tab Panel | Port Specifics.General Encryption Management |
| Type | STRING |

OCH Type**Table 2-2058 OCH Type**

| Name | Value |
|----------------|---|
| Description | The parameter specifies OCH sub-type with the following value |
| Displayed name | OCH Type |
| OSS name | ochType |
| Read-only | yes |
| Tab Panel | Port Specifics.General OT |
| Type | OchType |

ODU Capable**Table 2-2059 ODU Capable**

| Name | Value |
|----------------|-------------|
| Default | yes:false |
| Displayed name | ODU Capable |

Table 2-2059 ODU Capable (continued)

| Name | Value |
|-------------|---------------------------|
| OSS name | oduCapable |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | BOOL |

Operating Mode**Table 2-2060 Operating Mode**

| Name | Value |
|----------------|---|
| Description | Configures the amplifier operating mode:Power:constant signal output power.Gain:constant signal gain. Disabled:pumps are powered down.Only users operating the amplifier for test purposes should set this attribute. This attribute determines the operating mode. |
| Displayed name | Operating Mode |
| OSS name | ampPortOperatingMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | PortOperatingMode |

Operating Mode**Table 2-2061 Operating Mode**

| Name | Value |
|----------------|---|
| Description | Configures the amplifier operating mode:Power:constant signal output power.Gain:constant signal gain. Disabled:pumps are powered down.Only users operating the amplifier for test purposes should set this attribute. This attribute determines the operating mode. |
| Displayed name | Operating Mode |
| OSS name | ampPortOperatingMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Connectivity Testing |
| Type | PortOperatingMode |

Operational Mode

Table 2-2062 Operational Mode

| Name | Value |
|----------------|-------------------------------------|
| Description | The transmission mode of Line Port. |
| Displayed name | Operational Mode |
| OSS name | lpTransmissionMode |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | TransmissionMode |

Operational Mode

Table 2-2063 Operational Mode

| Name | Value |
|----------------|---|
| Description | This attribute determines the operating mode. |
| Displayed name | Operational Mode |
| OSS name | rmnPortOperatingMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | PortOperatingMode |

Operational Mode

Table 2-2064 Operational Mode

| Name | Value |
|----------------|---|
| Description | This attribute determines the operating mode. |
| Displayed name | Operational Mode |
| OSS name | rmnPortOperatingMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | PortOperatingMode |

Operational Mode**Table 2-2065 Operational Mode**

| Name | Value |
|----------------|---|
| Default | yes:nonsync |
| Description | The port Synchronous Ethernet Operation Mode. |
| Displayed name | Operational Mode |
| OSS name | syncEOperMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Ethernet |
| Type | SyncEMode |

Operational State**Table 2-2066 Operational State**

| Name | Value |
|----------------|--|
| Displayed name | Operational State |
| OSS name | facilityOperState |
| Read-only | no |
| Tab Panel | Port Specifics.General Facility States |
| Type | equipment.OperationalState |

Operational State**Table 2-2067 Operational State**

| Name | Value |
|--------------------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | OperationalState |
| Enumerated types: | |
| Booting | |
| Degraded | |
| Diagnosing | |

Table 2-2067 Operational State (continued)

| Name | Value |
|----------------------|-------|
| Disabled | |
| Down | |
| Downgrade | |
| Empty | |
| Enabled | |
| Failed | |
| In Service Downgrade | |
| In Service Upgrade | |
| Indeterminate | |
| Invalid Connection | |
| No Link | |
| Not Present | |
| Not Relevant | |
| Provisioned | |
| Reserved | |
| Reset Pending | |
| Shutting Down | |
| Soft Reset | |
| Testing | |
| Transition | |
| Unknown | |
| Unprovisioned | |
| Unsupported SFF | |
| Up | |
| Upgrade | |

Operational State

Table 2-2068 Operational State

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |

Table 2-2068 Operational State (continued)

| Name | Value |
|--------------------------|------------------|
| Read-only | yes |
| Tab Panel | States General |
| Type | OperationalState |
| Enumerated types: | |
| Booting | |
| Degraded | |
| Diagnosing | |
| Disabled | |
| Down | |
| Downgrade | |
| Empty | |
| Enabled | |
| Failed | |
| In Service Downgrade | |
| In Service Upgrade | |
| Indeterminate | |
| Invalid Connection | |
| No Link | |
| Not Present | |
| Not Relevant | |
| Provisioned | |
| Reserved | |
| Reset Pending | |
| Shutting Down | |
| Soft Reset | |
| Testing | |
| Transition | |
| Unknown | |
| Unprovisioned | |
| Unsupported SFF | |
| Up | |
| Upgrade | |

Opposite Direction Port**Table 2-2069 Opposite Direction Port**

| Name | Value |
|----------------|---|
| Description | Address of opposite direction port when the TX and RX directions are split between two ports. |
| Displayed name | Opposite Direction Port |
| OSS name | apOppDirectionPortAddr |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection |
| Type | POINTER |

Optical Transport Channel Unit**Table 2-2070 Optical Transport Channel Unit**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:disable |
| Displayed name | Optical Transport Channel Unit |
| OSS name | otuEnable |
| Read-only | no |
| Tab Panel | General DWDM |
| Type | INT |

OSC Mode**Table 2-2071 OSC Mode**

| Name | Value |
|----------------|--|
| Description | Control Network OSC mode. |
| Displayed name | OSC Mode |
| OSS name | cnOscMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | OscMode |

OSC Transmitted Input Power**Table 2-2072 OSC Transmitted Input Power**

| Name | Value |
|----------------|--|
| Default | yes:Off |
| Description | The EDFA module OSC transmitted input power of the amplifier card. -9900 indicates no measured power. Current ranges: AM2125A:-9900, -1500 to 1100 AM2125B:-9900, -1500 to 1100 AM2318A:-9900, -1500 to 1100 A2P2125:-9900, -1500 to 1100 AM2032A:-9900, -1500 to 1100 AM2625A:-9900, -2000 to 1100. |
| Displayed name | OSC Transmitted Input Power |
| OSS name | ampPortOSCTxPowerIn |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | STRING |
| Units | dBm |

OSC Transmitted Input Power**Table 2-2073 OSC Transmitted Input Power**

| Name | Value |
|----------------|--|
| Default | yes:Off |
| Description | The EDFA module OSC transmitted input power of the amplifier card. -9900 indicates no measured power. Current ranges: AM2125A:-9900, -1500 to 1100 AM2125B:-9900, -1500 to 1100 AM2318A:-9900, -1500 to 1100 A2P2125:-9900, -1500 to 1100 AM2032A:-9900, -1500 to 1100 AM2625A:-9900, -2000 to 1100. |
| Displayed name | OSC Transmitted Input Power |
| OSS name | ampPortOSCTxPowerIn |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | STRING |
| Units | dBm |

OSC Transmitted Output Power**Table 2-2074 OSC Transmitted Output Power**

| Name | Value |
|---------|---------|
| Default | yes:Off |

Table 2-2074 OSC Transmitted Output Power (continued)

| Name | Value |
|----------------|---|
| Description | The EDFA module OSC transmitted output power of the amplifier card. -9900 indicates no measured power. Current ranges: AM2125A:-9900, -1500 to 1100 AM2125B:-9900, -1500 to 1100 AM2318A:-9900, -1500 to 1100 A2P2125:-9900, -1500 to 1100 AM2032A:-9900, -1500 to 1100 AM2625A:-9900, 0 to 1500. |
| Displayed name | OSC Transmitted Output Power |
| OSS name | ampPortOSCTxPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | STRING |
| Units | dBm |

OSC Transmitted Output Power**Table 2-2075 OSC Transmitted Output Power**

| Name | Value |
|----------------|---|
| Default | yes:Off |
| Description | The EDFA module OSC transmitted output power of the amplifier card. -9900 indicates no measured power. Current ranges: AM2125A:-9900, -1500 to 1100 AM2125B:-9900, -1500 to 1100 AM2318A:-9900, -1500 to 1100 A2P2125:-9900, -1500 to 1100 AM2032A:-9900, -1500 to 1100 AM2625A:-9900, 0 to 1500. |
| Displayed name | OSC Transmitted Output Power |
| OSS name | ampPortOSCTxPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | STRING |
| Units | dBm |

OSPF Adjacency State**Table 2-2076 OSPF Adjacency State**

| Name | Value |
|----------------|----------------------|
| Description | OSPF Adj state. |
| Displayed name | OSPF Adjacency State |
| OSS name | cnOspfAdjacencyState |
| Read-only | no |

Table 2-2076 OSPF Adjacency State (continued)

| Name | Value |
|-------------|-----------------------------|
| Tab Panel | Port Specifics.General OSPF |
| Type | OspfAdjacencyState |

OSPF Area ID**Table 2-2077 OSPF Area ID**

| Name | Value |
|----------------|--|
| Description | For all OSC/GCC interfaces, it will use the same OSPF area which can be provisioned to something other than the default 0.0.0.0. |
| Displayed name | OSPF Area ID |
| OSS name | ospfAreaId |
| Read-only | no |
| Tab Panel | Port Specifics.General OSPF |
| Type | INETADDR |

OSPF Area Index**Table 2-2078 OSPF Area Index**

| Name | Value |
|----------------|-----------------------------|
| Description | OSPF Port Topology Id. |
| Displayed name | OSPF Area Index |
| OSS name | ospfTopologyId |
| Read-only | no |
| Tab Panel | Port Specifics.General OSPF |
| Type | INT |

OSPF Routing State**Table 2-2079 OSPF Routing State**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:disable |
| Description | Control Network OSPF RoutingState. |
| Displayed name | OSPF Routing State |

Table 2-2079 OSPF Routing State (continued)

| Name | Value |
|-------------|-----------------------------|
| OSS name | cnOspfRoutingState |
| Read-only | no |
| Tab Panel | Port Specifics.General OSPF |
| Type | RoutingState |

OTU Encoding**Table 2-2080 OTU Encoding**

| Name | Value |
|----------------|---|
| Description | Specifies the minimum frequency accepted by the OCH facility. |
| Displayed name | OTU Encoding |
| OSS name | encoding |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | OtuEncoding |

OTU Expected TTI**Table 2-2081 OTU Expected TTI**

| Name | Value |
|----------------|----------------------------|
| Default | yes: |
| Description | OTU Expected TTI. |
| Displayed name | OTU Expected TTI |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | otuExTti |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | STRING |

OTU Incoming RES

Table 2-2082 OTU Incoming RES

| Name | Value |
|----------------|------------------------------------|
| Description | This is for OTU2/OTU3 Incoming Exp |
| Displayed name | OTU Incoming RES |
| OSS name | otuIncomingRes |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | STRING |

OTU Incoming TTI

Table 2-2083 OTU Incoming TTI

| Name | Value |
|----------------|----------------------------|
| Description | OTU incoming TTI. |
| Displayed name | OTU Incoming TTI |
| OSS name | otuIncomingTti |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | STRING |

OTU Rate

Table 2-2084 OTU Rate

| Name | Value |
|----------------|----------------------------|
| Description | OCH OTU Rate. |
| Displayed name | OTU Rate |
| OSS name | otuRate |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | OtuRate |
| Units | Gbps |

OTU Transmitted TTI

Table 2-2085 OTU Transmitted TTI

| Name | Value |
|----------------|----------------------------|
| Default | yes: |
| Description | OTU Transmitted TTI. |
| Displayed name | OTU Transmitted TTI |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | otuTxTti |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | STRING |

OTU TTI Comparison

Table 2-2086 OTU TTI Comparison

| Name | Value |
|----------------|----------------------------|
| Description | OTU TIM detection mode. |
| Displayed name | OTU TTI Comparison |
| OSS name | otuTimDetMode |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | TimDetectionMode |

OTU TTI Mismatch Response

Table 2-2087 OTU TTI Mismatch Response

| Name | Value |
|----------------|-----------------------------|
| Description | OTU TIM consequence action. |
| Displayed name | OTU TTI Mismatch Response |
| OSS name | otuTimConsAction |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | TimConsAction |

OTU TTI Status**Table 2-2088 OTU TTI Status**

| Name | Value |
|----------------|----------------------------|
| Description | OTU TTI status. |
| Displayed name | OTU TTI Status |
| OSS name | otuTtiStatus |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | TtiStatus |

Outgoing Quality Level**Table 2-2089 Outgoing Quality Level**

| Name | Value |
|----------------|--|
| Default | yes:act |
| Description | The port SSM/Quality Level Transmission value. |
| Displayed name | Outgoing Quality Level |
| OSS name | outGoingQualityLevel |
| Read-only | no |
| Tab Panel | Port Specifics.General Ethernet |
| Type | OutQualityLevel |

Output LOS Threshold**Table 2-2090 Output LOS Threshold**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | Applies to the SIG_OUT of the OMD port of the SFD5 and SFD8 cards. |
| Displayed name | Output LOS Threshold |
| Maximum | 20 |
| Minimum | -32 |
| OSS name | omdPortLosOutThreshold |
| Read-only | no |
| Tab Panel | Port Specifics.General OMD |
| Type | FLOAT |

Table 2-2090 Output LOS Threshold (continued)

| Name | Value |
|-------|-------|
| Units | dBm |

Output LOS Threshold Tolerance**Table 2-2091 Output LOS Threshold Tolerance**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | This is the difference above the LOS set and clear points and applies to the SIG_out of the OMD port of the SFD5 and SFD8 cards. |
| Displayed name | Output LOS Threshold Tolerance |
| Maximum | 6 |
| Minimum | 0 |
| OSS name | omdPortLosOutThresholdTolerance |
| Read-only | no |
| Tab Panel | Port Specifics.General OMD |
| Type | FLOAT |
| Units | dB |

Output Power**Table 2-2092 Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The measured power at the SIG_OUT of the OMD port. |
| Displayed name | Output Power |
| OSS name | omdPortTxPower |
| Read-only | no |
| Tab Panel | Port Specifics.General OMD |
| Type | FLOAT |
| Units | dBm |

Output VOA Setting**Table 2-2093 Output VOA Setting**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | LINEOUT port of the uni-directional amplifier Card. |
| Displayed name | Output VOA Setting |
| Maximum | 18 |
| Minimum | 0 |
| OSS name | ampPortVoaSet |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Output VOA Setting**Table 2-2094 Output VOA Setting**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | LINEOUT port of the uni-directional amplifier Card. |
| Displayed name | Output VOA Setting |
| Maximum | 18 |
| Minimum | 0 |
| OSS name | ampPortVoaSet |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

Part Number**Table 2-2095 Part Number**

| Name | Value |
|----------------|-------------|
| Default | yes: |
| Displayed name | Part Number |

Table 2-2095 Part Number (continued)

| Name | Value |
|-------------|------------------------------|
| Maximum | 252 |
| OSS name | manufacturerBoardNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Per-Channel Input Power**Table 2-2096 Per-Channel Input Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | Common Ingress Power. This is the per channel default ingress power. |
| Displayed name | Per-Channel Input Power |
| Maximum | 11 |
| Minimum | -30 |
| OSS name | wkPortChannelIngressPower |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Per-Channel Input Power Deviation**Table 2-2097 Per-Channel Input Power Deviation**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:-99.0 |
| Description | Default Deviation In. |
| Displayed name | Per-Channel Input Power Deviation |
| Maximum | 10 |
| Minimum | 0 |
| OSS name | wkPortChPowerDeviationIn |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |

Table 2-2097 Per-Channel Input Power Deviation (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | dB |

Per-Channel Output Power**Table 2-2098 Per-Channel Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | Common Egress Power. This is the per channel default egress power. |
| Displayed name | Per-Channel Output Power |
| Maximum | 11 |
| Minimum | -30 |
| OSS name | wkPortChannelEgressPower |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dBm |

Per-Channel Output Power**Table 2-2099 Per-Channel Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | Common Egress Power. This is the per channel default egress power. |
| Displayed name | Per-Channel Output Power |
| Maximum | 11 |
| Minimum | -30 |
| OSS name | wkPortChannelEgressPower |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Per-Channel Output Power Deviation

Table 2-2100 Per-Channel Output Power Deviation

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | Default Deviation Out. |
| Displayed name | Per-Channel Output Power Deviation |
| Maximum | 10 |
| Minimum | 0 |
| OSS name | wkPortChPowerDeviationOut |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

Per-Channel Output Power Deviation

Table 2-2101 Per-Channel Output Power Deviation

| Name | Value |
|----------------|------------------------------------|
| Default | yes:-99.0 |
| Description | Default Deviation Out. |
| Displayed name | Per-Channel Output Power Deviation |
| Maximum | 10 |
| Minimum | 0 |
| OSS name | wkPortChPowerDeviationOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dB |

Physical State Change Count

Table 2-2102 Physical State Change Count

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 2-2102 Physical State Change Count (continued)

| Name | Value |
|----------------|---|
| Description | This property indicates the number of times a physical port state has changed from 'linkDown (3)' to either 'linkUp (4)' or 'up (5)' and from either 'linkUp (4)' or 'up (5)' to 'linkDown (3)'. The count does not include transitions between 'linkUp (4)' and 'up (5)'. This counter is applicable to physical Ethernet ports only. All other ports maintain a count of 0. |
| Displayed name | Physical State Change Count |
| OSS name | stateChangeCount |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Pluggable Module Temperature**Table 2-2103 Pluggable Module Temperature**

| Name | Value |
|----------------|--|
| Description | The current temperature of the Osc Sfp. |
| Displayed name | Pluggable Module Temperature |
| OSS name | oscSfpPortTemperature |
| Read-only | no |
| Tab Panel | Port Specifics.General OSC / OSCSFP Attributes |
| Type | INT |

Pluggable Module Type**Table 2-2104 Pluggable Module Type**

| Name | Value |
|----------------|---------------------------------|
| Description | The programmed XFP or SFP type. |
| Displayed name | Pluggable Module Type |
| OSS name | portXfpType |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | XfpType |

Port AINS**Table 2-2105 Port AINS**

| Name | Value |
|----------------|---|
| Description | If the user has set Port AINS to true, the port admin state is set to up by the system. If the port admin state has been set up or down, Port AINS is set to false by the system, unless the user had specified admin up and Port AINS true. Disabling Port AINS against a client port of an OT card may result in disabling Port AINS against the line port of that OT card. |
| Displayed name | Port AINS |
| OSS name | apAins |
| Read-only | no |
| Tab Panel | Port Specifics.General AINS |
| Type | BOOL |

Port AINS Mode**Table 2-2106 Port AINS Mode**

| Name | Value |
|----------------|-----------------------------|
| Displayed name | Port AINS Mode |
| OSS name | ainsMode |
| Read-only | no |
| Tab Panel | Port Specifics.General AINS |
| Type | AinsMode |

Port Group**Table 2-2107 Port Group**

| Name | Value |
|----------------|--------------------------------|
| Default | yes: |
| Displayed name | Port Group |
| OSS name | portGroupPointer |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | POINTER |

Port Mode**Table 2-2108 Port Mode**

| Name | Value |
|--------------------------|---|
| Description | PMODE (Port Mode), determines if the conditions for the facility are reported or not. |
| Displayed name | Port Mode |
| OSS name | portMode |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | PortMode |
| Enumerated types: | |
| Access | |
| Hybrid | |
| N/A | |
| Network | |

Port Role**Table 2-2109 Port Role**

| Name | Value |
|----------------|--|
| Default | yes:notApplicable |
| Description | Specifies the role (client/line) for the port. |
| Displayed name | Port Role |
| OSS name | portRole |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | PortRole |

Port Role**Table 2-2110 Port Role**

| Name | Value |
|----------------|------------------------|
| Default | yes:unspecified |
| Description | Used for the GUI only. |
| Displayed name | Port Role |
| OSS name | terminationPointRole |

Table 2-2110 Port Role (continued)

| Name | Value |
|-------------|--------------------------------|
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | TerminationPointRole |

Port Scheduler Policy**Table 2-2111 Port Scheduler Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the port scheduler policy used by this port |
| Displayed name | Port Scheduler Policy |
| OSS name | portSchedulerPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Port Scheduler |
| Type | POINTER |

Port TCA Profile**Table 2-2112 Port TCA Profile**

| Name | Value |
|----------------|--|
| Default | yes: |
| Displayed name | Port TCA Profile |
| OSS name | portTCAProfilePointer |
| Read-only | no |
| Tab Panel | Port Specifics.Performance.Ethernet TCA Profile Assignment General |
| Type | POINTER |

Port Type**Table 2-2113 Port Type**

| Name | Value |
|-------------|--|
| Description | Specifies the port type which can be distinguished: - NORMALSO normal optical physical STMn port - TRANSTDMOT transparent TDM OTU client STMn port |

Table 2-2113 Port Type (continued)

| Name | Value |
|----------------|------------------------------------|
| Displayed name | Port Type |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ocnStmnPortType |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | STRING |

Port Usage**Table 2-2114 Port Usage**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Port Usage |
| OSS name | portUsage |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | INT |

Post-FEC BER**Table 2-2115 Post-FEC BER**

| Name | Value |
|----------------|----------------------------|
| Description | This is for OTU4 FEC Mode. |
| Displayed name | Post-FEC BER |
| OSS name | otuPostFecBER |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | STRING |

Power Achieved**Table 2-2116 Power Achieved**

| Name | Value |
|----------------|---|
| Description | The parameter specifies whether the target output power is achieved (value Y) or not (value N). |
| Displayed name | Power Achieved |
| OSS name | powerAchieved |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | BOOL |

Power Control Enabled**Table 2-2117 Power Control Enabled**

| Name | Value |
|----------------|--|
| Description | The parameter specifies whether WaveTracker power control is enabled (value: Y) or not (value N) . . |
| Displayed name | Power Control Enabled |
| OSS name | waveKeyEncodePowerControl |
| Read-only | no |
| Tab Panel | Port Specifics.General Wave Key Encode |
| Type | BOOL |

Power Delta**Table 2-2118 Power Delta**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The parameter describes the acceptable power delta (unit: dBm){BR} from the target transmit power at the addressed WaveTracker encoder (TXDELTAPOWER: Transmit Delta Power). |
| Displayed name | Power Delta |
| Maximum | 99.99 |
| Minimum | -99.99 |
| OSS name | otPortPowerDelta |
| Read-only | no |

Table 2-2118 Power Delta (continued)

| Name | Value |
|-------------|---------------------------|
| Tab Panel | Port Specifics.General OT |
| Type | FLOAT |
| Units | dBm |

Power Gain**Table 2-2119 Power Gain**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | Applies to the signal port of the amplifier card. |
| Displayed name | Power Gain |
| Maximum | 33 |
| Minimum | 6 |
| OSS name | ampPortPowerGain |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Power Management Type**Table 2-2120 Power Management Type**

| Name | Value |
|----------------|--------------------------------------|
| Description | The type of power management egress. |
| Displayed name | Power Management Type |
| OSS name | powerMgmtTypeOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | PowerMgmtType |

Power Setting

Table 2-2121 Power Setting

| Name | Value |
|----------------|---|
| Default | yes:3.00 |
| Description | Configures the power setting for signal output power in power mode.The operating mode tnAarPortConfigOperatingMode must be configured to Power prior to setting the power. Only use for test purposes.Current configurable range:-500to 1000. |
| Displayed name | Power Setting |
| Maximum | 10.00 |
| Minimum | -5.00 |
| OSS name | ampPowerSetting |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Power Setting

Table 2-2122 Power Setting

| Name | Value |
|----------------|---|
| Default | yes:3.00 |
| Description | Configures the power setting for signal output power in power mode.The operating mode tnAarPortConfigOperatingMode must be configured to Power prior to setting the power. Only use for test purposes.Current configurable range:-500to 1000. |
| Displayed name | Power Setting |
| Maximum | 10.00 |
| Minimum | -5.00 |
| OSS name | ampPowerSetting |
| Read-only | no |
| Tab Panel | Port Specifics.General Connectivity Testing |
| Type | FLOAT |
| Units | dB |

Power Target**Table 2-2123 Power Target**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The parameter specifies the target transmit power (unit: dBm) {BR} at the addressed WaveTracker (TXTARGETPOWER: Transmit Target Power). |
| Displayed name | Power Target |
| Maximum | 99.99 |
| Minimum | -99.99 |
| OSS name | otPortPowerTarget |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | FLOAT |
| Units | dBm |

PPS Status**Table 2-2124 PPS Status**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:0 |
| Description | Direction |
| Displayed name | PPS Status |
| OSS name | ppsStatus |
| Read-only | no |
| Tab Panel | Port Specifics.General TOD Attributes |
| Type | PtpTodPPSStatus |

Pre-FEC BER**Table 2-2125 Pre-FEC BER**

| Name | Value |
|----------------|----------------------------|
| Description | This is for OTU4 FEC Mode. |
| Displayed name | Pre-FEC BER |
| OSS name | otuPreFecBER |
| Read-only | no |

Table 2-2125 Pre-FEC BER (continued)

| Name | Value |
|-------------|----------------------------|
| Tab Panel | Port Specifics.General OTU |
| Type | STRING |

Present Duplex Mode**Table 2-2126 Present Duplex Mode**

| Name | Value |
|----------------|---|
| Default | yes:full |
| Description | Defines the current mode of operation of the MAC entity. 'unkwn' indicates that the current duplex mode could not be determined. Management control of the duplex mode is accomplished through the MAU MIB. When an interface does not support autonegotiation, or when autonegotiation is not enabled, the duplex mode is controlled using ifMauDefaultType. When autonegotiation is supported and enabled, duplex mode is controlled using ifMauAutoNegAdvertisedBits. In either case, the currently operating duplex mode is reflected both in this object and in ifMauType. Note that this object provides redundant information with ifMauType. Normally, redundant objects are discouraged. However, in this instance, it allows a management application to determine the duplex status of an interface without having to know every possible value of ifMauType. This was felt to be sufficiently valuable to justify the redundancy. |
| Displayed name | Present Duplex Mode |
| OSS name | dot3StatsDuplexStatus |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | Duplex |

Present Link Speed**Table 2-2127 Present Link Speed**

| Name | Value |
|----------------|--|
| Default | yes:100 |
| Description | Duplicated from OpticalPortSpecifics |
| Displayed name | Present Link Speed |
| OSS name | portSpeed |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | INT |
| Units | Mbps |

Present MTU Size**Table 2-2128 Present MTU Size**

| Name | Value |
|----------------|--|
| Default | yes:Not Available |
| Description | The actual (negotiated) Maximum Transmission Unit size, in units of bytes with default value -1, when the MTU size has not yet been negotiated. The default value -1 should be interpreted by UIs as '-1'. |
| Displayed name | Present MTU Size |
| OSS name | oscMtuNeg |
| Read-only | no |
| Tab Panel | Port Specifics.General OSC / OSCSFP Attributes |
| Type | STRING |

Previous State**Table 2-2129 Previous State**

| Name | Value |
|--------------------------|----------------|
| Default | yes:1 |
| Displayed name | Previous State |
| OSS name | previousState |
| Read-only | yes |
| Tab Panel | States General |
| Type | PortState |
| Enumerated types: | |
| Diagnose | |
| Ghost | |
| Link Down | |
| Link Up | |
| None | |
| Up | |

Primary State

Table 2-2130 Primary State

| Name | Value |
|----------------|--|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | Port Specifics.General Facility States |
| Type | PrimaryStateType |

Primary State

Table 2-2131 Primary State

| Name | Value |
|----------------|------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | PrimaryStateType |

Protection Time Slot

Table 2-2132 Protection Time Slot

| Name | Value |
|----------------|--|
| Description | This is for 11dpge12, string built using protTs1 and protTs2 values. |
| Displayed name | Protection Time Slot |
| OSS name | protectionTimeSlot |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | STRING |

Provisioned Duplex Mode**Table 2-2133 Provisioned Duplex Mode**

| Name | Value |
|----------------|--|
| Default | yes:auto |
| Description | Control Network Link Duplex. |
| Displayed name | Provisioned Duplex Mode |
| OSS name | cnLinkDuplex |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | Duplex |

Provisioned Link Speed**Table 2-2134 Provisioned Link Speed**

| Name | Value |
|----------------|--|
| Default | yes:auto |
| Description | Control Network Link Speed. |
| Displayed name | Provisioned Link Speed |
| OSS name | cnLinkSpeed |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | LinkSpeed |

Provisioned MTU Size**Table 2-2135 Provisioned MTU Size**

| Name | Value |
|----------------|--|
| Default | yes:1491 |
| Description | The MTU size for OSC interface, which to allow remote monitoring of RAMAN/EDFA devices as well remote monitoring of RAMAN/EDFA devices as well as to limit overall packet fragmentation in the network |
| Displayed name | Provisioned MTU Size |
| Maximum | 1500 |
| Minimum | 576 |
| OSS name | oscSfpPortMtu |

Table 2-2135 Provisioned MTU Size (continued)

| Name | Value |
|-------------|--|
| Read-only | no |
| Tab Panel | Port Specifics.General OSC / OSCSFP Attributes |
| Type | INT |

Proxy ARP**Table 2-2136 Proxy ARP**

| Name | Value |
|----------------|--|
| Description | Control Network Proxy Arp configured. |
| Displayed name | Proxy ARP |
| OSS name | cnProxyArp |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | BOOL |

Pst Correlated**Table 2-2137 Pst Correlated**

| Name | Value |
|----------------|---|
| Description | PSTCORR, determines the set of conditions which are correlated with PMODE/PST state |
| Displayed name | Pst Correlated |
| OSS name | pstCorr |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | PstCorr |

Pulse Format**Table 2-2138 Pulse Format**

| Name | Value |
|----------------|--------------|
| Default | yes:0 |
| Description | Direction |
| Displayed name | Pulse Format |

Table 2-2138 Pulse Format (continued)

| Name | Value |
|-------------|---------------------------------------|
| OSS name | pulseFormat |
| Read-only | no |
| Tab Panel | Port Specifics.General TOD Attributes |
| Type | PtpTodPulseFormat |

Pump 1 Power**Table 2-2139 Pump 1 Power**

| Name | Value |
|----------------|------------------------------|
| Description | The Pump1 Power for LineIn. |
| Displayed name | Pump 1 Power |
| Maximum | 400 |
| Minimum | 0 |
| OSS name | rmnPump1Power |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | INT |
| Units | mW |

Pump 1 Power**Table 2-2140 Pump 1 Power**

| Name | Value |
|----------------|---|
| Description | The Pump1 Power for LineIn. |
| Displayed name | Pump 1 Power |
| Maximum | 400 |
| Minimum | 0 |
| OSS name | rmnPump1Power |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | INT |
| Units | mW |

Pump 2 Power

Table 2-2141 Pump 2 Power

| Name | Value |
|----------------|------------------------------|
| Description | The Pump2 Power for LineIn. |
| Displayed name | Pump 2 Power |
| Maximum | 400 |
| Minimum | 0 |
| OSS name | rmnPump2Power |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | INT |
| Units | mW |

Pump 2 Power

Table 2-2142 Pump 2 Power

| Name | Value |
|----------------|---|
| Description | The Pump2 Power for LineIn. |
| Displayed name | Pump 2 Power |
| Maximum | 400 |
| Minimum | 0 |
| OSS name | rmnPump2Power |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | INT |
| Units | mW |

Pump 3 Power

Table 2-2143 Pump 3 Power

| Name | Value |
|----------------|-----------------------------|
| Description | The Pump3 Power for LineIn. |
| Displayed name | Pump 3 Power |
| Maximum | 400 |
| Minimum | 0 |

Table 2-2143 Pump 3 Power (continued)

| Name | Value |
|-------------|---|
| OSS name | rmnPump3Power |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | INT |
| Units | mW |

Pump 4 Power

Table 2-2144 Pump 4 Power

| Name | Value |
|----------------|---|
| Description | The Pump4 Power for LineIn. |
| Displayed name | Pump 4 Power |
| Maximum | 400 |
| Minimum | 0 |
| OSS name | rmnPump4Power |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | INT |
| Units | mW |

Pump Bias Current

Table 2-2145 Pump Bias Current

| Name | Value |
|----------------|----------------------------------|
| Description | The pump laser bias current. |
| Displayed name | Pump Bias Current |
| OSS name | ampPumpBiasCurrent |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | INT |
| Units | mA |

Pump Temperature**Table 2-2146 Pump Temperature**

| Name | Value |
|----------------|----------------------------------|
| Description | The pump temperature. |
| Displayed name | Pump Temperature |
| OSS name | ampPumpTemp |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | INT |
| Units | C or F |

Pumps disabled on Input LOS**Table 2-2147 Pumps disabled on Input LOS**

| Name | Value |
|----------------|---|
| Default | yes:losA |
| Description | The LOS mode of the amplifier.LOS A:Amplifier pumps become idle under loss of input signal.LOS N:Amplifier pumps remain enabled under loss of input signal. |
| Displayed name | Pumps disabled on Input LOS |
| OSS name | ampInfoLosMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | LosMode |

Pumps disabled on Input LOS**Table 2-2148 Pumps disabled on Input LOS**

| Name | Value |
|----------------|---|
| Default | yes:losA |
| Description | The LOS mode of the amplifier.LOS A:Amplifier pumps become idle under loss of input signal.LOS N:Amplifier pumps remain enabled under loss of input signal. |
| Displayed name | Pumps disabled on Input LOS |
| OSS name | ampInfoLosMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Connectivity Testing |

Table 2-2148 Pumps disabled on Input LOS (continued)

| Name | Value |
|------|---------|
| Type | LosMode |

Queue 1**Table 2-2149 Queue 1**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 1 |
| OSS name | portStatsQueue1PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 2**Table 2-2150 Queue 2**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 2 |
| OSS name | portStatsQueue2PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 3**Table 2-2151 Queue 3**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 3 |
| OSS name | portStatsQueue3PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |

Table 2-2151 Queue 3 (continued)

| Name | Value |
|------|-------|
| Type | BOOL |

Queue 4

Table 2-2152 Queue 4

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 4 |
| OSS name | portStatsQueue4PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 5

Table 2-2153 Queue 5

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 5 |
| OSS name | portStatsQueue5PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 6

Table 2-2154 Queue 6

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 6 |
| OSS name | portStatsQueue6PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |

Table 2-2154 Queue 6 (continued)

| Name | Value |
|------|-------|
| Type | BOOL |

Queue 7**Table 2-2155 Queue 7**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 7 |
| OSS name | portStatsQueue7PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 8**Table 2-2156 Queue 8**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 8 |
| OSS name | portStatsQueue8PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Reason Down**Table 2-2157 Reason Down**

| Name | Value |
|----------------|--|
| Default | no |
| Description | Indicates why a port may be in the operationally 'down' state. |
| Displayed name | Reason Down |
| OSS name | reasonDown |
| Read-only | yes |

Table 2-2157 Reason Down (continued)

| Name | Value |
|-------------|----------------|
| Tab Panel | States General |
| Type | LONG |

Receive Frequency**Table 2-2158 Receive Frequency**

| Name | Value |
|----------------|---------------------------|
| Description | The Rx Port ITU channel. |
| Displayed name | Receive Frequency |
| OSS name | nwPortChannelRx |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | ITUChannel |

Receive Lane Power**Table 2-2159 Receive Lane Power**

| Name | Value |
|----------------|---|
| Description | OT Baseline RX lane power. |
| Displayed name | Receive Lane Power |
| Maximum | 400 |
| Minimum | 0 |
| OSS name | otPortRxLaneBslPowers |
| Read-only | no |
| Tab Panel | Port Specifics.General Lane Power Baseline Values |
| Type | STRING |
| Units | dBm |

Receive Lane Power**Table 2-2160 Receive Lane Power**

| Name | Value |
|-------------|--|
| Description | CFP receive lane powers for the number of lanes supported by a CFP type. |

Table 2-2160 Receive Lane Power (continued)

| Name | Value |
|----------------|---|
| Displayed name | Receive Lane Power |
| OSS name | otPortRxLanePowers |
| Read-only | no |
| Tab Panel | Port Specifics.General Lane Power Measured Values |
| Type | STRING |
| Units | dBm |

Receive Power**Table 2-2161 Receive Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | OT RX power. |
| Displayed name | Receive Power |
| OSS name | otPortRxPower |
| Read-only | no |
| Tab Panel | Port Specifics.General General Attributes |
| Type | FLOAT |
| Units | dBm |

Receive Power**Table 2-2162 Receive Power**

| Name | Value |
|----------------|---------------------------|
| Default | yes:-99.0 |
| Description | OT RX power. |
| Displayed name | Receive Power |
| OSS name | otPortRxPower |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | FLOAT |
| Units | dBm |

Received Trace Mode**Table 2-2163 Received Trace Mode**

| Name | Value |
|----------------|--|
| Default | yes:16 |
| Description | Determines the format of the incoming/received section trace |
| Displayed name | Received Trace Mode |
| OSS name | trcRcvMode |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | TrcRcvModeType |

Redistribute**Table 2-2164 Redistribute**

| Name | Value |
|----------------|--|
| Default | yes:disable |
| Description | Redistribute state. |
| Displayed name | Redistribute |
| OSS name | redistribute |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | RedistributeEnabled |

Regen Response**Table 2-2165 Regen Response**

| Name | Value |
|----------------|----------------------------|
| Description | Regen Response. |
| Displayed name | Regen Response |
| OSS name | regenResponse |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | LosPropagation |

Repair Margin**Table 2-2166 Repair Margin**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:-99.0 |
| Description | EPT - splice margin. |
| Displayed name | Repair Margin |
| OSS name | ampPortPowerSpanRepairMargin |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Repair Margin**Table 2-2167 Repair Margin**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | EPT - splice margin. |
| Displayed name | Repair Margin |
| OSS name | ampPortPowerSpanRepairMargin |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

Router Priority**Table 2-2168 Router Priority**

| Name | Value |
|----------------|----------------------------------|
| Description | The router priority of the link. |
| Displayed name | Router Priority |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | cnRtrPriority |
| Read-only | no |

Table 2-2168 Router Priority (continued)

| Name | Value |
|-------------|-----------------------------|
| Tab Panel | Port Specifics.General OSPF |
| Type | LONG |

Rx Decision Threshold Voltage Adjustment**Table 2-2169 Rx Decision Threshold Voltage Adjustment**

| Name | Value |
|----------------|--|
| Default | yes:true |
| Displayed name | Rx Decision Threshold Voltage Adjustment |
| OSS name | rxdtvAdjust |
| Read-only | no |
| Tab Panel | General DWDM |
| Type | BOOL |

SA Bit**Table 2-2170 SA Bit**

| Name | Value |
|----------------|--|
| Description | SA Bit |
| Displayed name | SA Bit |
| OSS name | syncEBitsPortSaBit |
| Read-only | no |
| Tab Panel | Port Specifics.General BITS Attributes |
| Type | SyncEBitsPortSABit |

Secondary State**Table 2-2171 Secondary State**

| Name | Value |
|----------------|-----------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |

Table 2-2171 Secondary State (continued)

| Name | Value |
|-------------|--|
| Tab Panel | Port Specifics.General Facility States |
| Type | SecondaryStateType |

Secondary State

Table 2-2172 Secondary State

| Name | Value |
|----------------|--------------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | SecondaryStateType |

Serial Number

Table 2-2173 Serial Number

| Name | Value |
|----------------|----------------------------------|
| Description | Port Serial Number. |
| Displayed name | Serial Number |
| OSS name | portSerialNum |
| Read-only | no |
| Tab Panel | Port Specifics.General Inventory |
| Type | STRING |

Serial Number

Table 2-2174 Serial Number

| Name | Value |
|----------------|---------------|
| Default | yes: |
| Displayed name | Serial Number |
| Maximum | 252 |
| OSS name | serialNumber |

Table 2-2174 Serial Number (continued)

| Name | Value |
|-------------|------------------------------|
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Serial Type**Table 2-2175 Serial Type**

| Name | Value |
|----------------|-----------------|
| Default | yes:rs232 |
| Displayed name | Serial Type |
| OSS name | serialType |
| Read-only | no |
| Tab Panel | General General |
| Type | SerialType |

Service Launch Attenuation Offset**Table 2-2176 Service Launch Attenuation Offset**

| Name | Value |
|----------------|---|
| Description | Added to the nominal attenuation lookup by WSS containing pack. Only applies to connectivity block in directionless architecture. Current configurable range: 0 to 1000 |
| Displayed name | Service Launch Attenuation Offset |
| Maximum | 10.0 |
| Minimum | 0.0 |
| OSS name | powerMgmtEgressLHLlaunchAtten |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dB |

SIG1**Table 2-2177 SIG1**

| Name | Value |
|----------------|--|
| Default | yes:16 |
| Description | Insertion loss to port SIG1 when disposed to this path. Add direction. |
| Displayed name | SIG1 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | addInsertionLossToSig1 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Add Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG1**Table 2-2178 SIG1**

| Name | Value |
|----------------|---|
| Default | yes:16 |
| Description | Insertion loss from port SIG1 when disposed to this path. Drop direction. |
| Displayed name | SIG1 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | dropInsertionLossFromSig1 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Drop Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG2**Table 2-2179 SIG2**

| Name | Value |
|-------------|--|
| Default | yes:16 |
| Description | Insertion loss to port SIG2 when disposed to this path. Add direction. |

Table 2-2179 SIG2 (continued)

| Name | Value |
|----------------|---|
| Displayed name | SIG2 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | addInsertionLossToSig2 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Add Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG2

Table 2-2180 SIG2

| Name | Value |
|----------------|---|
| Default | yes:16 |
| Description | Insertion loss from port SIG2 when disposed to this path. Drop direction. |
| Displayed name | SIG2 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | dropInsertionLossFromSig2 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Drop Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG3

Table 2-2181 SIG3

| Name | Value |
|----------------|--|
| Default | yes:16 |
| Description | Insertion loss to port SIG3 when disposed to this path. Add direction. |
| Displayed name | SIG3 |
| Maximum | 20 |
| Minimum | 0 |

Table 2-2181 SIG3 (continued)

| Name | Value |
|-------------|---|
| OSS name | addInsertionLossToSig3 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Add Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG3**Table 2-2182 SIG3**

| Name | Value |
|----------------|---|
| Default | yes:16 |
| Description | Insertion loss from port SIG3 when disposed to this path. Drop direction. |
| Displayed name | SIG3 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | dropInsertionLossFromSig3 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Drop Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG4**Table 2-2183 SIG4**

| Name | Value |
|----------------|--|
| Default | yes:16 |
| Description | Insertion loss to port SIG4 when disposed to this path. Add direction. |
| Displayed name | SIG4 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | addInsertionLossToSig4 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Add Insertion Loss |

Table 2-2183 SIG4 (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | dB |

SIG4**Table 2-2184 SIG4**

| Name | Value |
|----------------|---|
| Default | yes:16 |
| Description | Insertion loss from port SIG4 when disposed to this path. Drop direction. |
| Displayed name | SIG4 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | dropInsertionLossFromSig4 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Drop Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG5**Table 2-2185 SIG5**

| Name | Value |
|----------------|--|
| Default | yes:16 |
| Description | Insertion loss to port SIG5 when disposed to this path. Add direction. |
| Displayed name | SIG5 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | addInsertionLossToSig5 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Add Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG5**Table 2-2186 SIG5**

| Name | Value |
|----------------|---|
| Default | yes:16 |
| Description | Insertion loss from port SIG5 when disposed to this path. Drop direction. |
| Displayed name | SIG5 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | dropInsertionLossFromSig5 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Drop Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG6**Table 2-2187 SIG6**

| Name | Value |
|----------------|--|
| Default | yes:16 |
| Description | Insertion loss to port SIG6 when disposed to this path. Add direction. |
| Displayed name | SIG6 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | addInsertionLossToSig6 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Add Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG6**Table 2-2188 SIG6**

| Name | Value |
|-------------|---|
| Default | yes:16 |
| Description | Insertion loss from port SIG6 when disposed to this path. Drop direction. |

Table 2-2188 SIG6 (continued)

| Name | Value |
|----------------|--|
| Displayed name | SIG6 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | dropInsertionLossFromSig6 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Drop Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG7

Table 2-2189 SIG7

| Name | Value |
|----------------|--|
| Default | yes:16 |
| Description | Insertion loss to port SIG7 when disposed to this path. Add direction. |
| Displayed name | SIG7 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | addInsertionLossToSig7 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Add Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG7

Table 2-2190 SIG7

| Name | Value |
|----------------|---|
| Default | yes:16 |
| Description | Insertion loss from port SIG7 when disposed to this path. Drop direction. |
| Displayed name | SIG7 |
| Maximum | 20 |
| Minimum | 0 |

Table 2-2190 SIG7 (continued)

| Name | Value |
|-------------|--|
| OSS name | dropInsertionLossFromSig7 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Drop Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG8**Table 2-2191 SIG8**

| Name | Value |
|----------------|--|
| Default | yes:16 |
| Description | Insertion loss to port SIG8 when disposed to this path. Add direction. |
| Displayed name | SIG8 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | addInsertionLossToSig8 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Add Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG8**Table 2-2192 SIG8**

| Name | Value |
|----------------|---|
| Default | yes:16 |
| Description | Insertion loss from port SIG8 when disposed to this path. Drop direction. |
| Displayed name | SIG8 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | dropInsertionLossFromSig8 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Drop Insertion Loss |

Table 2-2192 SIG8 (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | dB |

Signal Degrade Threshold**Table 2-2193 Signal Degrade Threshold**

| Name | Value |
|----------------|--|
| Description | Integer range 5 to 9, representing 10**5 to 10**9. |
| Displayed name | Signal Degrade Threshold |
| OSS name | ampPortSignalDegradeThreshold |
| Read-only | no |
| Tab Panel | Port Specifics.General OSC / OSCSFP Attributes |
| Type | PortSignalDegradeThreshold |

Signal Degrade Threshold**Table 2-2194 Signal Degrade Threshold**

| Name | Value |
|----------------|-------------------------------------|
| Description | BER Threshold for SD defect (SDTH). |
| Displayed name | Signal Degrade Threshold |
| OSS name | msmonPortDegThLevel |
| Read-only | no |
| Tab Panel | Port Specifics.General CBR2G5 |
| Type | MsmmonSDTH |

Signal Degrade Threshold**Table 2-2195 Signal Degrade Threshold**

| Name | Value |
|----------------|-------------------------------------|
| Description | BER Threshold for SD defect (SDTH). |
| Displayed name | Signal Degrade Threshold |
| OSS name | msmonPortDegThLevel |
| Read-only | no |

Table 2-2195 Signal Degrade Threshold (continued)

| Name | Value |
|-------------|------------------------------------|
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | MsmoSDTH |

Signal Failure Threshold**Table 2-2196 Signal Failure Threshold**

| Name | Value |
|----------------|--|
| Description | Integer range 4 to 5, representing 10**4 to 10**5. |
| Displayed name | Signal Failure Threshold |
| OSS name | ampPortSignalFailThreshold |
| Read-only | no |
| Tab Panel | Port Specifics.General OSC / OSCSFP Attributes |
| Type | PortSignalFailThreshold |

Signal Failure Threshold**Table 2-2197 Signal Failure Threshold**

| Name | Value |
|----------------|--|
| Description | BER Threshold for excessive BER defect (SFTH). |
| Displayed name | Signal Failure Threshold |
| OSS name | msmonExcThLevel |
| Read-only | no |
| Tab Panel | Port Specifics.General CBR2G5 |
| Type | MsmoSFTH |

Signal Failure Threshold**Table 2-2198 Signal Failure Threshold**

| Name | Value |
|----------------|--|
| Description | BER Threshold for excessive BER defect (SFTH). |
| Displayed name | Signal Failure Threshold |
| OSS name | msmonExcThLevel |
| Read-only | no |

Table 2-2198 Signal Failure Threshold (continued)

| Name | Value |
|-------------|------------------------------------|
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | MsmoSFTH |

Signal Mode**Table 2-2199 Signal Mode**

| Name | Value |
|----------------|------------------------------------|
| Description | RSMON Egress Port signal mode. |
| Displayed name | Signal Mode |
| OSS name | rsmonEgrSigMode |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | RsMonSigMode |

Signal Mode**Table 2-2200 Signal Mode**

| Name | Value |
|----------------|------------------------------------|
| Description | RSMON Ingress signal mode. |
| Displayed name | Signal Mode |
| OSS name | rsmonIngrSigMode |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | RsMonSigMode |

Signal Output Power**Table 2-2201 Signal Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total input power plus the programmed gain. Applies to the signal port of the amplifier card |
| Displayed name | Signal Output Power |

Table 2-2201 Signal Output Power (continued)

| Name | Value |
|-------------|----------------------------------|
| OSS name | ampPortSignalPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dBm |

Signal Output Power**Table 2-2202 Signal Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total input power plus the programmed gain. Applies to the signal port of the amplifier card |
| Displayed name | Signal Output Power |
| OSS name | ampPortSignalPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dBm |

Signal Output Power**Table 2-2203 Signal Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total input power plus the programmed gain. Applies to the output port of the mesh card. |
| Displayed name | Signal Output Power |
| OSS name | meshPortSignalPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Signal Output Power**Table 2-2204 Signal Output Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The signal power out of the Raman LINEOUT port. |
| Displayed name | Signal Output Power |
| OSS name | rmnPortSignalPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Signal Output Power**Table 2-2205 Signal Output Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The signal power out of the Raman LINEOUT port. |
| Displayed name | Signal Output Power |
| OSS name | rmnPortSignalPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | FLOAT |
| Units | dBm |

Signal Type**Table 2-2206 Signal Type**

| Name | Value |
|----------------|--|
| Description | Signal type for PTP BIT |
| Displayed name | Signal Type |
| OSS name | syncEBitsPortSigType |
| Read-only | no |
| Tab Panel | Port Specifics.General BITS Attributes |
| Type | SyncEBitsPortSigType |

Site ID**Table 2-2207 Site ID**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site Name**Table 2-2208 Site Name**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Skew Info**Table 2-2209 Skew Info**

| Name | Value |
|----------------|---|
| Description | The relative skew between the 20 logical lanes on OTU4. The string contains the skew for each logical lane separated by spaces. |
| Displayed name | Skew Info |
| OSS name | lpSkewInfoString |
| Read-only | no |
| Tab Panel | Port Specifics.General Skew |
| Type | STRING |

Software Part Number**Table 2-2210 Software Part Number**

| Name | Value |
|----------------|----------------------------------|
| Displayed name | Software Part Number |
| OSS name | portSoftwarePartNum |
| Read-only | no |
| Tab Panel | Port Specifics.General Inventory |
| Type | STRING |

Source IP**Table 2-2211 Source IP**

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | A source IP address that the system shall monitor when cnLinkCitAutoStateCtrl is true. |
| Displayed name | Source IP |
| OSS name | cnLinkAutoStateSourceIP |
| Read-only | no |
| Tab Panel | Port Specifics.General Auto-Disable port Status |
| Type | INETADDR |

Span Loss Tilt**Table 2-2212 Span Loss Tilt**

| Name | Value |
|----------------|---|
| Description | Linear fit of attenuation vs FREQ across defined channel min, max for tnPowerMgmtFiber-SpanTiltPreComp.Current configurable range:0 to 300. |
| Displayed name | Span Loss Tilt |
| Maximum | 3.0 |
| Minimum | 0.0 |
| OSS name | powerMgmtPortFiberSpanTilt |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dB |

SPB Service Mode**Table 2-2213 SPB Service Mode**

| Name | Value |
|----------------|---|
| Default | yes:2 |
| Description | This property is specific to AOS family |
| Displayed name | SPB Service Mode |
| OSS name | spbServicePortMode |
| Read-only | no |
| Tab Panel | General Service Access Info |
| Type | INT |

Specific Description**Table 2-2214 Specific Description**

| Name | Value |
|----------------|--------------------------------|
| Description | Port Description. |
| Displayed name | Specific Description |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | apDesc |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | STRING |

Speed**Table 2-2215 Speed**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Speed |
| OSS name | speed |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.Speed |
| Units | Mbps |

Splice Margin**Table 2-2216 Splice Margin**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The adjustment made to min/max gain by power management when commissioning. |
| Displayed name | Splice Margin |
| Maximum | 10 |
| Minimum | 0 |
| OSS name | ampPortPowerGainBackoff |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Splice Margin**Table 2-2217 Splice Margin**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The adjustment made to min/max gain by power management when commissioning. |
| Displayed name | Splice Margin |
| Maximum | 10 |
| Minimum | 0 |
| OSS name | ampPortPowerGainBackoff |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

Split Horizon Group**Table 2-2218 Split Horizon Group**

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Split Horizon Group |

Table 2-2218 Split Horizon Group (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | portShgPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

SSF Laser Consequent Action**Table 2-2219 SSF Laser Consequent Action**

| Name | Value |
|----------------|--|
| Description | This parameter defines the Consequent Action in case of SSF for port-port applications |
| Displayed name | SSF Laser Consequent Action |
| OSS name | ssfLaserConsequentAction |
| Read-only | no |
| Tab Panel | Port Specifics.General Gigabit Ethernet |
| Type | ConsequentActionType |

State**Table 2-2220 State**

| Name | Value |
|----------------|--|
| Default | yes:2 |
| Description | The encryption status. |
| Displayed name | State |
| OSS name | encryptionState |
| Read-only | no |
| Tab Panel | Port Specifics.General Encryption Management |
| Type | EncryptionOnOff |

State**Table 2-2221 State**

| Name | Value |
|---------|-------|
| Default | yes:1 |

Table 2-2221 State (continued)

| Name | Value |
|--------------------------|----------------|
| Displayed name | State |
| OSS name | state |
| Read-only | yes |
| Tab Panel | States General |
| Type | PortState |
| Enumerated types: | |
| Diagnose | |
| Ghost | |
| Link Down | |
| Link Up | |
| None | |
| Up | |

State Qualifier

Table 2-2222 State Qualifier

| Name | Value |
|----------------|--------------------------------|
| Description | State Qualifier of the Port. |
| Displayed name | State Qualifier |
| OSS name | apStateQualifier |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | StateQualifier |

Status

Table 2-2223 Status

| Name | Value |
|----------------|-------------------------|
| Default | yes:indeterminate |
| Displayed name | Status |
| OSS name | compositeEquipmentState |
| Read-only | yes |
| Tab Panel | States General |

Table 2-2223 Status (continued)

| Name | Value |
|--------------------------|-------------------------|
| Type | CompositeEquipmentState |
| Enumerated types: | |
| Admin Down | |
| In Test | |
| Link Down | |
| N/A | |
| OK | |
| Oper Down | |
| Parent Admin Down | |
| Parent In Test | |
| Parent Oper Down | |
| Parent Removed | |
| Parent Type Mismatch | |
| Removed | |
| Type Mismatch | |

Status

Table 2-2224 Status

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:notEquipped |
| Displayed name | Status |
| OSS name | sfpStatus |
| Read-only | yes |
| Tab Panel | General Media Adaptor |
| Type | PortSfpStatus |
| Enumerated types: | |
| Data Corrupt | |
| DDM Corrupt | |
| Not Equipped | |
| Operational | |
| Read Error | |
| SFP Unsupported | |

Status LED Color**Table 2-2225 Status LED Color**

| Name | Value |
|----------------|--|
| Description | apLEDStatus is built using apLEDColor and apLEDState |
| Displayed name | Status LED Color |
| OSS name | apLEDStatus |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | STRING |

Subnet Mask**Table 2-2226 Subnet Mask**

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | Control Network Link SubnetMask. |
| Displayed name | Subnet Mask |
| OSS name | cnSubnetMask |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | INETADDR |

Subrack Connection**Table 2-2227 Subrack Connection**

| Name | Value |
|----------------|--|
| Default | no |
| Description | specifies where the MPT is connected to on the subrack |
| Displayed name | Subrack Connection |
| OSS name | mptSubrackPointer |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | POINTER |

SVLAN Tag Protocol ID**Table 2-2228 SVLAN Tag Protocol ID**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:qinqtpid1 |
| Description | The QinQ mode TPID for 11DPE12E port. |
| Displayed name | SVLAN Tag Protocol ID |
| OSS name | sVLANTagProtocolTPID |
| Read-only | no |
| Tab Panel | Port Specifics.General Ethernet |
| Type | QinQTPID |

Switching Threshold**Table 2-2229 Switching Threshold**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | If the power drops below this threshold, a protection switch will be executed. This is accessible from ports 2 and 3 (working or protected) exclusively. |
| Displayed name | Switching Threshold |
| Maximum | 5 |
| Minimum | -32 |
| OSS name | opsSwitchingThreshold |
| Read-only | no |
| Tab Panel | Port Specifics.General OPS |
| Type | FLOAT |
| Units | dBm |

Switching Threshold Calculation Mode**Table 2-2230 Switching Threshold Calculation Mode**

| Name | Value |
|----------------|--|
| Description | Indicates if the OPSA switch threshold is calculated by the NE (auto) or set by the user (manual) - applies to ports 2 and 3 (A and B) of the OPSA card. |
| Displayed name | Switching Threshold Calculation Mode |
| OSS name | opsSwitchingThreshCalcControl |

Table 2-2230 Switching Threshold Calculation Mode (continued)

| Name | Value |
|-------------|----------------------------|
| Read-only | no |
| Tab Panel | Port Specifics.General OPS |
| Type | ThresholdCalcControl |

Switching Threshold Tolerance**Table 2-2231 Switching Threshold Tolerance**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The tolerance applied to the port switching threshold. This is accessible from ports 2 and 3 (working or protected) exclusively. |
| Displayed name | Switching Threshold Tolerance |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | opsSwitchingThreshTolerance |
| Read-only | no |
| Tab Panel | Port Specifics.General OPS |
| Type | FLOAT |
| Units | dB |

Target Gain**Table 2-2232 Target Gain**

| Name | Value |
|----------------|------------------------------|
| Default | yes:-99.0 |
| Description | The AGC mode target gain. |
| Displayed name | Target Gain |
| Maximum | 20 |
| Minimum | 2 |
| OSS name | rmnPortAgcTargetGain |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |

Table 2-2232 Target Gain (continued)

| Name | Value |
|-------|-------|
| Units | dB |

Target Gain**Table 2-2233 Target Gain**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The AGC mode target gain. |
| Displayed name | Target Gain |
| Maximum | 20 |
| Minimum | 2 |
| OSS name | rmnPortAgcTargetGain |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | FLOAT |
| Units | dB |

Target Tilt**Table 2-2234 Target Tilt**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:-99.0 |
| Description | EPT - Tilt. |
| Displayed name | Target Tilt |
| Maximum | 0 |
| Minimum | -3 |
| OSS name | ampPortTargetTilt |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Target Tilt

Table 2-2235 Target Tilt

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | EPT - Tilt. |
| Displayed name | Target Tilt |
| Maximum | 0 |
| Minimum | -3 |
| OSS name | ampPortTargetTilt |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

Target Tilt

Table 2-2236 Target Tilt

| Name | Value |
|----------------|------------------------------|
| Default | yes:-99.0 |
| Description | The tilt target. |
| Displayed name | Target Tilt |
| Maximum | 3 |
| Minimum | -3 |
| OSS name | rmnPortTiltTarget |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dB |

TCA Profile

Table 2-2237 TCA Profile

| Name | Value |
|----------------|-------------------|
| Displayed name | TCA Profile |
| OSS name | tcaProfilePointer |

Table 2-2237 TCA Profile (continued)

| Name | Value |
|-------------|------------------------------------|
| Read-only | no |
| Tab Panel | Port Specifics.General TCA Profile |
| Type | POINTER |

Terminal Loopback

Table 2-2238 Terminal Loopback

| Name | Value |
|----------------|--------------------------------------|
| Description | Terminal Loopback. |
| Displayed name | Terminal Loopback |
| OSS name | terminalLoopback |
| Read-only | no |
| Tab Panel | Port Specifics.General Test/Analysis |
| Type | BOOL |

Test In Progress?

Table 2-2239 Test In Progress?

| Name | Value |
|----------------|---|
| Description | Node sets to true when testing in progress on port (logic). |
| Displayed name | Test In Progress? |
| OSS name | testInProgress |
| Read-only | no |
| Tab Panel | Port Specifics.General Test/Analysis |
| Type | BOOL |

Test Signal Loopback

Table 2-2240 Test Signal Loopback

| Name | Value |
|----------------|-----------------------|
| Description | Test Signal Loopback. |
| Displayed name | Test Signal Loopback |
| OSS name | testSignalLoopback |

Table 2-2240 Test Signal Loopback (continued)

| Name | Value |
|-------------|--------------------------------------|
| Read-only | no |
| Tab Panel | Port Specifics.General Test/Analysis |
| Type | BOOL |

Tilt Calculation Coefficient for DCM**Table 2-2241 Tilt Calculation Coefficient for DCM**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Modeling coefficient for the SRSTilt . |
| Displayed name | Tilt Calculation Coefficient for DCM |
| Maximum | 10000 |
| Minimum | 0 |
| OSS name | ampPortSRSTiltACoeffDCM |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | INT |

Time Offset Past Hour**Table 2-2242 Time Offset Past Hour**

| Name | Value |
|----------------|---|
| Description | This is used to enter the base period past the hour for scheduled ingress adjustments. The unit is in 100s of ms. Value of -1 means not configured. Current configurable range: -1 to 863999. |
| Displayed name | Time Offset Past Hour |
| OSS name | powerMgmtPortGainAdjSchedBase |
| Read-only | no |
| Tab Panel | Port Specifics.General Gain Adjustment Settings |
| Type | STRING |
| Units | HH:MM:SS |

Time Period Between Adjustments**Table 2-2243 Time Period Between Adjustments**

| Name | Value |
|----------------|--|
| Description | This is used to enter the timer length between enablements for the OMS section. The unit is in 100s of ms. Value of -1 means not configured. Current configurable range: -1 to 863999. |
| Displayed name | Time Period Between Adjustments |
| OSS name | powerMgmtPortGainAdjTimerPeriod |
| Read-only | no |
| Tab Panel | Port Specifics.General Gain Adjustment Settings |
| Type | STRING |
| Units | HH:MM:SS |

ToD Format**Table 2-2244 ToD Format**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:0 |
| Description | Direction |
| Displayed name | ToD Format |
| OSS name | todFormat |
| Read-only | no |
| Tab Panel | Port Specifics.General TOD Attributes |
| Type | PtpTodFormat |

ToD Status**Table 2-2245 ToD Status**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:1 |
| Description | Direction |
| Displayed name | ToD Status |
| OSS name | todStatus |
| Read-only | no |
| Tab Panel | Port Specifics.General TOD Attributes |
| Type | PtpTodStatus |

Total Input Power

Table 2-2246 Total Input Power

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | DCM In port of the amplifier card. -9900 indicates No Measured Power. |
| Displayed name | Total Input Power |
| OSS name | ampPortDCMInPower |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dBm |

Total Input Power

Table 2-2247 Total Input Power

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The total input power. Applies to fromDem and line ports of the amplifier card: |
| Displayed name | Total Input Power |
| OSS name | ampPortPowerIn |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dBm |

Total Input Power

Table 2-2248 Total Input Power

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The total power into the Raman LINEIN port. |
| Displayed name | Total Input Power |
| Maximum | 16 |
| Minimum | -99 |
| OSS name | rmnPortTotalPowerIn |

Table 2-2248 Total Input Power (continued)

| Name | Value |
|-------------|------------------------------|
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Total Input Power**Table 2-2249 Total Input Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The total power into the Raman LINEIN port. |
| Displayed name | Total Input Power |
| Maximum | 16 |
| Minimum | -99 |
| OSS name | rmnPortTotalPowerIn |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | FLOAT |
| Units | dBm |

Total Input Power**Table 2-2250 Total Input Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total ingress power of the optical signal. |
| Displayed name | Total Input Power |
| OSS name | wkPortNwPowerIn |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dBm |

Total Input Power**Table 2-2251 Total Input Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total ingress power of the optical signal. |
| Displayed name | Total Input Power |
| OSS name | wkPortNwPowerIn |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Total Input Power**Table 2-2252 Total Input Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The total power into the WTOCM IN port. |
| Displayed name | Total Input Power |
| OSS name | wtoctmPortInfoPower |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Total Output Power**Table 2-2253 Total Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | DCM Out port of the amplifier card. -9900 indicates No Measured Power. |
| Displayed name | Total Output Power |
| OSS name | ampPortDCMOutPower |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |

Table 2-2253 Total Output Power (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | dBm |

Total Output Power

Table 2-2254 Total Output Power

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The total output power. Applies to the signal and toDcm ports of the amplifier card |
| Displayed name | Total Output Power |
| OSS name | ampPortPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dBm |

Total Output Power

Table 2-2255 Total Output Power

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total output power. Applies to the output port of the mesh card. |
| Displayed name | Total Output Power |
| OSS name | meshPortPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Total Output Power

Table 2-2256 Total Output Power

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total power out of the Raman LINEOUT port. |
| Displayed name | Total Output Power |
| OSS name | rmnPortTotalPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Total Output Power

Table 2-2257 Total Output Power

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total power out of the Raman LINEOUT port. |
| Displayed name | Total Output Power |
| OSS name | rmnPortTotalPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | FLOAT |
| Units | dBm |

Total Output Power

Table 2-2258 Total Output Power

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The total egress power of the optical signal. |
| Displayed name | Total Output Power |
| OSS name | wkPortNwPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Connectivity Testing |

Table 2-2258 Total Output Power (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | dBm |

Total Output Power

Table 2-2259 Total Output Power

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The total egress power of the optical signal. |
| Displayed name | Total Output Power |
| OSS name | wkPortNwPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dBm |

Total Output Power

Table 2-2260 Total Output Power

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The total egress power of the optical signal. |
| Displayed name | Total Output Power |
| OSS name | wkPortNwPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Total Output Power at Monitored Port**Table 2-2261 Total Output Power at Monitored Port**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The total power out of associated monitored port. |
| Displayed name | Total Output Power at Monitored Port |
| OSS name | wtoCmPortInfoPowerMonitoredPort |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Trace Identifier Mismatch Monitored**Table 2-2262 Trace Identifier Mismatch Monitored**

| Name | Value |
|----------------|---|
| Description | Determines if the incoming/receive signal is monitored for the detection of Trace Identifier Mismatch defect (dTIM) |
| Displayed name | Trace Identifier Mismatch Monitored |
| OSS name | treMon |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | BOOL |

Transmit Frequency**Table 2-2263 Transmit Frequency**

| Name | Value |
|----------------|-----------------------------|
| Description | The programmed ITU channel. |
| Displayed name | Transmit Frequency |
| OSS name | nwPortProgrammedChannel |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | ITUChannel |

Transmit Lane Power**Table 2-2264 Transmit Lane Power**

| Name | Value |
|----------------|---|
| Description | OT Baseline TX lane power. |
| Displayed name | Transmit Lane Power |
| Maximum | 400 |
| Minimum | 0 |
| OSS name | otPortTxLaneBslPowers |
| Read-only | no |
| Tab Panel | Port Specifics.General Lane Power Baseline Values |
| Type | STRING |
| Units | dBm |

Transmit Lane Power**Table 2-2265 Transmit Lane Power**

| Name | Value |
|----------------|---|
| Description | CFP transmit lane powers for the number of lanes supported by a CFP type. |
| Displayed name | Transmit Lane Power |
| OSS name | otPortTxLanePowers |
| Read-only | no |
| Tab Panel | Port Specifics.General Lane Power Measured Values |
| Type | STRING |
| Units | dBm |

Transmit Power**Table 2-2266 Transmit Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The transmit power after the VOA. |
| Displayed name | Transmit Power |
| OSS name | otPortTxPower |
| Read-only | no |
| Tab Panel | Port Specifics.General General Attributes |

Table 2-2266 Transmit Power (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | dBm |

Transmit Power

Table 2-2267 Transmit Power

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:-99.0 |
| Description | The transmit power after the VOA. |
| Displayed name | Transmit Power |
| OSS name | otPortTxPower |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | FLOAT |
| Units | dBm |

Transmitted J0

Table 2-2268 Transmitted J0

| Name | Value |
|----------------|------------------------------------|
| Default | yes: |
| Description | RSMON Egress Tim transmitted tti. |
| Displayed name | Transmitted J0 |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | rsmonEgrTxTti |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | STRING |

Transmitted J0**Table 2-2269 Transmitted J0**

| Name | Value |
|----------------|------------------------------------|
| Description | RSMON Ingress transmitted TTI. |
| Displayed name | Transmitted J0 |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | rsmonIngrTxTti |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | STRING |

Transmitted SSM**Table 2-2270 Transmitted SSM**

| Name | Value |
|----------------|--|
| Description | Transmitted SSM |
| Displayed name | Transmitted SSM |
| OSS name | syncEBitsPortOutputSSMTrans |
| Read-only | no |
| Tab Panel | Port Specifics.General BITS Attributes |
| Type | SyncEBitsPortOutputSSMTrans |

Transponder Transmit Power**Table 2-2271 Transponder Transmit Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The transmit power after the MSA transponder and before the VOA. |
| Displayed name | Transponder Transmit Power |
| OSS name | otPortTxPowerLaser |
| Read-only | no |
| Tab Panel | Port Specifics.General Laser |
| Type | FLOAT |
| Units | dBm |

UNI Profile**Table 2-2272 UNI Profile**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the UNI Profile Policy object. |
| Displayed name | UNI Profile |
| OSS name | uniProfilePointer |
| Read-only | no |
| Tab Panel | Policies.General UNI Profile |
| Type | POINTER |

Unit Part Number**Table 2-2273 Unit Part Number**

| Name | Value |
|----------------|----------------------------------|
| Description | Port Manufacturing Part Number. |
| Displayed name | Unit Part Number |
| OSS name | portManufacturingPartNum |
| Read-only | no |
| Tab Panel | Port Specifics.General Inventory |
| Type | STRING |

Untagged/PriorityCE-VLAN ID**Table 2-2274 Untagged/PriorityCE-VLAN ID**

| Name | Value |
|----------------|--|
| Description | Untagged/PriorityCE-VLAN ID: The PVID for 11DPE12E port. |
| Displayed name | Untagged/PriorityCE-VLAN ID |
| OSS name | untaggedPriorityCeVlanId |
| Read-only | no |
| Tab Panel | Port Specifics.General Ethernet |
| Type | LONG |

Use System Default AINS Timer**Table 2-2275 Use System Default AINS Timer**

| Name | Value |
|----------------|--|
| Description | Using System AINS Debounce Time. Sets with a value of false are restricted. The network operator must set Port AINS Debounce Time to some valid value to disable the use of System AINS Debounce Time. Setting the Port AINS Debounce Time and Port AINS Use System Default to true in the same set request is restricted. |
| Displayed name | Use System Default AINS Timer |
| OSS name | apUsingSysAinsDebounceTime |
| Read-only | no |
| Tab Panel | Port Specifics.General AINS |
| Type | BOOL |

User label**Table 2-2276 User label**

| Name | Value |
|----------------|-----------------|
| Default | no |
| Displayed name | User label |
| Maximum | 15 |
| OSS name | userLabel |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Vlan Xlation Mode**Table 2-2277 Vlan Xlation Mode**

| Name | Value |
|----------------|---|
| Default | yes:2 |
| Description | This property is specific to AOS family |
| Displayed name | Vlan Xlation Mode |
| OSS name | portVlanXlation |
| Read-only | no |
| Tab Panel | General Service Access Info |
| Type | INT |

VOA Attenuation**Table 2-2278 VOA Attenuation**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The attenuation of the attenuator - applies to ports 2 and 3 (A and B) of the OPSA card. -1 means that max attenuation is applied. |
| Displayed name | VOA Attenuation |
| Maximum | 20 |
| Minimum | -1 |
| OSS name | opsTxAttenuation |
| Read-only | no |
| Tab Panel | Port Specifics.General OPS |
| Type | FLOAT |
| Units | dB |

VOA Mode**Table 2-2279 VOA Mode**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:power |
| Description | Sets the port operating mode. |
| Displayed name | VOA Mode |
| OSS name | voaMode |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | VoaAttenuationType |

VPLS Mode**Table 2-2280 VPLS Mode**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Applicable for AOS Fuji2 Nodes. The mode of the VPLS service being configured on the Ethernet Access Port. |
| Displayed name | VPLS Mode |

Table 2-2280 VPLS Mode (continued)

| Name | Value |
|-------------|----------------------|
| OSS name | vplsMode |
| Read-only | no |
| Tab Panel | General VPLS Service |
| Type | netw.VplsMode |

VTS1 Source**Table 2-2281 VTS1 Source**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Indicates the 'port connected to' from Virtual Time Slot 1 of 11DPE12 Line Port. |
| Displayed name | VTS1 Source |
| OSS name | vt1Source |
| Read-only | no |
| Tab Panel | Port Specifics.General VTS Map |
| Type | VtsSource |

VTS10 Source**Table 2-2282 VTS10 Source**

| Name | Value |
|----------------|---|
| Default | yes:none |
| Description | Indicates the 'port connected to' from Virtual Time Slot 10 of 11DPE12 Line Port. |
| Displayed name | VTS10 Source |
| OSS name | vt10Source |
| Read-only | no |
| Tab Panel | Port Specifics.General VTS Map |
| Type | VtsSource |

VTs2 Source**Table 2-2283 VTs2 Source**

| Name | Value |
|----------------|---|
| Default | yes:none |
| Description | Indicates the 'port connected to' from Virtual Time Slot 2 of 11DPE12 Line Port.. |
| Displayed name | VTs2 Source |
| OSS name | vtS2Source |
| Read-only | no |
| Tab Panel | Port Specifics.General VTS Map |
| Type | VtsSource |

VTs3 Source**Table 2-2284 VTs3 Source**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Indicates the 'port connected to' from Virtual Time Slot 3 of 11DPE12 Line Port. |
| Displayed name | VTs3 Source |
| OSS name | vtS3Source |
| Read-only | no |
| Tab Panel | Port Specifics.General VTS Map |
| Type | VtsSource |

VTs4 Source**Table 2-2285 VTs4 Source**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Indicates the 'port connected to' from Virtual Time Slot 4 of 11DPE12 Line Port. |
| Displayed name | VTs4 Source |
| OSS name | vtS4Source |
| Read-only | no |
| Tab Panel | Port Specifics.General VTS Map |
| Type | VtsSource |

VT5 Source**Table 2-2286 VT5 Source**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Indicates the 'port connected to' from Virtual Time Slot 5 of 11DPE12 Line Port. |
| Displayed name | VT5 Source |
| OSS name | vt5Source |
| Read-only | no |
| Tab Panel | Port Specifics.General VTS Map |
| Type | VtsSource |

VT6 Source**Table 2-2287 VT6 Source**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Indicates the 'port connected to' from Virtual Time Slot 6 of 11DPE12 Line Port. |
| Displayed name | VT6 Source |
| OSS name | vt6Source |
| Read-only | no |
| Tab Panel | Port Specifics.General VTS Map |
| Type | VtsSource |

VT7 Source**Table 2-2288 VT7 Source**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Indicates the 'port connected to' from Virtual Time Slot 7 of 11DPE12 Line Port. |
| Displayed name | VT7 Source |
| OSS name | vt7Source |
| Read-only | no |
| Tab Panel | Port Specifics.General VTS Map |
| Type | VtsSource |

VTs8 Source

Table 2-2289 VTs8 Source

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Indicates the 'port connected to' from Virtual Time Slot 8 of 11DPE12 Line Port. |
| Displayed name | VTs8 Source |
| OSS name | vtS8Source |
| Read-only | no |
| Tab Panel | Port Specifics.General VTs Map |
| Type | VtsSource |

VTs9 Source

Table 2-2290 VTs9 Source

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Indicates the 'port connected to' from Virtual Time Slot 9 of 11DPE12 Line Port. |
| Displayed name | VTs9 Source |
| OSS name | vtS9Source |
| Read-only | no |
| Tab Panel | Port Specifics.General VTs Map |
| Type | VtsSource |

Wave Key 1

Table 2-2291 Wave Key 1

| Name | Value |
|----------------|---|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected. WriteAccess is none as we don't allow the user to change this on the single port. This will be set during transport service creation when the service involves dangling OTs ie.,when OT from ne1 connects directly to filter channel port of ne2. |
| Displayed name | Wave Key 1 |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKeyEncodeProgrammedWK1 |

Table 2-2291 Wave Key 1 (continued)

| Name | Value |
|-------------|--|
| Read-only | no |
| Tab Panel | Port Specifics.General Wave Key Encode |
| Type | LONG |

Wave Key 2**Table 2-2292 Wave Key 2**

| Name | Value |
|----------------|---|
| Description | WriteAccess is none as we don't allow the user to change this on the single port. This will be set during transport service creation when the service involves dangling OTs ie.,when OT from ne1 connects directly to filter channel port of ne2. |
| Displayed name | Wave Key 2 |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKeyEncodeProgrammedWK2 |
| Read-only | no |
| Tab Panel | Port Specifics.General Wave Key Encode |
| Type | LONG |

Wave Key Transmit Status**Table 2-2293 Wave Key Transmit Status**

| Name | Value |
|----------------|---|
| Description | Indicates whether or not Wave Keys are transmitted. |
| Displayed name | Wave Key Transmit Status |
| OSS name | waveKeyEncodeTransmitState |
| Read-only | no |
| Tab Panel | Port Specifics.General Wave Key Encode |
| Type | DisabledEnabled |

Wave Tracker Key Enabled**Table 2-2294 Wave Tracker Key Enabled**

| Name | Value |
|----------------|--|
| Description | The parameter specifies whether WaveTracker key is enabled (value: Y) or not (value N) . . |
| Displayed name | Wave Tracker Key Enabled |
| OSS name | waveTrackerKeyEnabled |
| Read-only | no |
| Tab Panel | Port Specifics.General Wave Key Encode |
| Type | BOOL |

Wavelength Tracker Decoder Usage**Table 2-2295 Wavelength Tracker Decoder Usage**

| Name | Value |
|----------------|--|
| Description | The type of WTD used egress. |
| Displayed name | Wavelength Tracker Decoder Usage |
| OSS name | powerMgmtWtdUsageTypeOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Wavelength Tracker Settings |
| Type | WtdUsageType |

WaveLength Tracker domain**Table 2-2296 WaveLength Tracker domain**

| Name | Value |
|----------------|---|
| Description | The numbered domain used for WT key selection for add XCs to this port;applies to external line facing ports. Current configurable range:0 to 19. |
| Displayed name | WaveLength Tracker domain |
| OSS name | portWtDomainNumber |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | INT |

Working Time Slot**Table 2-2297 Working Time Slot**

| Name | Value |
|----------------|--|
| Description | This is for 11dpge12, string built using ts1 and ts2 values. |
| Displayed name | Working Time Slot |
| OSS name | workingTimeSlot |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | STRING |

PMON Configuration parameters**Direction****Table 2-2298 Direction**

| Name | Value |
|--------------------------|-----------------|
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General General |
| Type | PMDirection |
| Enumerated types: | |
| All | |
| Receive | |
| Transmit | |

Enable**Table 2-2299 Enable**

| Name | Value |
|----------------|-----------|
| Default | yes:false |
| Displayed name | Enable |
| OSS name | enable |

Table 2-2299 Enable (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Enable

Table 2-2300 Enable

| Name | Value |
|----------------|-------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Enable |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site Info |
| Type | STRING |

Facility Name

Table 2-2301 Facility Name

| Name | Value |
|----------------|-----------------|
| Displayed name | Facility Name |
| Maximum | 100 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Location

Table 2-2302 Location

| Name | Value |
|-----------------------|----------|
| Displayed name | Location |
| Mandatory on creation | yes |

Table 2-2302 Location (continued)

| Name | Value |
|--------------------------|-----------------|
| OSS name | location |
| Read-only | no |
| Tab Panel | General General |
| Type | PMLocation |
| Enumerated types: | |
| All | |
| Far End | |
| Near End | |

Mode Type

Table 2-2303 Mode Type

| Name | Value |
|--------------------------|-----------------|
| Default | yes:all |
| Displayed name | Mode Type |
| OSS name | modeType |
| Read-only | no |
| Tab Panel | General General |
| Type | PMModeType |
| Enumerated types: | |
| All | |
| MAC | |
| None | |
| O | |
| P | |
| S | |

Mode Type

Table 2-2304 Mode Type

| Name | Value |
|----------------|-----------|
| Default | yes: |
| Displayed name | Mode Type |

Table 2-2304 Mode Type (continued)

| Name | Value |
|-------------|-------------------|
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site Info |
| Type | STRING |

Time Period

Table 2-2305 Time Period

| Name | Value |
|--------------------------|-----------------|
| Default | yes:both |
| Displayed name | Time Period |
| Mandatory on creation | yes |
| OSS name | timePeriod |
| Read-only | no |
| Tab Panel | General General |
| Type | PMTimePeriod |
| Enumerated types: | |
| 1 Day | |
| 15 Minutes | |
| Both | |

Type

Table 2-2306 Type

| Name | Value |
|--------------------------|-----------------|
| Displayed name | Type |
| OSS name | type |
| Read-only | yes |
| Tab Panel | General General |
| Type | PMFacility |
| Enumerated types: | |
| GBE | |

Table 2-2306 Type (continued)

| Name | Value |
|--------|-------|
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU1 | |
| ODU2 | |
| ODU2E | |
| ODU3 | |
| ODU3E2 | |
| ODU4 | |
| OTU | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |

Port Group parameters

Current Release

Table 2-2307 Current Release

| Name | Value |
|----------------|--|
| Default | yes:true |
| Description | The current port group firmware version that is running on the FPGA. |
| Displayed name | Current Release |
| OSS name | currentRelease |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Firmware Upgrade Available

Table 2-2308 Firmware Upgrade Available

| Name | Value |
|----------------|---|
| Description | YES - An upgrade to the new version of the installed/running FPGA firmware package is recommended. {BR} NO - No new FPGA firmware package is available. |
| Displayed name | Firmware Upgrade Available |
| OSS name | fwUpgradeable |
| Read-only | yes |
| Tab Panel | General General |
| Type | optical.FWUpgradeable |

Id

Table 2-2309 Id

| Name | Value |
|-----------------------|-----------------|
| Description | Port Group ID |
| Displayed name | Id |
| Mandatory on creation | yes |
| OSS name | portGroupId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Mode

Table 2-2310 Mode

| Name | Value |
|--------------------------|-----------------|
| Default | yes:pwrSv |
| Description | Firmware Name. |
| Displayed name | Mode |
| OSS name | portGroupMode |
| Read-only | no |
| Tab Panel | General General |
| Type | PortGroupMode |
| Enumerated types: | |

Table 2-2310 Mode (continued)

| Name | Value |
|---------|-------|
| ETH | |
| ETHSTH | |
| FC | |
| OTH | |
| PWRSV | |
| STH | |
| UNIVTRM | |

Provision Release**Table 2-2311 Provision Release**

| Name | Value |
|----------------|---|
| Description | The port group firmware version to be downloaded. A null value means the preferred version for the selected mode in the active card firmware profile. |
| Displayed name | Provision Release |
| OSS name | provisionRelease |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

PreviewHop parameters**Administrative State****Table 2-2312 Administrative State**

| Name | Value |
|----------------|-------------------------------|
| Description | Administrative State. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.AdministrativeState |

AINS Enabled**Table 2-2313 AINS Enabled**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates if Port Level AINS(Automatic In Service) is enabled on the port which is represented by this Hop Object. |
| Displayed name | AINS Enabled |
| OSS name | ainsEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Channel**Table 2-2314 Channel**

| Name | Value |
|--------------------------|--|
| Description | The optical channel - used for display in the service screen in SAM GUI. |
| Displayed name | Channel |
| OSS name | channel |
| Read-only | no |
| Tab Panel | General General |
| Type | ITUChannel |
| Enumerated types: | |
| | 1310 |
| | 1471 |
| | 1490 |
| | 1491 |
| | 1511 |
| | 1530 |
| | 1531 |
| | 1550 |
| | 1551 |
| | 1571 |
| | 1591 |
| | 1611 |

Table 2-2314 Channel (continued)

| Name | Value |
|------|-------|
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |

Table 2-2314 Channel (continued)

| Name | Value |
|------|-------|
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |

Table 2-2314 Channel (continued)

| Name | Value |
|------|-------|
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |

Table 2-2314 Channel (continued)

| Name | Value |
|------|-------|
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |

Table 2-2314 Channel (continued)

| Name | Value |
|------|-------|
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |

Table 2-2314 Channel (continued)

| Name | Value |
|------|-------|
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

CTP

Table 2-2315 CTP

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Description | The CTP pointer of this hop. |
| Displayed name | CTP |
| OSS name | ctpPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Hop Order

Table 2-2316 Hop Order

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The position of the hop within the parent trail. The position of each hop is calculated based on traversing the parent trail from endpoint A to endpoint Z. |
| Displayed name | Hop Order |
| Minimum | 1 |
| OSS name | hopOrder |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Operational State

Table 2-2317 Operational State

| Name | Value |
|----------------|----------------------------|
| Description | Operational State. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.OperationalState |

Port

Table 2-2318 Port

| Name | Value |
|----------------|--|
| Description | The physical port pointer of this hop. |
| Displayed name | Port |
| OSS name | portPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Port Description

Table 2-2319 Port Description

| Name | Value |
|----------------|---|
| Description | The port description - used for display in the service screen in SAM GUI. |
| Displayed name | Port Description |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Rate

Table 2-2320 Rate

| Name | Value |
|--------------------------|--|
| Description | The port rate - used for display in the service screen in SAM GUI. |
| Displayed name | Rate |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | AssignedRate |
| Enumerated types: | |
| | 100GbE LAN |
| | 10GbE LAN |
| | 1GbE |

Table 2-2320 Rate (continued)

| Name | Value |
|---------------|-------|
| 3GSDI | |
| 40GbE LAN | |
| 40GbE MLD LAN | |
| BITS | |
| CBR10G | |
| CBR10G3 | |
| CBR2G5 | |
| DCN | |
| DDR | |
| Default | |
| DVBASI | |
| DVI 6000 | |
| E1 | |
| ESCON | |
| FC100 | |
| FC1200 | |
| FC1600 | |
| FC200 | |
| FC400 | |
| FC800 | |
| FDDI | |
| FE | |
| HDSDI | |
| N/A | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU1 | |
| ODU1e | |

Table 2-2320 Rate (continued)

| Name | Value |
|-------------------|-------|
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex-3GSDI | |
| ODUFlex-40GBE MLD | |
| ODUFlex-CBR | |
| ODUFlex-DDR | |
| ODUFlex-FC1200 | |
| ODUFlex-FC1600 | |
| ODUFlex-FC400 | |
| ODUFlex-FC800 | |
| ODUFlex-GFP | |
| OMS | |
| ONETRU | |
| OPTSG | |
| OS | |
| OTL4.4 | |
| OTS | |
| OTU1 | |
| OTU1f | |
| OTU2 | |
| OTU2e | |
| OTU3 | |
| OTU3e2 | |
| OTU4 | |
| OTU4x2 | |
| SDR | |
| SDDSI | |

Table 2-2320 Rate (continued)

| Name | Value |
|------------|-------|
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| SubGigE | |
| TOD | |
| Unassigned | |
| Unknown | |

Site ID

Table 2-2321 Site ID

| Name | Value |
|----------------|--------------------------------------|
| Default | yes:0.0.0.0 |
| Description | The site id that the hop belongs to. |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name

Table 2-2322 Site Name

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The site name that the hop belongs to. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |

Table 2-2322 Site Name (continued)

| Name | Value |
|------|--------|
| Type | STRING |

PreviewPath parameters

Additional Information

Table 2-2323 Additional Information

| Name | Value |
|--|--|
| Description | Indicates why operational state is down for this connection. |
| Displayed name | Additional Information |
| OSS name | stateCause |
| Read-only | yes |
| Tab Panel | General States |
| Type | OperationalFlags |
| Enumerated types: | |
| Cross Connect Down | |
| Missing Cross Connect | |
| Missing ODUk Connection | |
| Missing VTS Connection | |
| OCH Trail Name Mismatch | |
| Port (that is not part of CrossConnect) Down | |
| VTS Connection is Down | |
| Wave Key Mode Mismatch | |

Bidirectional

Table 2-2324 Bidirectional

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| OSS name | biDirectional |
| Read-only | no |

Table 2-2324 Bidirectional (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | BOOL |

Operational State

Table 2-2325 Operational State

| Name | Value |
|--------------------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionOperState |
| Enumerated types: | |
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

Path ID

Table 2-2326 Path ID

| Name | Value |
|-----------------------|-------------------------------|
| Default | yes:0 |
| Description | Unique id for the Connection. |
| Displayed name | Path ID |
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | connId |

Table 2-2326 Path ID (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Path Mode

Table 2-2327 Path Mode

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | The protection state of the connection. |
| Displayed name | Path Mode |
| Mandatory on creation | yes |
| OSS name | protectionState |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Port A

Table 2-2328 Port A

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes: |
| Description | Physical port pointer for A end. |
| Displayed name | Port A |
| Mandatory on creation | yes |

Table 2-2328 Port A (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | portAPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Port Z**Table 2-2329 Port Z**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes: |
| Description | Physical port pointer for Z end. |
| Displayed name | Port Z |
| Mandatory on creation | yes |
| OSS name | portZPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Shelf parameters**Active Switch Status****Table 2-2330 Active Switch Status**

| Name | Value |
|----------------|---|
| Description | The Sync-E line reference switch state. |
| Displayed name | Active Switch Status |
| OSS name | switchStatus |
| Read-only | no |
| Tab Panel | Synchronization General |
| Type | SwitchStatusTypes |

Administrative Mode

Table 2-2331 Administrative Mode

| Name | Value |
|--------------------------|----------------------|
| Default | yes:none |
| Displayed name | Administrative Mode |
| OSS name | adminMode |
| Read-only | no |
| Tab Panel | General Chassis Mode |
| Type | ChassisMode |
| Enumerated types: | |
| A | |
| B | |
| C | |
| D | |
| N/A | |

Administrative State

Table 2-2332 Administrative State

| Name | Value |
|--------------------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General Equipment |
| Type | AdministrativeState |
| Enumerated types: | |
| Diagnose | |
| Down | |
| Locked | |
| Maintenance | |
| Not Relevant | |
| Operate Switch | |
| Shutting Down | |
| Unknown | |

Table 2-2332 Administrative State (continued)

| Name | Value |
|----------|-------|
| Unlocked | |
| Up | |

Administrative State**Table 2-2333 Administrative State**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:unspecified |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | equipment.AdministrativeState |

AINS Enabled**Table 2-2334 AINS Enabled**

| Name | Value |
|----------------|-----------------------|
| Default | yes:false |
| Displayed name | AINS Enabled |
| OSS name | shelfAINS |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | BOOL |

Air Flow**Table 2-2335 Air Flow**

| Name | Value |
|----------------|----------|
| Default | yes:HP36 |
| Displayed name | Air Flow |
| OSS name | airFlow |
| Read-only | no |

Table 2-2335 Air Flow (continued)

| Name | Value |
|-------------|-----------------------|
| Tab Panel | General Shelf Details |
| Type | AirFlow |

Alarm Profile

Table 2-2336 Alarm Profile

| Name | Value |
|----------------|-----------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | POINTER |

Alarm Profile

Table 2-2337 Alarm Profile

| Name | Value |
|----------------|-------------------------|
| Displayed name | Alarm Profile |
| OSS name | syncAlarmProfilePointer |
| Read-only | no |
| Tab Panel | Synchronization General |
| Type | POINTER |

Allow IMM Family Type

Table 2-2338 Allow IMM Family Type

| Name | Value |
|----------------|----------------------------------|
| Default | yes:none |
| Description | Imm Family Type for SAS-R nodes. |
| Displayed name | Allow IMM Family Type |
| OSS name | allowImmFamilyType |
| Read-only | no |
| Tab Panel | General IMM Family Type |

Table 2-2338 Allow IMM Family Type (continued)

| Name | Value |
|--------------------------|------------------|
| Type | SasImmFamilyType |
| Enumerated types: | |
| KT1 IMMs | |
| KT2 IMMs | |
| None | |

Application Mode**Table 2-2339 Application Mode**

| Name | Value |
|----------------|-----------------------|
| Default | yes:OCS |
| Displayed name | Application Mode |
| OSS name | applicationMode |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | ApplicationMode |

Background Diagnostics Fault Reason**Table 2-2340 Background Diagnostics Fault Reason**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Displayed name | Background Diagnostics Fault Reason |
| OSS name | backgroundDiagnosticsFaultReason |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Background Diagnostics State**Table 2-2341 Background Diagnostics State**

| Name | Value |
|---------|-------------|
| Default | yes:unknown |

Table 2-2341 Background Diagnostics State (continued)

| Name | Value |
|--------------------------|--------------------------------|
| Displayed name | Background Diagnostics State |
| OSS name | backgroundDiagnosticsState |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | BackgroundDiagnosticsStateType |
| Enumerated types: | |
| | Critical Fault Detected |
| | Fault Detected |
| | N/A |
| | Ok |
| | Unknown |

Base MAC Address**Table 2-2342 Base MAC Address**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Base MAC Address |
| OSS name | baseMacAddress |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | MACADDR |

Calculated Load**Table 2-2343 Calculated Load**

| Name | Value |
|----------------|-----------------------|
| Displayed name | Calculated Load |
| OSS name | calculatedLoad |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | INT |
| Units | mA |

CLEI

Table 2-2344 CLEI

| Name | Value |
|----------------|-------------------|
| Description | Shelf CLEI. |
| Displayed name | CLEI |
| OSS name | shelfClei |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

CLEI Code

Table 2-2345 CLEI Code

| Name | Value |
|----------------|-------------------------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General Equipment Codes |
| Type | STRING |

CLEI Code

Table 2-2346 CLEI Code

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General Equipment Location Codes |
| Type | STRING |

CLLI Code

Table 2-2347 CLI Code

| Name | Value |
|----------------|-------------------------|
| Default | yes: |
| Displayed name | CLLI Code |
| Maximum | 11 |
| Minimum | 0 |
| OSS name | clliCode |
| Read-only | no |
| Tab Panel | General Equipment Codes |
| Type | STRING |

Clock Mode Status

Table 2-2348 Clock Mode Status

| Name | Value |
|----------------|-------------------------|
| Displayed name | Clock Mode Status |
| OSS name | clkModStatus |
| Read-only | no |
| Tab Panel | Synchronization General |
| Type | EClockMode |

Clock Source

Table 2-2349 Clock Source

| Name | Value |
|----------------|----------------------|
| Default | yes:auto |
| Displayed name | Clock Source |
| OSS name | clockSource |
| Read-only | no |
| Tab Panel | General Clock Switch |
| Type | WdmWtClk |

Company ID

Table 2-2350 Company ID

| Name | Value |
|----------------|-------------------|
| Description | Shelf Company Id. |
| Displayed name | Company ID |
| OSS name | shelfCompanyId |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Date

Table 2-2351 Date

| Name | Value |
|----------------|-------------------|
| Description | Shelf Date. |
| Displayed name | Date |
| OSS name | shelfDate |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Default IMM Family Type

Table 2-2352 Default IMM Family Type

| Name | Value |
|--------------------------|--|
| Default | yes:none |
| Description | Default Imm Family Type for SAS-R nodes. |
| Displayed name | Default IMM Family Type |
| OSS name | defaultImmFamilyType |
| Read-only | yes |
| Tab Panel | General IMM Family Type |
| Type | SasImmFamilyType |
| Enumerated types: | |
| KT1 IMM | |
| KT2 IMM | |

Table 2-2352 Default IMM Family Type (continued)

| Name | Value |
|------|-------|
| None | |

Expected PF Amps

Table 2-2353 Expected PF Amps

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:auto |
| Displayed name | Expected PF Amps |
| OSS name | expectedAmps |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | ExpectedAmpsType |
| Enumerated types: | |
| 100 | |
| 150 | |
| 20 | |
| 20.6 | |
| 275 | |
| 2x50 | |
| 2x60 | |
| 3.7 | |
| 30 | |
| 320 | |
| 35 | |
| 3x50 | |
| 3x60 | |
| 4.1 | |
| 5 | |
| 50 | |
| 60 | |
| 7 | |
| 70 | |
| 8.5 | |

Table 2-2353 Expected PF Amps (continued)

| Name | Value |
|--------|-------|
| ampsna | |
| Auto | |
| Mixed | |

Expected Volts

Table 2-2354 Expected Volts

| Name | Value |
|----------------|-----------------------|
| Default | yes:v48 |
| Displayed name | Expected Volts |
| OSS name | expectedVolts |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | ExpectedVolts |
| Units | Volts |

Extra Data

Table 2-2355 Extra Data

| Name | Value |
|----------------|----------------------|
| Description | Extra Info On Shelf. |
| Displayed name | Extra Data |
| OSS name | shelfExtraData |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Factory ID

Table 2-2356 Factory ID

| Name | Value |
|----------------|-------------------|
| Description | Shelf Factory ID. |
| Displayed name | Factory ID |

Table 2-2356 Factory ID (continued)

| Name | Value |
|-------------|-------------------|
| OSS name | shelfFactoryId |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Firmware Revision Status**Table 2-2357 Firmware Revision Status**

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:notApplicable |
| Displayed name | Firmware Revision Status |
| OSS name | hwFirmwareRevisionStatus |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | HwFirmwareRevisionStatusTypes |
| Enumerated types: | |
| Acceptable | |
| Not Acceptable | |
| Not Applicable | |
| Upgrade Pending | |
| Upgrading | |

Firmware Version**Table 2-2358 Firmware Version**

| Name | Value |
|----------------|----------------------|
| Default | yes:0 |
| Displayed name | Firmware Version |
| OSS name | fwVer |
| Read-only | yes |
| Tab Panel | General ATCA Details |
| Type | STRING |

Force Mode**Table 2-2359 Force Mode**

| Name | Value |
|----------------|----------------------|
| Default | yes:false |
| Displayed name | Force Mode |
| OSS name | forceMode |
| Read-only | no |
| Tab Panel | General Chassis Mode |
| Type | BOOL |

Free Switching Capacity of the first row**Table 2-2360 Free Switching Capacity of the first row**

| Name | Value |
|----------------|---|
| Description | Describes the Free Switching Capacity of the first/upper shelf row in the unit of GBit/s. |
| Displayed name | Free Switching Capacity of the first row |
| OSS name | freeSwitchingCapacity1 |
| Read-only | yes |
| Tab Panel | General Switching Capacity |
| Type | INT |

Free Switching Capacity of the second row**Table 2-2361 Free Switching Capacity of the second row**

| Name | Value |
|----------------|---|
| Description | Describes the Free Switching Capacity of the second shelf row (if available) in the unit of GBit/s. |
| Displayed name | Free Switching Capacity of the second row |
| OSS name | freeSwitchingCapacity2 |
| Read-only | yes |
| Tab Panel | General Switching Capacity |
| Type | INT |

Hardware Class

Table 2-2362 Hardware Class

| Name | Value |
|--------------------------|------------------------------|
| Default | no |
| Displayed name | Hardware Class |
| OSS name | hardwareClass |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | HardwareClassType |
| Enumerated types: | |
| External Alarm Input | |
| Fam | |
| N/A | |

High Voltage Threshold

Table 2-2363 High Voltage Threshold

| Name | Value |
|----------------|------------------------|
| Default | yes:57.0 |
| Displayed name | High Voltage Threshold |
| Maximum | 80.0 |
| Minimum | 35.0 |
| OSS name | highVoltageThreshold |
| Read-only | no |
| Step | 0.5 |
| Tab Panel | General Shelf Details |
| Type | FLOAT |
| Units | Volts |

HW Revision

Table 2-2364 HW Revision

| Name | Value |
|----------------|-------------|
| Default | yes: |
| Displayed name | HW Revision |

Table 2-2364 HW Revision (continued)

| Name | Value |
|-------------|------------------------------|
| Maximum | 252 |
| OSS name | hwRev |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Installed Fan Trays

Table 2-2365 Installed Fan Trays

| Name | Value |
|----------------|---------------------------|
| Default | yes:0 |
| Displayed name | Installed Fan Trays |
| OSS name | numberOfInstalledFanTrays |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | INT |

Installed Fans

Table 2-2366 Installed Fans

| Name | Value |
|----------------|-----------------------|
| Default | yes:0 |
| Displayed name | Installed Fans |
| OSS name | numberOfInstalledFans |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | INT |

Installed Ports

Table 2-2367 Installed Ports

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 2-2367 Installed Ports (continued)

| Name | Value |
|----------------|------------------------|
| Displayed name | Installed Ports |
| OSS name | numberOfInstalledPorts |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | INT |

Installed Power Supplies

Table 2-2368 Installed Power Supplies

| Name | Value |
|----------------|--------------------------------|
| Default | yes:0 |
| Displayed name | Installed Power Supplies |
| OSS name | numberOfInstalledPowerSupplies |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | INT |

Is Managed

Table 2-2369 Is Managed

| Name | Value |
|----------------|-----------------------|
| Default | yes:true |
| Displayed name | Is Managed |
| OSS name | isManaged |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | BOOL |

LED Status

Table 2-2370 LED Status

| Name | Value |
|-------------|--|
| Description | This value is built using LED state and color. |

Table 2-2370 LED Status (continued)

| Name | Value |
|----------------|-----------------------|
| Displayed name | LED Status |
| OSS name | statusLED |
| Read-only | no |
| Tab Panel | General Test/Analysis |
| Type | STRING |

Line Reference**Table 2-2371 Line Reference**

| Name | Value |
|----------------|-------------------------|
| Displayed name | Line Reference |
| OSS name | activeReferencePointer |
| Read-only | no |
| Tab Panel | Synchronization General |
| Type | POINTER |

Low Temperature State**Table 2-2372 Low Temperature State**

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:none |
| Displayed name | Low Temperature State |
| OSS name | lowTemperatureState |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | ChassisLowTempState |
| Enumerated types: | |
| Low | |
| N/A | |
| OK | |

Low Voltage Threshold

Table 2-2373 Low Voltage Threshold

| Name | Value |
|----------------|-----------------------|
| Default | yes:40.5 |
| Displayed name | Low Voltage Threshold |
| Maximum | 80.0 |
| Minimum | 35.0 |
| OSS name | lowVoltageThreshold |
| Read-only | no |
| Step | 0.5 |
| Tab Panel | General Shelf Details |
| Type | FLOAT |
| Units | Volts |

Manufacture Date

Table 2-2374 Manufacture Date

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacture Date |
| Maximum | 252 |
| OSS name | manufactureDate |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturer

Table 2-2375 Manufacturer

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Manufacturer |
| Maximum | 252 |
| OSS name | manufacturer |
| Read-only | yes |

Table 2-2375 Manufacturer (continued)

| Name | Value |
|-------------|------------------------------|
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Assembly No

Table 2-2376 Manufacturing Assembly No

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Assembly No |
| OSS name | manufacturingAssemblyNo |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Deviations

Table 2-2377 Manufacturing Deviations

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Deviations |
| OSS name | manufacturingDeviations |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Variant

Table 2-2378 Manufacturing Variant

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Manufacturing Variant |
| OSS name | manufacturingVariant |
| Read-only | yes |

Table 2-2378 Manufacturing Variant (continued)

| Name | Value |
|-------------|------------------------------|
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Matrix Size**Table 2-2379 Matrix Size**

| Name | Value |
|----------------|--|
| Default | yes:unspecified |
| Description | Indicates the switching capacity of the shelf (in Gb/s). |
| Displayed name | Matrix Size |
| OSS name | matrixSize |
| Read-only | no |
| Tab Panel | General Switching Capacity |
| Type | MatrixSize |
| Units | Gbps |

Maximum Power Budgeted**Table 2-2380 Maximum Power Budgeted**

| Name | Value |
|----------------|--|
| Description | It indicates the maximum power budgeted for PoE ports. |
| Displayed name | Maximum Power Budgeted |
| OSS name | maxPowerBudget |
| Read-only | no |
| Tab Panel | PoE System PoE |
| Type | FLOAT |
| Units | watts |

Memory Usage High**Table 2-2381 Memory Usage High**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 2-2381 Memory Usage High (continued)

| Name | Value |
|----------------|---|
| Description | The value of subSysChassMemoryUsageHigh indicates that the memory usage of the subscriber management function on this chassis is near the limit |
| Displayed name | Memory Usage High |
| OSS name | subSysChassMemoryUsageHigh |
| Read-access | all |
| Read-only | no |
| Tab Panel | General Subscriber Management |
| Type | generic.TruthValue |

Mixed Mode State on Chassis Enabled**Table 2-2382 Mixed Mode State on Chassis Enabled**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:false |
| Displayed name | Mixed Mode State on Chassis Enabled |
| OSS name | mixedMode |
| Read-only | no |
| Tab Panel | General Mixed Mode |
| Type | BOOL |

Mnemonic**Table 2-2383 Mnemonic**

| Name | Value |
|----------------|-------------------|
| Description | Shelf Mnemonic. |
| Displayed name | Mnemonic |
| OSS name | shelfMnemonic |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Mode

Table 2-2384 Mode

| Name | Value |
|--------------------------|--|
| Default | yes:activeActive |
| Description | The geo-redundancy mode of this chassis. |
| Displayed name | Mode |
| OSS name | geoRedundancyMode |
| Read-only | yes |
| Tab Panel | General Geo-Redundancy |
| Type | GeoRedundancyMode |
| Enumerated types: | |
| | Active-Active-Hot |
| | Active-Active-Warm |
| | Active-Standby-Warm |

Name

Table 2-2385 Name

| Name | Value |
|----------------|------------------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | shelfName |
| Read-only | no |
| Tab Panel | General Geo-Redundancy |
| Type | STRING |

Name

Table 2-2386 Name

| Name | Value |
|----------------|-----------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | shelfName |

Table 2-2386 Name (continued)

| Name | Value |
|-------------|-----------------------|
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | STRING |

Operational IMM Family Type

Table 2-2387 Operational IMM Family Type

| Name | Value |
|--------------------------|---------------------------------------|
| Default | yes:none |
| Description | Oper Imm Family Type for SAS-R nodes. |
| Displayed name | Operational IMM Family Type |
| OSS name | operImmFamilyType |
| Read-only | yes |
| Tab Panel | General IMM Family Type |
| Type | SasImmFamilyType |
| Enumerated types: | |
| KT1 IMMs | |
| KT2 IMMs | |
| None | |

Operational Mode

Table 2-2388 Operational Mode

| Name | Value |
|--------------------------|----------------------|
| Default | yes:none |
| Displayed name | Operational Mode |
| OSS name | operMode |
| Read-only | yes |
| Tab Panel | General Chassis Mode |
| Type | ChassisMode |
| Enumerated types: | |
| A | |
| B | |

Table 2-2388 Operational Mode (continued)

| Name | Value |
|------|-------|
| C | |
| D | |
| N/A | |

Operational Slots

Table 2-2389 Operational Slots

| Name | Value |
|----------------|-----------------------|
| Default | yes:0 |
| Displayed name | Operational Slots |
| OSS name | numberOfOperSlots |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | LONG |

Operational State

Table 2-2390 Operational State

| Name | Value |
|--------------------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | OperationalState |
| Enumerated types: | |
| Booting | |
| Degraded | |
| Diagnosing | |
| Disabled | |
| Down | |
| Downgrade | |
| Empty | |

Table 2-2390 Operational State (continued)

| Name | Value |
|----------------------|-------|
| Enabled | |
| Failed | |
| In Service Downgrade | |
| In Service Upgrade | |
| Indeterminate | |
| Invalid Connection | |
| No Link | |
| Not Present | |
| Not Relevant | |
| Provisioned | |
| Reserved | |
| Reset Pending | |
| Shutting Down | |
| Soft Reset | |
| Testing | |
| Transition | |
| Unknown | |
| Unprovisioned | |
| Unsupported SFF | |
| Up | |
| Upgrade | |

Over Temperature State

Table 2-2391 Over Temperature State

| Name | Value |
|--------------------------|------------------------|
| Default | yes:none |
| Displayed name | Over Temperature State |
| OSS name | overTemperatureState |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | ChassisTempState |
| Enumerated types: | |

Table 2-2391 Over Temperature State (continued)

| Name | Value |
|------|-------|
| N/A | |
| OK | |
| Over | |

Part Number

Table 2-2392 Part Number

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Part Number |
| Maximum | 252 |
| OSS name | manufacturerBoardNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Perform LED Test

Table 2-2393 Perform LED Test

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:noCmd |
| Description | Perform a lamp test on the shelf. |
| Displayed name | Perform LED Test |
| OSS name | lampTest |
| Read-only | no |
| Tab Panel | General Test/Analysis |
| Type | PerformCommand |

PF A Expected

Table 2-2394 PF A Expected

| Name | Value |
|---------|---------------|
| Default | yes:amps3dot7 |

Table 2-2394 PF A Expected (continued)

| Name | Value |
|--------------------------|-----------------------|
| Displayed name | PF A Expected |
| OSS name | pfAexpectedAmps |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | PfExpectedAmpsType |
| Enumerated types: | |
| | 20.6 |
| | 3.7 |
| | 8.5 |
| | N/A |

PF B Expected

Table 2-2395 PF B Expected

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:amps8dot5 |
| Displayed name | PF B Expected |
| OSS name | pfBexpectedAmps |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | PfExpectedAmpsType |
| Enumerated types: | |
| | 20.6 |
| | 3.7 |
| | 8.5 |
| | N/A |

PoE External Power Supply Status

Table 2-2396 PoE External Power Supply Status

| Name | Value |
|----------------|----------------------------------|
| Default | yes:absent |
| Displayed name | PoE External Power Supply Status |

Table 2-2396 PoE External Power Supply Status (continued)

| Name | Value |
|--------------------------|------------------------------|
| OSS name | poeExternalPowerSupplyStatus |
| Read-only | no |
| Tab Panel | PoE General |
| Type | PoeExternalPowerSupplyStatus |
| Enumerated types: | |
| Absent | |
| Present | |

PoE Power Supply Source

Table 2-2397 PoE Power Supply Source

| Name | Value |
|--------------------------|-------------------------|
| Default | yes:none |
| Displayed name | PoE Power Supply Source |
| OSS name | poePowerSupplyMode |
| Read-only | no |
| Tab Panel | PoE General |
| Type | PoePowerSupplyMode |
| Enumerated types: | |
| External | |
| Internal | |
| None | |

PoE Power Supply Status

Table 2-2398 PoE Power Supply Status

| Name | Value |
|----------------|-------------------------|
| Default | yes:none |
| Displayed name | PoE Power Supply Status |
| OSS name | poePowerSupplyStatus |
| Read-only | no |
| Tab Panel | PoE General |
| Type | PoePowerSupplyStatus |

Table 2-2398 PoE Power Supply Status (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Bad | |
| Good | |
| None | |

Power Available

Table 2-2399 Power Available

| Name | Value |
|----------------|---|
| Description | It indicates the power available for PoE ports. |
| Displayed name | Power Available |
| OSS name | systemPowerAvailable |
| Read-only | no |
| Tab Panel | PoE System PoE |
| Type | FLOAT |
| Units | watts |

Power Committed

Table 2-2400 Power Committed

| Name | Value |
|----------------|---|
| Description | It indicates the power committed for PoE ports. |
| Displayed name | Power Committed |
| OSS name | systemPowerCommitted |
| Read-only | no |
| Tab Panel | PoE System PoE |
| Type | FLOAT |
| Units | watts |

Power in Use

Table 2-2401 Power in Use

| Name | Value |
|----------------|---|
| Description | It indicates the power in use by PoE ports. |
| Displayed name | Power in Use |
| OSS name | systemPowerInUse |
| Read-only | no |
| Tab Panel | PoE System PoE |
| Type | FLOAT |
| Units | watts |

Present Shelf Type

Table 2-2402 Present Shelf Type

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:unknownShelf |
| Displayed name | Present Shelf Type |
| OSS name | shelfPresentType |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | ShelfType |
| Enumerated types: | |
| 1830 PSS 1 AHP | |
| 1830 PSS 1 GBEH | |
| 1830 PSS 1 MD4H | |
| 1830 PSS 16 | |
| 1830 PSS 16 Shelf | |
| 1830 PSS 32 | |
| 1830 PSS 32 Shelf | |
| 1830 PSS 32s | |
| 1830 PSS 32s 1.2T Shelf | |
| 1830 PSS 32s 1.6T Shelf | |
| 1830 PSS 36 | |
| 1830 PSS 36 Shelf | |
| 1830 PSS 4 | |

Table 2-2402 Present Shelf Type (continued)

| Name | Value |
|-----------------------------|-------|
| 1830 PSS 4 Shelf | |
| 1830 PSS 64 | |
| 1830 PSS 64 Shelf | |
| 1830 PSS TRU Shelf | |
| 1830 PSS Universal Shelf | |
| 5780 DSC - ATCA | |
| 5780 DSC - CSB | |
| 5780 DSC - DCP | |
| 5780 DSC - Non-ATCA | |
| 5780 DSC - PCRFB | |
| 7210 SAS-D-6F-4T | |
| 7210 SAS-D-6F-4T ETR | |
| 7210 SAS-E | |
| 7210 SAS-K-2F-3T | |
| 7210 SAS-K-2F-3T ETR | |
| 7210 SAS-M-24F | |
| 7210 SAS-M-24F ETR | |
| 7210 SAS-M-24F-2XFP | |
| 7210 SAS-M-24F-2XFP ETR | |
| 7210 SAS-R6 | |
| 7210 SAS-T-12F-10T-4XFP | |
| 7210 SAS-T-12F-10T-4XFP ETR | |
| 7210 SAS-X-24F-2XFP | |
| 7250 SAS | |
| 7250 SAS ES | |
| 7250 SAS ESA | |
| 7450-ESS1 | |
| 7450-ESS12 | |
| 7450-ESS24 | |
| 7450-ESS4 | |
| 7450-ESS6 | |
| 7450-ESS6V | |
| 7450-ESS7 | |

Table 2-2402 Present Shelf Type (continued)

| Name | Value |
|-------------------------------|-------|
| 7701 CPAA | |
| 7705 SAR-A | |
| 7705 SAR-A T1/E1 | |
| 7705 SAR-H | |
| 7705 SAR-Hc | |
| 7705 SAR-W | |
| 7705 SAR-Wx (4GE xDSL GPS Rx) | |
| 7705 SAR-Wx (4GE xDSL) | |
| 7705 SAR-Wx (5GE GPS Rx) | |
| 7705 SAR-Wx (5GE PoE+ GPS Rx) | |
| 7705 SAR-Wx (5GE PoE+) | |
| 7705 SAR-Wx (5GE) | |
| 7705-SAR18 | |
| 7705-SAR8 | |
| 7705-SAR8 v2 | |
| 7705-SARF | |
| 7705-SARM | |
| 7705-SARM ASAP | |
| 7705-SARM ASAP FL | |
| 7705-SARM FL | |
| 7710-SRc12 | |
| 7710-SRc4 | |
| 7750-SR1 | |
| 7750-SR12 | |
| 7750-SR12-MG | |
| 7750-SR12e | |
| 7750-SR24 | |
| 7750-SR4 | |
| 7750-SR7 | |
| 7750-SR7-MG | |
| 7750-SRa4 | |
| 7750-SRa8 | |
| 7750-SRc12 | |

Table 2-2402 Present Shelf Type (continued)

| Name | Value |
|--|-------|
| 7750-SRc4 | |
| 7850 | |
| 7950-XRS16 | |
| 7950-XRS20 | |
| 9412 D2U BUILT-IN EAM E-NODEB TDD | |
| 9412 D2U E-NODEB FDD | |
| 9412 D2U E-NODEB Indoor FDD | |
| 9412 D2U E-NODEB Indoor TDD | |
| 9412 D2U E-NODEB Outdoor with AMR FDD | |
| 9412 D2U E-NODEB Outdoor with AMR TDD | |
| 9412 D2U E-NODEB Outdoor without AMR FDD | |
| 9412 D2U E-NODEB Outdoor without AMR TDD | |
| 9412 D2U E-NODEB TDD | |
| 9471 ATCA | |
| 9471 ATE | |
| 9471 MME | |
| 9471 Next Gen | |
| 9471 SGSN | |
| 9471 SRS | |
| 9471 vWMM | |
| 9471 WMM | |
| 9500 MPR-A | |
| 9500 MPR-A Chassis 1 | |
| 9500 MPR-A Chassis 4 | |
| 9500 MPR-E | |
| 9500 MPR-E Chassis 1 | |
| 9500 MPR-E Chassis 4 | |
| 9500 MPRe | |
| 9763 MCI FAM E-NODEB FDD | |
| 9764 MCO FAM Adv E-NODEB FDD | |
| 9764 MCO FAM E-NODEB FDD | |
| 9764 MCO TRF E-NODEB FDD | |
| 9774 LMG | |

Table 2-2402 Present Shelf Type (continued)

| Name | Value |
|---|-------|
| 9926 D2U E-NODEB FDD | |
| 9926 D2U E-NODEB TDD | |
| 9966 SCGW | |
| DCM :Dispersion Compensation Module Shelf | |
| E-NODEB | |
| Empty Shelf | |
| FemtoCluster | |
| FemtoNetwork | |
| GNE | |
| GroupProfile | |
| HardwareProfile | |
| HDMCluster | |
| HDMDomain | |
| HIP Chassis | |
| ITLB: Interleaver Shelf, Bidirectional | |
| ITLU: Interleaver Shelf, Unidirectional | |
| LocationProfile | |
| Locations | |
| LteCallpProfile | |
| LteLocalOverride | |
| LteOAMProfile | |
| LteProfile | |
| LteRRMProfile | |
| LteTransportProfile | |
| MacroCells | |
| Master Shelf | |
| MDR 8000-Compact | |
| MDR 8000-Hot-Standby | |
| MDR-8000E-Compak | |
| MDR-8000E-Standard | |
| MDR-8000i | |
| MDR-8000s | |
| MDR-8000u | |

Table 2-2402 Present Shelf Type (continued)

| Name | Value |
|----------------------|-------|
| MSH8-FSM Shelf | |
| MSS-1 | |
| MSS-4 | |
| MSS-8 | |
| OmniSwitch 10K | |
| OmniSwitch 6250 | |
| OmniSwitch 6400 | |
| OmniSwitch 6850 | |
| OmniSwitch 6850E | |
| OmniSwitch 6855 | |
| OmniSwitch 6855-U24X | |
| OmniSwitch 6900-T20 | |
| OmniSwitch 6900-T40 | |
| OmniSwitch 6900-X20 | |
| OmniSwitch 6900-X40 | |
| OmniSwitch 9600 | |
| OmniSwitch 9700 | |
| OmniSwitch 9700E | |
| OmniSwitch 9800 | |
| OmniSwitch 9800E | |
| OS6250-24 | |
| OS6250-24M | |
| OS6250-24MD | |
| OS6250-8M | |
| OS6250-P24 | |
| OS6400-24 | |
| OS6400-48 | |
| OS6400-DU24 | |
| OS6400-P24 | |
| OS6400-P48 | |
| OS6400-U24 | |
| OS6450-10 | |
| OS6450-10L | |

Table 2-2402 Present Shelf Type (continued)

| Name | Value |
|--------------|-------|
| OS6450-24 | |
| OS6450-24L | |
| OS6450-48 | |
| OS6450-48L | |
| OS6450-P10 | |
| OS6450-P10L | |
| OS6450-P10S | |
| OS6450-P24 | |
| OS6450-P24L | |
| OS6450-P48 | |
| OS6450-P48L | |
| OS6450-U24 | |
| OS6450-U24S | |
| OS6850-24 | |
| OS6850-24L | |
| OS6850-24LU | |
| OS6850-24X | |
| OS6850-48 | |
| OS6850-48L | |
| OS6850-48LU | |
| OS6850-48X | |
| OS6850-P24 | |
| OS6850-P24L | |
| OS6850-P24LU | |
| OS6850-P24X | |
| OS6850-P48 | |
| OS6850-P48L | |
| OS6850-P48LU | |
| OS6850-P48X | |
| OS6850-U24X | |
| OS6850E-24 | |
| OS6850E-24X | |
| OS6850E-48 | |

Table 2-2402 Present Shelf Type (continued)

| Name | Value |
|---|-------|
| OS6850E-48X | |
| OS6850E-P24 | |
| OS6850E-P24X | |
| OS6850E-P48 | |
| OS6850E-P48X | |
| OS6850E-U24X | |
| OS6855-14 | |
| OS6855-24 | |
| OS6855-U10 | |
| OS6855-U24 | |
| OS6855-U24X | |
| Pre-Provisioned E-NODEB | |
| Profile | |
| PSC1-6 | |
| SCGW 9966 ATCA | |
| SFD 40 B:Static Filter DWDM 40 Odd Channel Shelf | |
| SFD 40: Static Filter DWDM 40 Even Channel Shelf | |
| SFD 44 B :Static Filter DWDM 44 Odd Channel Shelf | |
| SFD 44: Static Filter DWDM 44 Even Channel Shelf | |
| SmallCells ATCA | |
| T4R | |
| T5 Compact 24F | |
| T5 Compact 24G | |
| T5 Compact 24GT | |
| T5 Compact 24T | |
| T5 Compact 48T | |
| T5R | |
| Unknown | |
| Unknown Shelf | |
| VSC | |

Primary State

Table 2-2403 Primary State

| Name | Value |
|----------------|------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | General States |
| Type | PrimaryStateType |

PSE Maximum Power Budget

Table 2-2404 PSE Maximum Power Budget

| Name | Value |
|----------------|--------------------------|
| Default | yes:60 |
| Displayed name | PSE Maximum Power Budget |
| Maximum | 60 |
| Minimum | 0 |
| OSS name | poeMaxPowerBudget |
| Read-only | no |
| Tab Panel | PoE General |
| Type | INT |
| Units | watts |

PSE Power Available

Table 2-2405 PSE Power Available

| Name | Value |
|----------------|--------------------------|
| Default | yes:60 |
| Displayed name | PSE Power Available |
| Maximum | 60 |
| Minimum | 0 |
| OSS name | poeMainPseAvaliablePower |
| Read-only | no |
| Tab Panel | PoE General |

Table 2-2405 PSE Power Available (continued)

| Name | Value |
|-------|-------|
| Type | INT |
| Units | watts |

PSE Power Consumed

Table 2-2406 PSE Power Consumed

| Name | Value |
|----------------|----------------------------|
| Default | yes:0 |
| Displayed name | PSE Power Consumed |
| Maximum | 60 |
| Minimum | 0 |
| OSS name | poeMainPseConsumptionPower |
| Read-only | no |
| Tab Panel | PoE General |
| Type | INT |
| Units | watts |

Quality Value Level

Table 2-2407 Quality Value Level

| Name | Value |
|----------------|----------------------------------|
| Default | yes:unspecified |
| Description | The value of the system quality. |
| Displayed name | Quality Value Level |
| OSS name | syncSystemQL |
| Read-only | no |
| Tab Panel | Synchronization General |
| Type | SystemQualityLevel |

Secondary State

Table 2-2408 Secondary State

| Name | Value |
|----------------|--------------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | General States |
| Type | SecondaryStateType |

Serial Number

Table 2-2409 Serial Number

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Serial Number |
| Maximum | 252 |
| OSS name | serialNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Serial Number

Table 2-2410 Serial Number

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Serial Number |
| Maximum | 16 |
| OSS name | serialNum |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | STRING |

Serial Number

Table 2-2411 Serial Number

| Name | Value |
|----------------|----------------------|
| Description | Shelf Serial Number. |
| Displayed name | Serial Number |
| OSS name | shelfSerialNumber |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Shelf Description

Table 2-2412 Shelf Description

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Shelf Description |
| Maximum | 255 |
| OSS name | shelfDesc |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | STRING |

Shelf ID

Table 2-2413 Shelf ID

| Name | Value |
|----------------|-----------------------|
| Default | yes:0 |
| Displayed name | Shelf ID |
| OSS name | shelfId |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | INT |

Shelf Type

Table 2-2414 Shelf Type

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:unknownShelf |
| Displayed name | Shelf Type |
| OSS name | shelfType |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | ShelfType |
| Enumerated types: | |
| 1830 PSS 1 AHP | |
| 1830 PSS 1 GBEH | |
| 1830 PSS 1 MD4H | |
| 1830 PSS 16 | |
| 1830 PSS 16 Shelf | |
| 1830 PSS 32 | |
| 1830 PSS 32 Shelf | |
| 1830 PSS 32s | |
| 1830 PSS 32s 1.2T Shelf | |
| 1830 PSS 32s 1.6T Shelf | |
| 1830 PSS 36 | |
| 1830 PSS 36 Shelf | |
| 1830 PSS 4 | |
| 1830 PSS 4 Shelf | |
| 1830 PSS 64 | |
| 1830 PSS 64 Shelf | |
| 1830 PSS TRU Shelf | |
| 1830 PSS Universal Shelf | |
| 5780 DSC - ATCA | |
| 5780 DSC - CSB | |
| 5780 DSC - DCP | |
| 5780 DSC - Non-ATCA | |
| 5780 DSC - PCRF | |
| 7210 SAS-D-6F-4T | |
| 7210 SAS-D-6F-4T ETR | |

Table 2-2414 Shelf Type (continued)

| Name | Value |
|-------------------------------|-------|
| 7210 SAS-E | |
| 7210 SAS-K-2F-3T | |
| 7210 SAS-K-2F-3T ETR | |
| 7210 SAS-M-24F | |
| 7210 SAS-M-24F ETR | |
| 7210 SAS-M-24F-2XFP | |
| 7210 SAS-M-24F-2XFP ETR | |
| 7210 SAS-R6 | |
| 7210 SAS-T-12F-10T-4XFP | |
| 7210 SAS-T-12F-10T-4XFP ETR | |
| 7210 SAS-X-24F-2XFP | |
| 7250 SAS | |
| 7250 SAS ES | |
| 7250 SAS ESA | |
| 7450-ESS1 | |
| 7450-ESS12 | |
| 7450-ESS24 | |
| 7450-ESS4 | |
| 7450-ESS6 | |
| 7450-ESS6V | |
| 7450-ESS7 | |
| 7701 CPAA | |
| 7705 SAR-A | |
| 7705 SAR-A T1/E1 | |
| 7705 SAR-H | |
| 7705 SAR-Hc | |
| 7705 SAR-W | |
| 7705 SAR-Wx (4GE xDSL GPS Rx) | |
| 7705 SAR-Wx (4GE xDSL) | |
| 7705 SAR-Wx (5GE GPS Rx) | |
| 7705 SAR-Wx (5GE PoE+ GPS Rx) | |
| 7705 SAR-Wx (5GE PoE+) | |
| 7705 SAR-Wx (5GE) | |

Table 2-2414 Shelf Type (continued)

| Name | Value |
|--|-------|
| 7705-SAR18 | |
| 7705-SAR8 | |
| 7705-SAR8 v2 | |
| 7705-SARF | |
| 7705-SARM | |
| 7705-SARM ASAP | |
| 7705-SARM ASAP FL | |
| 7705-SARM FL | |
| 7710-SRc12 | |
| 7710-SRc4 | |
| 7750-SR1 | |
| 7750-SR12 | |
| 7750-SR12-MG | |
| 7750-SR12e | |
| 7750-SR24 | |
| 7750-SR4 | |
| 7750-SR7 | |
| 7750-SR7-MG | |
| 7750-SRa4 | |
| 7750-SRa8 | |
| 7750-SRc12 | |
| 7750-SRc4 | |
| 7850 | |
| 7950-XRS16 | |
| 7950-XRS20 | |
| 9412 D2U BUILT-IN EAM E-NODEB TDD | |
| 9412 D2U E-NODEB FDD | |
| 9412 D2U E-NODEB Indoor FDD | |
| 9412 D2U E-NODEB Indoor TDD | |
| 9412 D2U E-NODEB Outdoor with AMR FDD | |
| 9412 D2U E-NODEB Outdoor with AMR TDD | |
| 9412 D2U E-NODEB Outdoor without AMR FDD | |
| 9412 D2U E-NODEB Outdoor without AMR TDD | |

Table 2-2414 Shelf Type (continued)

| Name | Value |
|---|-------|
| 9412 D2U E-NODEB TDD | |
| 9471 ATCA | |
| 9471 ATE | |
| 9471 MME | |
| 9471 Next Gen | |
| 9471 SGSN | |
| 9471 SRS | |
| 9471 vWMM | |
| 9471 WMM | |
| 9500 MPR-A | |
| 9500 MPR-A Chassis 1 | |
| 9500 MPR-A Chassis 4 | |
| 9500 MPR-E | |
| 9500 MPR-E Chassis 1 | |
| 9500 MPR-E Chassis 4 | |
| 9500 MPRe | |
| 9763 MCI FAM E-NODEB FDD | |
| 9764 MCO FAM Adv E-NODEB FDD | |
| 9764 MCO FAM E-NODEB FDD | |
| 9764 MCO TRF E-NODEB FDD | |
| 9774 LMG | |
| 9926 D2U E-NODEB FDD | |
| 9926 D2U E-NODEB TDD | |
| 9966 SCGW | |
| DCM :Dispersion Compensation Module Shelf | |
| E-NODEB | |
| Empty Shelf | |
| FemtoCluster | |
| FemtoNetwork | |
| GNE | |
| GroupProfile | |
| HardwareProfile | |
| HDMCluster | |

Table 2-2414 Shelf Type (continued)

| Name | Value |
|---|-------|
| HDMDomain | |
| HIP Chassis | |
| ITLB: Interleaver Shelf, Bidirectional | |
| ITLU: Interleaver Shelf, Unidirectional | |
| LocationProfile | |
| Locations | |
| LteCallpProfile | |
| LteLocalOverride | |
| LteOAMProfile | |
| LteProfile | |
| LteRRMProfile | |
| LteTransportProfile | |
| MacroCells | |
| Master Shelf | |
| MDR 8000-Compact | |
| MDR 8000-Hot-Standby | |
| MDR-8000E-Compak | |
| MDR-8000E-Standard | |
| MDR-8000i | |
| MDR-8000s | |
| MDR-8000u | |
| MSH8-FSM Shelf | |
| MSS-1 | |
| MSS-4 | |
| MSS-8 | |
| OmniSwitch 10K | |
| OmniSwitch 6250 | |
| OmniSwitch 6400 | |
| OmniSwitch 6850 | |
| OmniSwitch 6850E | |
| OmniSwitch 6855 | |
| OmniSwitch 6855-U24X | |
| OmniSwitch 6900-T20 | |

Table 2-2414 Shelf Type (continued)

| Name | Value |
|---------------------|-------|
| OmniSwitch 6900-T40 | |
| OmniSwitch 6900-X20 | |
| OmniSwitch 6900-X40 | |
| OmniSwitch 9600 | |
| OmniSwitch 9700 | |
| OmniSwitch 9700E | |
| OmniSwitch 9800 | |
| OmniSwitch 9800E | |
| OS6250-24 | |
| OS6250-24M | |
| OS6250-24MD | |
| OS6250-8M | |
| OS6250-P24 | |
| OS6400-24 | |
| OS6400-48 | |
| OS6400-DU24 | |
| OS6400-P24 | |
| OS6400-P48 | |
| OS6400-U24 | |
| OS6450-10 | |
| OS6450-10L | |
| OS6450-24 | |
| OS6450-24L | |
| OS6450-48 | |
| OS6450-48L | |
| OS6450-P10 | |
| OS6450-P10L | |
| OS6450-P10S | |
| OS6450-P24 | |
| OS6450-P24L | |
| OS6450-P48 | |
| OS6450-P48L | |
| OS6450-U24 | |

Table 2-2414 Shelf Type (continued)

| Name | Value |
|-------------------------|-------|
| OS6450-U24S | |
| OS6850-24 | |
| OS6850-24L | |
| OS6850-24LU | |
| OS6850-24X | |
| OS6850-48 | |
| OS6850-48L | |
| OS6850-48LU | |
| OS6850-48X | |
| OS6850-P24 | |
| OS6850-P24L | |
| OS6850-P24LU | |
| OS6850-P24X | |
| OS6850-P48 | |
| OS6850-P48L | |
| OS6850-P48LU | |
| OS6850-P48X | |
| OS6850-U24X | |
| OS6850E-24 | |
| OS6850E-24X | |
| OS6850E-48 | |
| OS6850E-48X | |
| OS6850E-P24 | |
| OS6850E-P24X | |
| OS6850E-P48 | |
| OS6850E-P48X | |
| OS6850E-U24X | |
| OS6855-14 | |
| OS6855-24 | |
| OS6855-U10 | |
| OS6855-U24 | |
| OS6855-U24X | |
| Pre-Provisioned E-NODEB | |

Table 2-2414 Shelf Type (continued)

| Name | Value |
|---|-------|
| Profile | |
| PSC1-6 | |
| SCGW 9966 ATCA | |
| SFD 40 B:Static Filter DWDM 40 Odd Channel Shelf | |
| SFD 40: Static Filter DWDM 40 Even Channel Shelf | |
| SFD 44 B :Static Filter DWDM 44 Odd Channel Shelf | |
| SFD 44: Static Filter DWDM 44 Even Channel Shelf | |
| SmallCells ATCA | |
| T4R | |
| T5 Compact 24F | |
| T5 Compact 24G | |
| T5 Compact 24GT | |
| T5 Compact 24T | |
| T5 Compact 48T | |
| T5R | |
| Unknown | |
| Unknown Shelf | |
| VSC | |

Site ID

Table 2-2415 Site ID

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site Name

Table 2-2416 Site Name

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Software Part Number

Table 2-2417 Software Part Number

| Name | Value |
|----------------|----------------------------|
| Description | Shelf Software PartNumber. |
| Displayed name | Software Part Number |
| OSS name | shelfSoftwarePartNumber |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Software Version

Table 2-2418 Software Version

| Name | Value |
|----------------|----------------------|
| Default | yes:0 |
| Displayed name | Software Version |
| OSS name | swVer |
| Read-only | yes |
| Tab Panel | General ATCA Details |
| Type | STRING |

Standby Status

Table 2-2419 Standby Status

| Name | Value |
|--------------------------|---|
| Default | yes:notRelevant |
| Description | The geo-redundancy standby status of this chassis. 'Providing service' implies this is the local chassis and any other state implies the chassis is a geo-redundant remote. |
| Displayed name | Standby Status |
| OSS name | geoStandbyStatus |
| Read-only | yes |
| Tab Panel | General Geo-Redundancy |
| Type | StandbyStatus |
| Enumerated types: | |
| | Cold Standby |
| | Hot Standby |
| | Not Relevant |
| | Providing Service |
| | Unknown |

State

Table 2-2420 State

| Name | Value |
|----------------|---------------------|
| Default | yes:mpls_mode |
| Displayed name | State |
| OSS name | sasMode |
| Read-only | no |
| Tab Panel | General Uplink Mode |
| Type | INT |

Sub-node Details

Table 2-2421 Sub-node Details

| Name | Value |
|---------|-------|
| Default | yes: |

Table 2-2421 Sub-node Details (continued)

| Name | Value |
|----------------|---|
| Description | Pointer to gmpls.SubNode instance discovered through the CORBA interface. Applicable if this is an OCS shelf. |
| Displayed name | Sub-node Details |
| OSS name | subNodePointer |
| Read-only | yes |
| Tab Panel | General ASON Sub-node |
| Type | POINTER |

Switch Model**Table 2-2422 Switch Model**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Switch Model |
| Maximum | 252 |
| OSS name | switchModel |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Switch Request**Table 2-2423 Switch Request**

| Name | Value |
|----------------|-------------------------|
| Default | yes:noRequest |
| Displayed name | Switch Request |
| OSS name | switchRequest |
| Read-only | no |
| Tab Panel | Synchronization General |
| Type | SwitchRequestTypes |

Switch To Timing Reference**Table 2-2424 Switch To Timing Reference**

| Name | Value |
|----------------|----------------------------|
| Displayed name | Switch To Timing Reference |
| OSS name | switchToTimingReference |
| Read-only | no |
| Tab Panel | Synchronization General |
| Type | SwitchLineReference |

Sync Messaging**Table 2-2425 Sync Messaging**

| Name | Value |
|----------------|-------------------------|
| Default | yes:disable |
| Displayed name | Sync Messaging |
| OSS name | syncSupport |
| Read-only | no |
| Tab Panel | Synchronization General |
| Type | EnableDisable |

Total Slots**Table 2-2426 Total Slots**

| Name | Value |
|----------------|-----------------------|
| Default | yes:1 |
| Displayed name | Total Slots |
| OSS name | numberOfCardSlots |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | INT |

Total Switching Capacity of the first row**Table 2-2427 Total Switching Capacity of the first row**

| Name | Value |
|----------------|--|
| Description | Describes the Total Switching Capacity of the first/upper shelf row in the unit of GBit/s. |
| Displayed name | Total Switching Capacity of the first row |
| OSS name | totalSwitchingCapacity1 |
| Read-only | no |
| Tab Panel | General Switching Capacity |
| Type | INT |

Total Switching Capacity of the second row**Table 2-2428 Total Switching Capacity of the second row**

| Name | Value |
|----------------|--|
| Description | Describes the Total Switching Capacity of the second shelf row (if available) in the unit of GBit/s. |
| Displayed name | Total Switching Capacity of the second row |
| OSS name | totalSwitchingCapacity2 |
| Read-only | yes |
| Tab Panel | General Switching Capacity |
| Type | INT |

TRU Shelf ID**Table 2-2429 TRU Shelf ID**

| Name | Value |
|----------------|-----------------------|
| Default | yes:0 |
| Displayed name | TRU Shelf ID |
| Maximum | 255 |
| Minimum | 128 |
| OSS name | truShelfId |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | INT |

TRU Type**Table 2-2430 TRU Type**

| Name | Value |
|----------------|-----------------------|
| Default | yes:none |
| Displayed name | TRU Type |
| OSS name | truType |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | TruType |

Unit Part Number**Table 2-2431 Unit Part Number**

| Name | Value |
|----------------|--------------------------------------|
| Description | Shelf Unit Manufacturing PartNumber. |
| Displayed name | Unit Part Number |
| OSS name | shelfUnitPartNumber |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Unknown Status**Table 2-2432 Unknown Status**

| Name | Value |
|--------------------------|----------------------|
| Default | yes:true |
| Displayed name | Unknown Status |
| OSS name | unknownStatus |
| Read-only | yes |
| Tab Panel | General ATCA Details |
| Type | UnknownStatus |
| Enumerated types: | |
| False | |
| True | |

Used Switching Capacity of the first row**Table 2-2433 Used Switching Capacity of the first row**

| Name | Value |
|----------------|---|
| Description | Describes the Used Switching Capacity of the first/upper shelf row in the unit of GBit/s. |
| Displayed name | Used Switching Capacity of the first row |
| OSS name | usedSwitchingCapacity1 |
| Read-only | yes |
| Tab Panel | General Switching Capacity |
| Type | INT |

Used Switching Capacity of the second row**Table 2-2434 Used Switching Capacity of the second row**

| Name | Value |
|----------------|---|
| Description | Describes the Used Switching Capacity of the second shelf row (if available) in the unit of GBit/s. |
| Displayed name | Used Switching Capacity of the second row |
| OSS name | usedSwitchingCapacity2 |
| Read-only | yes |
| Tab Panel | General Switching Capacity |
| Type | INT |

Virtual Chassis Local Slot**Table 2-2435 Virtual Chassis Local Slot**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | vChassisLocalVCSlot indicates the base virtual chassis slot number of the local chassis with an active CPM. |
| Displayed name | Virtual Chassis Local Slot |
| OSS name | vChassisLocalVCSlot |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | INT |

Virtual Fabric Link State**Table 2-2436 Virtual Fabric Link State**

| Name | Value |
|--------------------------|--|
| Default | yes:0 |
| Description | aggregateVflState indicates the state of the aggregated Virtual Fabric Link (VFL). |
| Displayed name | Virtual Fabric Link State |
| OSS name | aggregateVflState |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | AggregateVflState |
| Enumerated types: | |
| Down | |
| Unknown | |
| Up | |

Voltage Floor**Table 2-2437 Voltage Floor**

| Name | Value |
|----------------|-----------------------|
| Default | yes:39 |
| Displayed name | Voltage Floor |
| Maximum | 72 |
| Minimum | 39 |
| OSS name | voltageFloor |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | INT |

Voltage Threshold Tolerance**Table 2-2438 Voltage Threshold Tolerance**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:2 |
| Displayed name | Voltage Threshold Tolerance |
| Maximum | 5 |

Table 2-2438 Voltage Threshold Tolerance (continued)

| Name | Value |
|-------------|---------------------------|
| Minimum | 1 |
| OSS name | voltageThresholdTolerance |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | INT |
| Units | Volts |

Wavelength Tracker Enabled

Table 2-2439 Wavelength Tracker Enabled

| Name | Value |
|----------------|---------------------------------------|
| Description | Wavelength Tracker Mode of the Shelf. |
| Displayed name | Wavelength Tracker Enabled |
| OSS name | wtMode |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | BOOL |

SNC Route parameters

ASON Domain ID

Table 2-2440 ASON Domain ID

| Name | Value |
|----------------|-----------------|
| Default | yes:1 |
| Description | ASON domain ID. |
| Displayed name | ASON Domain ID |
| OSS name | domainId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

CP Node ID**Table 2-2441 CP Node ID**

| Name | Value |
|----------------|--|
| Description | EMS name (ie GMRE LSR ID) of the subnetwork connection ingress (head-end) node. Encoded as IPv4 address (xxx.xxx.xxx.xxx). |
| Displayed name | CP Node ID |
| OSS name | cpNodeId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Exclusive**Table 2-2442 Exclusive**

| Name | Value |
|--------------------------|-------------------------------------|
| Default | yes:n |
| Displayed name | Exclusive |
| OSS name | exclusive |
| Read-only | no |
| Tab Panel | General Subnetwork Connection Route |
| Type | ExclusiveRouteType |
| Enumerated types: | |
| | No |

Leg Type**Table 2-2443 Leg Type**

| Name | Value |
|-----------------------|---|
| Description | Route leg type, as reported by head-end node. |
| Displayed name | Leg Type |
| Mandatory on creation | yes |
| OSS name | legType |
| Read-only | no |
| Tab Panel | General Subnetwork Connection Route |
| Type | RouteLegType |

Table 2-2443 Leg Type (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Main | |
| Spare | |

Nominal

Table 2-2444 Nominal

| Name | Value |
|--------------------------|-------------------------------------|
| Displayed name | Nominal |
| OSS name | intended |
| Read-only | no |
| Tab Panel | General Subnetwork Connection Route |
| Type | IntendedRouteType |
| Enumerated types: | |
| No | |
| Yes | |

Route Type

Table 2-2445 Route Type

| Name | Value |
|--------------------------|---|
| Description | Numeric route ID, as reported by head-end node. Node reports it as string ("0", "1", "2", or "100"), SAM uses enum type for this value. |
| Displayed name | Route Type |
| Mandatory on creation | yes |
| OSS name | sncRouteId |
| Read-only | no |
| Tab Panel | General Subnetwork Connection Route |
| Type | SncRouteType |
| Enumerated types: | |
| Active | |
| Nominal | |
| Registered Backup | |

Table 2-2445 Route Type (continued)

| Name | Value |
|----------------|-------|
| SNC Exclusions | |

State

Table 2-2446 State

| Name | Value |
|--------------------------|-------------------------------------|
| Displayed name | State |
| OSS name | actualState |
| Read-only | yes |
| Tab Panel | General Subnetwork Connection Route |
| Type | ActualRouteStateType |
| Enumerated types: | |
| Active | |
| Inactive | |

Subnetwork Connection ID

Table 2-2447 Subnetwork Connection ID

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | SAM auto-generated SNC ID (copied from parent object, the SNC). |
| Displayed name | Subnetwork Connection ID |
| OSS name | sncId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Total Latency

Table 2-2448 Total Latency

| Name | Value |
|----------------|---------------|
| Default | yes:0 |
| Displayed name | Total Latency |

Table 2-2448 Total Latency (continued)

| Name | Value |
|-------------|-------------------------------------|
| OSS name | totalLatency |
| Read-only | yes |
| Tab Panel | General Subnetwork Connection Route |
| Type | LONG |

SNC Route XC parameters

aEnd1 TpName Ctp Id

Table 2-2449 aEnd1 TpName Ctp Id

| Name | Value |
|-----------------------|---|
| Default | no |
| Description | Corresponds to "CTP" portion of the CORBA name of the aEnd tpName. Eg: "odu3-3=1-g=0-ts=1". |
| Displayed name | aEnd1 TpName Ctp Id |
| Mandatory on creation | yes |
| OSS name | aEnd1TpNameCtpId |
| Read-only | no |
| Tab Panel | General A End 1 |
| Type | STRING |

aEnd1 TpName Databearer Id

Table 2-2450 aEnd1 TpName Databearer Id

| Name | Value |
|-----------------------|---|
| Default | no |
| Description | Corresponds to "PTP" portion of the CORBA name of the aEnd tpName. Databearer external name. Eg: "OTU-1020304". |
| Displayed name | aEnd1 TpName Databearer Id |
| Mandatory on creation | yes |
| OSS name | aEnd1TpNameDataBearerId |
| Read-only | no |
| Tab Panel | General A End 1 |

Table 2-2450 aEnd1 TpName Dabearer Id (continued)

| Name | Value |
|------|--------|
| Type | STRING |

aEnd1 TpName Ems**Table 2-2451 aEnd1 TpName Ems**

| Name | Value |
|-----------------------|---|
| Default | no |
| Description | Corresponds to EMS name (ie GMRE LSR ID) of the aEnd tpName. Encoded as IPv4 address (xxx.xxx.xxx.xxx). |
| Displayed name | aEnd1 TpName Ems |
| Mandatory on creation | yes |
| OSS name | aEnd1TpNameEms |
| Read-only | no |
| Tab Panel | General A End 1 |
| Type | STRING |

aEnd1 TpName Managed Element**Table 2-2452 aEnd1 TpName Managed Element**

| Name | Value |
|-----------------------|---|
| Default | yes:0 |
| Description | Corresponds to "ManagedElement" portion of the CORBA name of the aEnd tpName. In CORBA interface, for the time being, it is always "0". |
| Displayed name | aEnd1 TpName Managed Element |
| Mandatory on creation | yes |
| OSS name | aEnd1TpNameManagedElement |
| Read-only | no |
| Tab Panel | General A End 1 |
| Type | STRING |

aEnd2 TpName Ctp Id**Table 2-2453 aEnd2 TpName Ctp Id**

| Name | Value |
|-----------------------|---|
| Default | no |
| Description | Corresponds to "CTP" portion of the CORBA name of the aEnd tpName. Eg: "odu3-3=1-g=0-ts=1". |
| Displayed name | aEnd2 TpName Ctp Id |
| Mandatory on creation | yes |
| OSS name | aEnd2TpNameCtpId |
| Read-only | no |
| Tab Panel | General A End 2 |
| Type | STRING |

aEnd2 TpName Databearer Id**Table 2-2454 aEnd2 TpName Databearer Id**

| Name | Value |
|-----------------------|---|
| Default | no |
| Description | Corresponds to "PTP" portion of the CORBA name of the aEnd tpName. Databearer external name. Eg: "OTU-1020304". |
| Displayed name | aEnd2 TpName Databearer Id |
| Mandatory on creation | yes |
| OSS name | aEnd2TpNameDataBearerId |
| Read-only | no |
| Tab Panel | General A End 2 |
| Type | STRING |

aEnd2 TpName Ems**Table 2-2455 aEnd2 TpName Ems**

| Name | Value |
|-----------------------|---|
| Default | no |
| Description | Corresponds to EMS name (ie GMRE LSR ID) of the aEnd tpName. Encoded as IPv4 address (xxx.xxx.xxx.xxx). |
| Displayed name | aEnd2 TpName Ems |
| Mandatory on creation | yes |

Table 2-2455 aEnd2 TpName Ems (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | aEnd2TpNameEms |
| Read-only | no |
| Tab Panel | General A End 2 |
| Type | STRING |

aEnd2 TpName Managed Element**Table 2-2456 aEnd2 TpName Managed Element**

| Name | Value |
|-----------------------|---|
| Default | yes:0 |
| Description | Corresponds to "ManagedElement" portion of the CORBA name of the aEnd tpName. In CORBA interface, for the time being, it is always "0". |
| Displayed name | aEnd2 TpName Managed Element |
| Mandatory on creation | yes |
| OSS name | aEnd2TpNameManagedElement |
| Read-only | no |
| Tab Panel | General A End 2 |
| Type | STRING |

ASON Domain ID**Table 2-2457 ASON Domain ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:1 |
| Description | ASON domain ID. |
| Displayed name | ASON Domain ID |
| OSS name | domainId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

CP Node ID

Table 2-2458 CP Node ID

| Name | Value |
|----------------|---|
| Description | EMS name ie GMRE_LSR_Id. Encoded as IPv4 address (xxx.xxx.xxx.xxx). |
| Displayed name | CP Node ID |
| OSS name | cpNodeId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Cross Connect ID

Table 2-2459 Cross Connect ID

| Name | Value |
|-----------------------|---|
| Description | Position of this XC as reported by SNC Route. If CORBA i/f reports the XCs in order, then xcIndex=0 means that this SncRouteXc is on the head-end NE. |
| Displayed name | Cross Connect ID |
| Mandatory on creation | yes |
| Minimum | 0 |
| OSS name | xcIndex |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Cross Connect Type

Table 2-2460 Cross Connect Type

| Name | Value |
|-----------------------|--------------------|
| Default | yes:st_simple |
| Displayed name | Cross Connect Type |
| Mandatory on creation | yes |
| OSS name | sncType |
| Read-only | no |
| Tab Panel | General General |
| Type | SncType |

Leg Type**Table 2-2461 Leg Type**

| Name | Value |
|--------------------------|-----------------|
| Displayed name | Leg Type |
| OSS name | legType |
| Read-only | yes |
| Tab Panel | General General |
| Type | RouteLegType |
| Enumerated types: | |
| Main | |
| Spare | |

Route Type**Table 2-2462 Route Type**

| Name | Value |
|--------------------------|---|
| Description | Numeric route ID, as reported by head-end node. Node reports it as string, SAM uses enum type for this value. |
| Displayed name | Route Type |
| OSS name | sncRouteId |
| Read-only | yes |
| Tab Panel | General General |
| Type | SncRouteType |
| Enumerated types: | |
| Active | |
| Nominal | |
| Registered Backup | |
| SNC Exclusions | |

Subnetwork Connection ID**Table 2-2463 Subnetwork Connection ID**

| Name | Value |
|-------------|--|
| Default | yes:0 |
| Description | SAM auto-generated SNC ID (copied from parent object, the SNCRoute). |

Table 2-2463 Subnetwork Connection ID (continued)

| Name | Value |
|----------------|--------------------------|
| Displayed name | Subnetwork Connection ID |
| OSS name | sncId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

zEnd1 SNPP Ems

Table 2-2464 zEnd1 SNPP Ems

| Name | Value |
|----------------|-----------------------|
| Displayed name | zEnd1 SNPP Ems |
| OSS name | zEnd1SnppEms |
| Read-only | no |
| Tab Panel | General Z End 1 SNPP |
| Type | STRING |

zEnd1 SNPP Id

Table 2-2465 zEnd1 SNPP Id

| Name | Value |
|----------------|--|
| Description | Range: ["100000".."9999999"]. For example: "100000". |
| Displayed name | zEnd1 SNPP Id |
| OSS name | zEnd1SnppId |
| Read-only | no |
| Tab Panel | General Z End 1 SNPP |
| Type | STRING |

zEnd1 SNPP Scope Id

Table 2-2466 zEnd1 SNPP Scope Id

| Name | Value |
|----------------|---------------------|
| Description | Always "0". |
| Displayed name | zEnd1 SNPP Scope Id |

Table 2-2466 zEnd1 SNPP Scope Id (continued)

| Name | Value |
|-------------|-----------------------|
| OSS name | zEnd1SnppScopeId |
| Read-only | no |
| Tab Panel | General Z End 1 SNPP |
| Type | STRING |

zEnd1 TpName Ctp Id**Table 2-2467 zEnd1 TpName Ctp Id**

| Name | Value |
|-----------------------|---|
| Default | no |
| Description | Corresponds to "CTP" portion of the CORBA name of the zEnd tpName. Eg: "odu3-3=1-g=0-ts=1". |
| Displayed name | zEnd1 TpName Ctp Id |
| Mandatory on creation | yes |
| OSS name | zEnd1TpNameCtpId |
| Read-only | no |
| Tab Panel | General Z End 1 |
| Type | STRING |

zEnd1 TpName Databearer Id**Table 2-2468 zEnd1 TpName Databearer Id**

| Name | Value |
|-----------------------|---|
| Default | no |
| Description | Corresponds to "PTP" portion of the CORBA name of the zEnd tpName. DataBearer external name. Eg: "OTU-1020304". |
| Displayed name | zEnd1 TpName Databearer Id |
| Mandatory on creation | yes |
| OSS name | zEnd1TpNameDataBearerId |
| Read-only | no |
| Tab Panel | General Z End 1 |
| Type | STRING |

zEnd1 TpName Ems

Table 2-2469 zEnd1 TpName Ems

| Name | Value |
|-----------------------|---|
| Default | no |
| Description | Corresponds to EMS name (ie GMRE LSR ID) of the zEnd tpName. Encoded as IPv4 address (xxx.xxx.xxx.xxx). |
| Displayed name | zEnd1 TpName Ems |
| Mandatory on creation | yes |
| OSS name | zEnd1TpNameEms |
| Read-only | no |
| Tab Panel | General Z End 1 |
| Type | STRING |

zEnd1 TpName Managed Element

Table 2-2470 zEnd1 TpName Managed Element

| Name | Value |
|-----------------------|---|
| Default | yes:0 |
| Description | Corresponds to "ManagedElement" portion of the CORBA name of the zEnd tpName. In CORBA interface, for the time being, it is always "0". |
| Displayed name | zEnd1 TpName Managed Element |
| Mandatory on creation | yes |
| OSS name | zEnd1TpNameManagedElement |
| Read-only | no |
| Tab Panel | General Z End 1 |
| Type | STRING |

zEnd2 TpName Ctp Id

Table 2-2471 zEnd2 TpName Ctp Id

| Name | Value |
|-----------------------|---|
| Default | no |
| Description | Corresponds to "CTP" portion of the CORBA name of the zEnd tpName. Eg: "odu3-3=1-g=0-ts=1". |
| Displayed name | zEnd2 TpName Ctp Id |
| Mandatory on creation | yes |

Table 2-2471 zEnd2 TpName Ctp Id (continued)

| Name | Value |
|-------------|------------------|
| OSS name | zEnd2TpNameCtpId |
| Read-only | no |
| Tab Panel | General Z End 2 |
| Type | STRING |

zEnd2 TpName Databearer Id**Table 2-2472 zEnd2 TpName Databearer Id**

| Name | Value |
|-----------------------|---|
| Default | no |
| Description | Corresponds to "PTP" portion of the CORBA name of the zEnd tpName. DataBearer external name. Eg: "OTU-1020304". |
| Displayed name | zEnd2 TpName Databearer Id |
| Mandatory on creation | yes |
| OSS name | zEnd2TpNameDataBearerId |
| Read-only | no |
| Tab Panel | General Z End 2 |
| Type | STRING |

zEnd2 TpName Ems**Table 2-2473 zEnd2 TpName Ems**

| Name | Value |
|-----------------------|---|
| Default | no |
| Description | Corresponds to EMS name (ie GMRE LSR ID) of the zEnd tpName. Encoded as IPv4 address (xxx.xxx.xxx.xxx). |
| Displayed name | zEnd2 TpName Ems |
| Mandatory on creation | yes |
| OSS name | zEnd2TpNameEms |
| Read-only | no |
| Tab Panel | General Z End 2 |
| Type | STRING |

zEnd2 TpName Managed Element

Table 2-2474 zEnd2 TpName Managed Element

| Name | Value |
|-----------------------|---|
| Default | yes:0 |
| Description | Corresponds to "ManagedElement" portion of the CORBA name of the zEnd tpName. In CORBA interface, for the time being, it is always "0". |
| Displayed name | zEnd2 TpName Managed Element |
| Mandatory on creation | yes |
| OSS name | zEnd2TpNameManagedElement |
| Read-only | no |
| Tab Panel | General Z End 2 |
| Type | STRING |

SNC Site parameters

Site ID

Table 2-2475 Site ID

| Name | Value |
|-----------------------|----------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Mandatory on creation | yes |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General Site Details |
| Type | INETADDR |

Site Position

Table 2-2476 Site Position

| Name | Value |
|-----------------------|--|
| Default | yes:from |
| Description | Indicates if the site is at A end or Z end of the trail. |
| Displayed name | Site Position |
| Mandatory on creation | yes |

Table 2-2476 Site Position (continued)

| Name | Value |
|--------------------------|----------------------|
| OSS name | sitePosition |
| Read-only | no |
| Tab Panel | General Site Details |
| Type | SNCSitePosition |
| Enumerated types: | |
| A End | |
| Z End | |

SNC Termination Point parameters

Position

Table 2-2477 Position

| Name | Value |
|--------------------------|-----------------------------|
| Default | yes:aEnd1 |
| Displayed name | Position |
| Mandatory on creation | yes |
| OSS name | termPointPosition |
| Read-only | no |
| Tab Panel | General Port |
| Type | SNCTerminationPointPosition |
| Enumerated types: | |
| A End 1 | |
| A End 2 | |
| Z End 1 | |
| Z End 2 | |

Termination Point

Table 2-2478 Termination Point

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Termination Point |

Table 2-2478 Termination Point (continued)

| Name | Value |
|-----------------------|-------------------|
| Mandatory on creation | yes |
| OSS name | dataBearerPointer |
| Read-only | no |
| Tab Panel | General Port |
| Type | POINTER |

SoftwareUpgradePolicy parameters

ATCA Image Root Path

Table 2-2479 ATCA Image Root Path

| Name | Value |
|----------------|--|
| Default | yes:cf3:/images |
| Description | Specifies the location on the node file system, where the software image files shall be transferred. |
| Displayed name | ATCA Image Root Path |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | cflashImageRoot |
| Read-only | no |
| Tab Panel | General MME Based Setting |
| Type | STRING |

Auto-Accept After Successful Software Activation

Table 2-2480 Auto-Accept After Successful Software Activation

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates whether the 5620 SAM shall automatically send the 'Accept Software Image' request to the eNodeB following a successful 'Activation' of that same Software Image. |
| Displayed name | Auto-Accept After Successful Software Activation |
| OSS name | isAutoAccept |
| Read-only | no |

Table 2-2480 Auto-Accept After Successful Software Activation (continued)

| Name | Value |
|-------------|------------------------------|
| Tab Panel | General eNodeB Based Setting |
| Type | BOOL |

Auto-Activate After Successful File Transfer**Table 2-2481 Auto-Activate After Successful File Transfer**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates whether the 5620SAM server shall activate the software image, after transferring it successfully to the node. Image activation involves updating the bof file on the node to point to this image, backing up the currently active boot loader and replacing it by the boot loader from the selected image and then forcing a boot env resync for nodes with redundant CPMs. Note : Deprecated for SR family in 12.0, use <code>{{mediation.SoftwareFolderDescriptor.activateImage()}}</code> instead. |
| Displayed name | Auto-Activate After Successful File Transfer |
| OSS name | isAutoActivate |
| Read-only | no |
| Tab Panel | General eNodeB Based Setting |
| Type | BOOL |

Auto-Activate After Successful File Transfer**Table 2-2482 Auto-Activate After Successful File Transfer**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates whether the 5620SAM server shall activate the software image, after transferring it successfully to the node. Image activation involves updating the bof file on the node to point to this image, backing up the currently active boot loader and replacing it by the boot loader from the selected image and then forcing a boot env resync for nodes with redundant CPMs. Note : Deprecated for SR family in 12.0, use <code>{{mediation.SoftwareFolderDescriptor.activateImage()}}</code> instead. |
| Displayed name | Auto-Activate After Successful File Transfer |
| OSS name | isAutoActivate |
| Read-only | no |
| Tab Panel | General FGW Based Setting |
| Type | BOOL |

Auto-Activate After Successful File Transfer**Table 2-2483 Auto-Activate After Successful File Transfer**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates whether the 5620SAM server shall activate the software image, after transferring it successfully to the node. Image activation involves updating the bof file on the node to point to this image, backing up the currently active boot loader and replacing it by the boot loader from the selected image and then forcing a boot env resync for nodes with redundant CPMs. Note : Deprecated for SR family in 12.0, use <code>{{mediation.SoftwareFolderDescriptor.activateImage()}}</code> instead. |
| Displayed name | Auto-Activate After Successful File Transfer |
| OSS name | isAutoActivate |
| Read-only | no |
| Tab Panel | General PSS Based Setting |
| Type | BOOL |

Auto-Commit After Successful Software Activation**Table 2-2484 Auto-Commit After Successful Software Activation**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates whether the 5620 SAM shall automatically send the 'Accept Software Image' request to the eNodeB following a successful 'Activation' of that same Software Image. |
| Displayed name | Auto-Commit After Successful Software Activation |
| OSS name | isAutoAccept |
| Read-only | no |
| Tab Panel | General PSS Based Setting |
| Type | BOOL |

CFlash Backup Root Path**Table 2-2485 CFlash Backup Root Path**

| Name | Value |
|----------------|--|
| Default | yes:cf3:/backup |
| Description | Specifies the location on the node file system, where the currently active boot loader shall be backed up, before replacing it with the new boot loader. |
| Displayed name | CFlash Backup Root Path |

Table 2-2485 CFlash Backup Root Path (continued)

| Name | Value |
|-------------|--------------------------|
| Maximum | 255 |
| Minimum | 0 |
| OSS name | cflashBackupRoot |
| Read-only | no |
| Tab Panel | General SR Based Setting |
| Type | STRING |

CFlash Image Root Path**Table 2-2486 CFlash Image Root Path**

| Name | Value |
|----------------|--|
| Default | yes:cf3:/images |
| Description | Specifies the location on the node file system, where the software image files shall be transferred. |
| Displayed name | CFlash Image Root Path |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | cflashImageRoot |
| Read-only | no |
| Tab Panel | General SR Based Setting |
| Type | STRING |

FGW Image Root Path**Table 2-2487 FGW Image Root Path**

| Name | Value |
|----------------|--|
| Default | yes:cf3:/images |
| Description | Specifies the location on the node file system, where the software image files shall be transferred. |
| Displayed name | FGW Image Root Path |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | cflashImageRoot |
| Read-only | no |

Table 2-2487 FGW Image Root Path (continued)

| Name | Value |
|-------------|---------------------------|
| Tab Panel | General FGW Based Setting |
| Type | STRING |

Force Upgrade**Table 2-2488 Force Upgrade**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This attribute on enable, MAY result in the DB being purged (only if there is no upgrade path available). |
| Displayed name | Force Upgrade |
| OSS name | forceUpgrade |
| Read-only | no |
| Tab Panel | General PSS Audit Setting |
| Type | BOOL |

Forced Download**Table 2-2489 Forced Download**

| Name | Value |
|----------------|---------------------------|
| Default | yes:false |
| Displayed name | Forced Download |
| OSS name | forcedActivation |
| Read-only | no |
| Tab Panel | General MPR Based Setting |
| Type | BOOL |

FTP Password**Table 2-2490 FTP Password**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | FTP Password |

Table 2-2490 FTP Password (continued)

| Name | Value |
|-------------|--|
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpPassword |
| Read-only | no |
| Tab Panel | General MPR Based Setting FTP Settings |
| Type | STRING |

FTP Server Port**Table 2-2491 FTP Server Port**

| Name | Value |
|----------------|--|
| Default | yes:21 |
| Displayed name | FTP Server Port |
| OSS name | ftpServerPort |
| Read-only | no |
| Tab Panel | General MPR Based Setting FTP Settings |
| Type | INT |

FTP User ID**Table 2-2492 FTP User ID**

| Name | Value |
|----------------|--|
| Displayed name | FTP User ID |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpUser |
| Read-only | no |
| Tab Panel | General MPR Based Setting FTP Settings |
| Type | STRING |

Host Key Fingerprint

Table 2-2493 Host Key Fingerprint

| Name | Value |
|----------------|---|
| Default | no |
| Displayed name | Host Key Fingerprint |
| Maximum | 32 |
| OSS name | sshHostKeyFingerPrint |
| Read-only | no |
| Tab Panel | General MPR Based Setting SFTP Settings |
| Type | STRING |

Image Root Path

Table 2-2494 Image Root Path

| Name | Value |
|----------------|--|
| Default | yes:cf3:/images |
| Description | Specifies the location on the node file system, where the software image files shall be transferred. |
| Displayed name | Image Root Path |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | cflashImageRoot |
| Read-only | no |
| Tab Panel | General AOS Based Setting |
| Type | STRING |

Name

Table 2-2495 Name

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the name of this software upgrade policy. |
| Displayed name | Name |
| Maximum | 80 |
| Minimum | 0 |

Table 2-2495 Name (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Node Backup**Table 2-2496 Node Backup**

| Name | Value |
|----------------|--|
| Default | yes:true |
| Description | This attribute, enforces node for DB backup as part of audit action. |
| Displayed name | Node Backup |
| OSS name | backup |
| Read-only | no |
| Tab Panel | General PSS Audit Setting |
| Type | BOOL |

Node Backup Directory**Table 2-2497 Node Backup Directory**

| Name | Value |
|----------------|---|
| Default | yes:/ |
| Description | This attribute has to be configured only in case 'Use Active Server' is false and 'Node Backup' is true. Used in audit action. Indicates the backup path location. If backupDir is not configured by user, audit action will use the default backup path location on the main server as the backup path on the remote server as well. |
| Displayed name | Node Backup Directory |
| OSS name | backupDir |
| Read-only | no |
| Tab Panel | General PSS Audit Setting |
| Type | STRING |

Policy ID

Table 2-2498 Policy ID

| Name | Value |
|-----------------------|--|
| Default | yes:1 |
| Description | Specifies the ID assigned to this software upgrade policy. |
| Displayed name | Policy ID |
| Mandatory on creation | yes |
| Maximum | 65535 |
| Minimum | 1 |
| OSS name | policyId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Policy Type

Table 2-2499 Policy Type

| Name | Value |
|--------------------------|-----------------|
| Default | yes:srBased |
| Displayed name | Policy Type |
| Mandatory on creation | yes |
| OSS name | policyType |
| Read-only | no |
| Tab Panel | General General |
| Type | PolicyType |
| Enumerated types: | |
| 1830 PSS Node | |
| 1830 PSS OCS Node | |
| AOS Based Node | |
| eNodeB Node | |
| FGW Node | |
| MME Node | |
| MPR Node | |
| SR Based Node | |

Root Directory**Table 2-2500 Root Directory**

| Name | Value |
|----------------|---------------------------|
| Default | yes:/ |
| Displayed name | Root Directory |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpRootDir |
| Read-only | no |
| Tab Panel | General MPR Based Setting |
| Type | STRING |

Root Directory**Table 2-2501 Root Directory**

| Name | Value |
|----------------|---------------------------|
| Default | yes:/ |
| Displayed name | Root Directory |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpRootDir |
| Read-only | no |
| Tab Panel | General PSS Based Setting |
| Type | STRING |

Running Directory**Table 2-2502 Running Directory**

| Name | Value |
|----------------|-------------------|
| Default | yes:working |
| Displayed name | Running Directory |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | runningDirectory |
| Read-only | no |

Table 2-2502 Running Directory (continued)

| Name | Value |
|-------------|---------------------------|
| Tab Panel | General AOS Based Setting |
| Type | STRING |

Server IP

Table 2-2503 Server IP

| Name | Value |
|----------------|---------------------------|
| Default | yes:127.0.0.1 |
| Displayed name | Server IP |
| OSS name | ftpServerIP |
| Read-only | no |
| Tab Panel | General PSS Based Setting |
| Type | INETADDR |

SFTP Password

Table 2-2504 SFTP Password

| Name | Value |
|----------------|---------------------------|
| Default | yes: |
| Displayed name | SFTP Password |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sftpPassword |
| Read-only | no |
| Tab Panel | General FGW Based Setting |
| Type | STRING |

SFTP Password

Table 2-2505 SFTP Password

| Name | Value |
|----------------|---------------|
| Default | yes: |
| Displayed name | SFTP Password |

Table 2-2505 SFTP Password (continued)

| Name | Value |
|-------------|---|
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sftpPassword |
| Read-only | no |
| Tab Panel | General MPR Based Setting SFTP Settings |
| Type | STRING |

SFTP Password**Table 2-2506 SFTP Password**

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | SFTP Password |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sftpPassword |
| Read-only | no |
| Tab Panel | General SFTP Setting |
| Type | STRING |

SFTP Server Port**Table 2-2507 SFTP Server Port**

| Name | Value |
|----------------|---|
| Default | yes:22 |
| Displayed name | SFTP Server Port |
| OSS name | sFtpServerPort |
| Read-only | no |
| Tab Panel | General MPR Based Setting SFTP Settings |
| Type | INT |

SFTP Server Port

Table 2-2508 SFTP Server Port

| Name | Value |
|----------------|----------------------|
| Default | yes:22 |
| Displayed name | SFTP Server Port |
| OSS name | sFtpServerPort |
| Read-only | no |
| Tab Panel | General SFTP Setting |
| Type | INT |

SFTP User ID

Table 2-2509 SFTP User ID

| Name | Value |
|----------------|---------------------------|
| Displayed name | SFTP User ID |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sftpUser |
| Read-only | no |
| Tab Panel | General FGW Based Setting |
| Type | STRING |

SFTP User ID

Table 2-2510 SFTP User ID

| Name | Value |
|----------------|---|
| Displayed name | SFTP User ID |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sftpUser |
| Read-only | no |
| Tab Panel | General MPR Based Setting SFTP Settings |
| Type | STRING |

SFTP User ID

Table 2-2511 SFTP User ID

| Name | Value |
|----------------|----------------------|
| Displayed name | SFTP User ID |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sftpUser |
| Read-only | no |
| Tab Panel | General SFTP Setting |
| Type | STRING |

SFTP/FTP Password

Table 2-2512 SFTP/FTP Password

| Name | Value |
|----------------|---------------------------|
| Default | yes: |
| Displayed name | SFTP/FTP Password |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpPassword |
| Read-only | no |
| Tab Panel | General PSS Based Setting |
| Type | STRING |

SFTP/FTP Server IP

Table 2-2513 SFTP/FTP Server IP

| Name | Value |
|----------------|---------------------------|
| Default | yes:127.0.0.1 |
| Displayed name | SFTP/FTP Server IP |
| OSS name | ftpServerIP |
| Read-only | no |
| Tab Panel | General MPR Based Setting |
| Type | INETADDR |

SFTP/FTP Server Port**Table 2-2514 SFTP/FTP Server Port**

| Name | Value |
|----------------|---------------------------|
| Default | yes:21 |
| Displayed name | SFTP/FTP Server Port |
| OSS name | ftpServerPort |
| Read-only | no |
| Tab Panel | General PSS Based Setting |
| Type | INT |

SFTP/FTP User ID**Table 2-2515 SFTP/FTP User ID**

| Name | Value |
|----------------|---------------------------|
| Displayed name | SFTP/FTP User ID |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpUser |
| Read-only | no |
| Tab Panel | General PSS Based Setting |
| Type | STRING |

Software Download**Table 2-2516 Software Download**

| Name | Value |
|----------------|--|
| Default | yes:true |
| Description | Indicates whether the 5620SAM server shall download image to the NEs, as a part of the <code> mediation.SoftwareFolderDescriptor.upgrade()</code> or <code> mediation.SoftwareFolderDescriptor.scheduleUpgrade()</code> or <code> mediation.SoftwareFolderDescriptor.activateImage()</code> actions. |
| Displayed name | Software Download |
| OSS name | fileTxOnly |
| Read-only | no |
| Tab Panel | General SR Based Setting |
| Type | BOOL |

Software Upgrade**Table 2-2517 Software Upgrade**

| Name | Value |
|----------------|-----------------------------|
| Displayed name | Software Upgrade |
| OSS name | valueManager:autoRebootType |
| Read-only | no |
| Tab Panel | General SR Based Setting |

Software Upgrade Options**Table 2-2518 Software Upgrade Options**

| Name | Value |
|---|---|
| Default | yes:none |
| Description | Indicates whether 5620 SAM server shall activate the selected software on the node, followed by a system-wide reboot or system-wide reboot with firmware upgrade, (supported only on 7210 SAS and 7705 SAR family) or perform ISSU (In Service Software Upgrade), after a successful activation. Note: This attribute must be set to "none", if {{mediation.SoftwareUpgradePolicy.isAutoReboot}} is set to false. |
| Displayed name | Software Upgrade Options |
| OSS name | autoRebootType |
| Read-only | no |
| Tab Panel | General SR Based Setting |
| Type | AutoRebootTypes |
| Enumerated types: | |
| Activate and Reboot | |
| Activate and Reboot with Firmware Upgrade | |
| ISSU (In Service Software Upgrade) | |
| None | |

Time To Wait Before Fallback To Previous Software Version**Table 2-2519 Time To Wait Before Fallback To Previous Software Version**

| Name | Value |
|---------|--------|
| Default | yes:30 |

**Table 2-2519 Time To Wait Before Fallback To Previous Software Version
(continued)**

| Name | Value |
|----------------|---|
| Description | This parameter is used to specify the timer (minutes) to wait for eNodeB performing a full fallback to the previous SW version when eNodeB failed to use new (updated) version. OMC can also use this parameter to detect network problems and re-configure eNodeB. The value 0 is used to turn off the SW fallback functionality. The supported timer range is 30 .. 120 min. The default value is 30 min. |
| Displayed name | Time To Wait Before Fallback To Previous Software Version |
| Maximum | 120 |
| Minimum | 0 |
| OSS name | timerToWaitForFallbackToPreviousSWversion |
| Read-only | no |
| Tab Panel | General eNodeB Based Setting |
| Type | INT |
| Units | min |

Transfer Protocol**Table 2-2520 Transfer Protocol**

| Name | Value |
|--------------------------|------------------------------|
| Default | yes:ftp |
| Displayed name | Transfer Protocol |
| OSS name | ftpType |
| Read-only | no |
| Tab Panel | General eNodeB Based Setting |
| Type | FtpType |
| Enumerated types: | |
| FTP | |
| SFTP | |
| TFTP | |

Transfer Protocol**Table 2-2521 Transfer Protocol**

| Name | Value |
|---------|---------|
| Default | yes:ftp |

Table 2-2521 Transfer Protocol (continued)

| Name | Value |
|--------------------------|---------------------------|
| Displayed name | Transfer Protocol |
| OSS name | ftpType |
| Read-only | no |
| Tab Panel | General MPR Based Setting |
| Type | FtpType |
| Enumerated types: | |
| FTP | |
| SFTP | |
| TFTP | |

Transfer Protocol**Table 2-2522 Transfer Protocol**

| Name | Value |
|--------------------------|---------------------------|
| Default | yes:ftp |
| Displayed name | Transfer Protocol |
| OSS name | ftpType |
| Read-only | no |
| Tab Panel | General PSS Based Setting |
| Type | FtpType |
| Enumerated types: | |
| FTP | |
| SFTP | |
| TFTP | |

Upgrade File Type**Table 2-2523 Upgrade File Type**

| Name | Value |
|----------------|--|
| Default | yes:aosAllFile |
| Description | Indicates whether this software upgrade shall download types of files to AOS switch. |
| Displayed name | Upgrade File Type |
| OSS name | upgradeBootFiles |

Table 2-2523 Upgrade File Type (continued)

| Name | Value |
|--------------------------|---------------------------|
| Read-only | no |
| Tab Panel | General AOS Based Setting |
| Type | AOSFilesType |
| Enumerated types: | |
| Boot Files Only | |
| Image and Boot Files | |
| Image Files Only | |

Use Active Server**Table 2-2524 Use Active Server**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates whether the NE Software Image is in remote server Or 5620 SAM server. |
| Displayed name | Use Active Server |
| OSS name | useActiveServer |
| Read-only | no |
| Tab Panel | General PSS Based Setting |
| Type | BOOL |

SRG (SnppSrgMapping, gmpls) parameters**SRG****Table 2-2525 SRG**

| Name | Value |
|----------------|-----------------|
| Displayed name | SRG |
| OSS name | srgPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

SRG ID

Table 2-2526 SRG ID

| Name | Value |
|-----------------------|-----------------|
| Default | no |
| Description | SRG ID. |
| Displayed name | SRG ID |
| Mandatory on creation | yes |
| Maximum | 4294967294 |
| Minimum | 1 |
| OSS name | srgId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

SRG (Srg, gmpls) parameters

Domain ID

Table 2-2527 Domain ID

| Name | Value |
|----------------|-----------------|
| Default | yes:1 |
| Description | ASON domain ID. |
| Displayed name | Domain ID |
| OSS name | domainId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

SRG ID

Table 2-2528 SRG ID

| Name | Value |
|-------------|---------|
| Default | yes:0 |
| Description | SRG ID. |

Table 2-2528 SRG ID (continued)

| Name | Value |
|-----------------------|-----------------|
| Displayed name | SRG ID |
| Mandatory on creation | yes |
| Maximum | 4294967294 |
| Minimum | 1 |
| OSS name | srgId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

User Label

Table 2-2529 User Label

| Name | Value |
|----------------|--|
| Description | Descriptive label for this SRG. Persistent at SAM level (not stored in the network). |
| Displayed name | User Label |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | userLabel |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Sub-node parameters

ASON Domain ID

Table 2-2530 ASON Domain ID

| Name | Value |
|----------------|-----------------|
| Default | yes:1 |
| Description | ASON domain ID. |
| Displayed name | ASON Domain ID |
| OSS name | domainId |
| Read-only | yes |

Table 2-2530 ASON Domain ID (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | LONG |

CP Node ID**Table 2-2531 CP Node ID**

| Name | Value |
|-----------------------|---|
| Description | EMS name ie GMRE_LSR_Id. Encoded as IPv4 address (xxx.xxx.xxx.xxx). |
| Displayed name | CP Node ID |
| Mandatory on creation | yes |
| OSS name | cpNodeId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Local DP Node ID**Table 2-2532 Local DP Node ID**

| Name | Value |
|----------------|--|
| Description | SubNode is identified in the network by a unique unsigned int32 called the Data Plane Node ID (SAM: dpNodeId; GMRE CLI interface-subnode-LocalDPNodeId). The dpNodeId, which can be different from subNodeId, is CLI user provisioned integer that is modifiable before the admin state of SubNode is brought UP for the first time. In TMF814 CORBA i/f, dpNodeId value is encoded as IPv4 address (xxx.xxx.xxx.xxx). For example, for CLI user provisioned value of dpNodeId="333", TMF814 CORBA i/f reports dpNodeId as dpNodeId_ipv4="0.0.1.77". |
| Displayed name | Local DP Node ID |
| OSS name | dpNodeId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Local DP Node ID (IPv4)**Table 2-2533 Local DP Node ID (IPv4)**

| Name | Value |
|----------------|---|
| Description | Eg. for dpNodeId="333", dpNodeId_ipv4="0.0.1.77". |
| Displayed name | Local DP Node ID (IPv4) |
| OSS name | dpNodeId_ipv4 |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Rack ID**Table 2-2534 Rack ID**

| Name | Value |
|-----------------------|------------------|
| Default | yes:1 |
| Description | SubNode rack ID. |
| Displayed name | Rack ID |
| Mandatory on creation | yes |
| Maximum | 9 |
| Minimum | 1 |
| OSS name | rackId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Shelf**Table 2-2535 Shelf**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Management Plane Shelf pointer associated with the DP node. |
| Displayed name | Shelf |
| OSS name | shelfPointer |
| Read-only | yes |
| Tab Panel | General General |

Table 2-2535 Shelf (continued)

| Name | Value |
|------|---------|
| Type | POINTER |

Site ID

Table 2-2536 Site ID

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Management Plane Site Identifier associated with DP node. |
| Displayed name | Site ID |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name

Table 2-2537 Site Name

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Management Plane Site Name associated with DP node. |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

SubNode ID

Table 2-2538 SubNode ID

| Name | Value |
|-----------------------|---|
| Description | SAM subNodeId corresponds to GMRE CLI interface-subnode-IfIndex property. On the NE, GMRE CLI interface-subnode-IfIndex property is provisioned by the user and has to follow format rss000000 where: - r: rackId (1..9) - ss: subRackId (01..99; subRackId=5 means that ss=05; subRackId=66 means that ss=66) NOTE: For DWDM/L0 CPNode, subNodeId is always 101000000. In SAM, subNodeId is in format rss: - r: rackId (1..9) - ss: subRackId (01..99) Therefore, subNodeId does not contain trailing 000000 in SAM model. |
| Displayed name | SubNode ID |
| Mandatory on creation | yes |
| OSS name | subNodeId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

SubNode Type

Table 2-2539 SubNode Type

| Name | Value |
|--------------------------|---|
| Default | yes:0 |
| Description | - OCS compound shelf (one of many possible PSS 36/64 shelves) - WDM photonic compound (all PSS 16/32 and other photonic only shelves come under this compound). |
| Displayed name | SubNode Type |
| Mandatory on creation | no |
| OSS name | subNodeType |
| Read-only | no |
| Tab Panel | General General |
| Type | SubNodeType |
| Enumerated types: | |
| OCS Compound Shelf | |
| WDM Compound | |

Subnetwork Connection Exclusion parameters

CP Node ID

Table 2-2540 CP Node ID

| Name | Value |
|----------------|-----------------|
| Description | SNC CP Node ID. |
| Displayed name | CP Node ID |
| Maximum | 15 |
| OSS name | cpNodeId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Domain ID

Table 2-2541 Domain ID

| Name | Value |
|----------------|-----------------|
| Default | yes:1 |
| Description | ASON domain ID. |
| Displayed name | Domain ID |
| OSS name | domainId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Excluded LSP ID

Table 2-2542 Excluded LSP ID

| Name | Value |
|----------------|---|
| Description | GMRE LSP ID of the subnetwork connection on head-end node. Second part of nativeEMSName ("81" in "1.2.3.101/81"). |
| Displayed name | Excluded LSP ID |
| OSS name | excludedLspId |
| Read-only | yes |
| Tab Panel | General General |

Table 2-2542 Excluded LSP ID (continued)

| Name | Value |
|------|--------|
| Type | STRING |

Excluded SNC ID

Table 2-2543 Excluded SNC ID

| Name | Value |
|----------------|----------------------------|
| Default | yes:0 |
| Description | SAM auto-generated SNC ID. |
| Displayed name | Excluded SNC ID |
| OSS name | excludedSncId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

no

Table 2-2544 no

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | no |
| Mandatory on creation | yes |
| OSS name | sncPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

SubnetworkConnection parameters

ASON Domain

Table 2-2545 ASON Domain

| Name | Value |
|-----------------------|-------------------------|
| Default | yes: |
| Description | ASON domain ID pointer. |
| Displayed name | ASON Domain |
| Mandatory on creation | yes |
| OSS name | asonDomainPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Calculated Latency

Table 2-2546 Calculated Latency

| Name | Value |
|----------------|------------------------------------|
| Displayed name | Calculated Latency |
| OSS name | calculatedLatency |
| Read-only | yes |
| Tab Panel | General Constraints and Violations |
| Type | LONG |

Color Exclude

Table 2-2547 Color Exclude

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Color is used for administrative partitioning of an ASON domain; is a 32 bit presented in hex format (0x00000000 .. 0xFFFFFFFF). Colors that can be edited are 1-28; additionally to these 28 colors, NE reports 4 extra colors (29-32) with the most significant HEX digit; these 4 extra colors are for internal GMRE use and are not editable by the user, but are displayed in CLI. Default value: 0x0 (no constraints). This means that all Te Links which do not contain any of the specified colors can be used. A color cannot be set at any time in both attributes (see includeAnyColor). |
| Displayed name | Color Exclude |

Table 2-2547 Color Exclude (continued)

| Name | Value |
|-------------|------------------------------------|
| OSS name | excludeAnyColor |
| Read-only | no |
| Tab Panel | General Constraints and Violations |
| Type | LONG |
| Units | bitmap |

Color Include**Table 2-2548 Color Include**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Color is used for administrative partitioning of an ASON domain; is a 32 bit presented in hex format (0x00000000 .. 0xFFFFFFFF). Colors that can be edited are 1-28; additionally to these 28 colors, NE reports 4 extra colors (29-32) with the most significant HEX digit; these 4 extra colors are for internal GMRE use and are not editable by the user, but are displayed in CLI. Default value: 0x0 (no constraints). This means that all Te Link which contain at least one of the specified colors included can be used. A color cannot be set at any time in both attributes (see excludeAnyColor). |
| Displayed name | Color Include |
| OSS name | includeAnyColor |
| Read-only | no |
| Tab Panel | General Constraints and Violations |
| Type | LONG |
| Units | bitmap |

Color Violation**Table 2-2549 Color Violation**

| Name | Value |
|----------------|------------------------------------|
| Displayed name | Color Violation |
| OSS name | colorViolation |
| Read-only | yes |
| Tab Panel | General Constraints and Violations |
| Type | BOOL |

Configuration Type**Table 2-2550 Configuration Type**

| Name | Value |
|--------------------------|----------------------|
| Default | yes:sc_p2p |
| Displayed name | Configuration Type |
| Mandatory on creation | yes |
| OSS name | sncConfiguration |
| Read-only | no |
| Tab Panel | General General |
| Type | SncConfigurationType |
| Enumerated types: | |
| P2MP | |
| P2P | |

Connection Type**Table 2-2551 Connection Type**

| Name | Value |
|--------------------------|--|
| Default | yes:permanent |
| Description | - Soft permanent connections (SPC) are created by the user/NMS and support control plane restoration. - Switched connections (SC) are created by another network element through UNI signalling. - Permanent connections are created by the user/NMS and do not support control plane restoration. |
| Displayed name | Connection Type |
| OSS name | connectionType |
| Read-only | yes |
| Tab Panel | General General |
| Type | ConnectionSetupType |
| Enumerated types: | |
| E-NNI | |
| Permanent | |
| Soft-Permanent | |
| Switched | |
| Undefined | |
| Unknown | |

Direction Type**Table 2-2552 Direction Type**

| Name | Value |
|-----------------------|---|
| Default | yes:cd_bi |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Direction Type |
| Mandatory on creation | yes |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General General |
| Type | ConnectionDirectionType |

Excluded Colors**Table 2-2553 Excluded Colors**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | User-friendly presentation of colors as comma separated list of numbers. For display use only. |
| Displayed name | Excluded Colors |
| OSS name | excludedColorList |
| Read-only | yes |
| Tab Panel | General Constraints and Violations |
| Type | STRING |

Holding Priority**Table 2-2554 Holding Priority**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:5 |
| Displayed name | Holding Priority |
| OSS name | priority |
| Read-only | no |
| Tab Panel | General Protection and Restoration |
| Type | PriorityType |

Table 2-2554 Holding Priority (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| 0 | |
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |

Included Colors**Table 2-2555 Included Colors**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | User-friendly presentation of colors as comma separated list of numbers. For display use only. |
| Displayed name | Included Colors |
| OSS name | includedColorList |
| Read-only | yes |
| Tab Panel | General Constraints and Violations |
| Type | STRING |

Latency Offset**Table 2-2556 Latency Offset**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Unsigned integer in microseconds, default 0. AccessLinkLatency is the offset of the drop interfaces. This value reduces the latency threshold available for the LSP routing in the GMRE domain. |
| Displayed name | Latency Offset |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | accessLinkLatency |
| Read-only | no |

Table 2-2556 Latency Offset (continued)

| Name | Value |
|-------------|------------------------------------|
| Tab Panel | General Constraints and Violations |
| Type | LONG |
| Units | microsecs |

Latency Violation

Table 2-2557 Latency Violation

| Name | Value |
|----------------|------------------------------------|
| Displayed name | Latency Violation |
| OSS name | latencyViolation |
| Read-only | yes |
| Tab Panel | General Constraints and Violations |
| Type | BOOL |

Link Diversity Violation

Table 2-2558 Link Diversity Violation

| Name | Value |
|----------------|------------------------------------|
| Displayed name | Link Diversity Violation |
| OSS name | linkDiversityViolation |
| Read-only | yes |
| Tab Panel | General Constraints and Violations |
| Type | BOOL |

LSP ID

Table 2-2559 LSP ID

| Name | Value |
|----------------|---|
| Description | GMRE LSP ID of the subnetwork connection on head-end node. Second part of nativeEMSName ("81" in "1.2.3.101/81"). |
| Displayed name | LSP ID |
| Maximum | 20 |
| OSS name | lspId |

Table 2-2559 LSP ID (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Manual Mode**Table 2-2560 Manual Mode**

| Name | Value |
|--------------------------|---|
| Description | Maintenance mode on GMRE. The Manual mode is using the EMSMaintenanceMgr_I on the GMRE node and propagated to all SNCs starting at this node. |
| Displayed name | Manual Mode |
| OSS name | manualMode |
| Read-only | yes |
| Tab Panel | General General |
| Type | ManualModeType |
| Enumerated types: | |
| | Off |
| | On |

Max Hop Count**Table 2-2561 Max Hop Count**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:0 |
| Description | Default 0 (means: no constraint). |
| Displayed name | Max Hop Count |
| OSS name | maxHopCount |
| Read-only | no |
| Tab Panel | General Constraints and Violations |
| Type | INT |

Max Hop Violation

Table 2-2562 Max Hop Violation

| Name | Value |
|----------------|------------------------------------|
| Displayed name | Max Hop Violation |
| OSS name | maxHopViolation |
| Read-only | yes |
| Tab Panel | General Constraints and Violations |
| Type | BOOL |

Max Latency

Table 2-2563 Max Latency

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Unsigned integer in microseconds, default 0 (0 means no latency). |
| Displayed name | Max Latency |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | maxLatency |
| Read-only | no |
| Tab Panel | General Constraints and Violations |
| Type | LONG |
| Units | microsecs |

ODU Trail

Table 2-2564 ODU Trail

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | ODU Trail |
| OSS name | cpTrailPointer |
| Read-only | yes |
| Tab Panel | General General |
| Type | POINTER |

Protection and Restoration**Table 2-2565 Protection and Restoration**

| Name | Value |
|---|------------------------------------|
| Default | yes:unprotected |
| Displayed name | Protection and Restoration |
| OSS name | restorationMethod |
| Read-only | no |
| Tab Panel | General Protection and Restoration |
| Type | RestorationMethodType |
| Enumerated types: | |
| Guaranteed Restoration | |
| Not Applicable | |
| Protection Restoration Combined - DIGITAL | |
| SNC Protected - DIGITAL | |
| Source-based Restoration | |
| Unprotected | |

Rate**Table 2-2566 Rate**

| Name | Value |
|-----------------------|---|
| Default | yes:LR_OCH_Data_Unit_0 |
| Description | see SD1-17_LayerRates in supporting documentation for supported values. |
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | LayerRatesType |

Rerouted**Table 2-2567 Rerouted**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 2-2567 Rerouted (continued)

| Name | Value |
|----------------|----------------|
| Displayed name | Rerouted |
| OSS name | rerouted |
| Read-only | yes |
| Tab Panel | General States |
| Type | BOOL |

Reversion Mode

Table 2-2568 Reversion Mode

| Name | Value |
|--------------------------|------------------------------------|
| Default | yes:not_applicable |
| Displayed name | Reversion Mode |
| OSS name | reversionType |
| Read-only | no |
| Tab Panel | General Protection and Restoration |
| Type | ReversionType |
| Enumerated types: | |
| Automatic | |
| Manual | |
| N/A | |
| Soft-Automatic | |

Setup Priority

Table 2-2569 Setup Priority

| Name | Value |
|--------------------------|------------------------------------|
| Displayed name | Setup Priority |
| OSS name | setupPriority |
| Read-only | no |
| Tab Panel | General Protection and Restoration |
| Type | PriorityType |
| Enumerated types: | |
| 0 | |

Table 2-2569 Setup Priority (continued)

| Name | Value |
|------|-------|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |

SNC Name

Table 2-2570 SNC Name

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Displayed name of the subnetwork connection. |
| Displayed name | SNC Name |
| OSS name | userLabel |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

SNC State

Table 2-2571 SNC State

| Name | Value |
|----------------|------------------|
| Default | yes:sncs_unknown |
| Displayed name | SNC State |
| OSS name | sncState |
| Read-only | yes |
| Tab Panel | General States |
| Type | SncState |

SRG Violation

Table 2-2572 SRG Violation

| Name | Value |
|----------------|------------------------------------|
| Displayed name | SRG Violation |
| OSS name | srgViolation |
| Read-only | yes |
| Tab Panel | General Constraints and Violations |
| Type | BOOL |

Subnetwork Connection ID

Table 2-2573 Subnetwork Connection ID

| Name | Value |
|-----------------------|--------------------------|
| Default | yes:0 |
| Displayed name | Subnetwork Connection ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | snclId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Test Mode

Table 2-2574 Test Mode

| Name | Value |
|--------------------------|-----------------|
| Displayed name | Test Mode |
| OSS name | testMode |
| Read-only | yes |
| Tab Panel | General General |
| Type | TestModeType |
| Enumerated types: | |
| | Off |
| | On |

Wait for server restoration**Table 2-2575 Wait for server restoration**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | This is an optional parameter, present only for LSPs that are not of type FA-UNTERM. Attribute of client LSPs to control client and server restoration. Only applicable if Active Network Version >=R6.0. |
| Displayed name | Wait for server restoration |
| OSS name | waitForServerRestoration |
| Read-only | no |
| Tab Panel | General Protection and Restoration |
| Type | BOOL |

Subscriber Site parameters

Customer ID**Table 2-2576 Customer ID**

| Name | Value |
|----------------|------------------|
| Default | yes:1 |
| Displayed name | Customer ID |
| Maximum | 2147483647 |
| OSS name | subscriberId |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | LONG |

Customer Name**Table 2-2577 Customer Name**

| Name | Value |
|----------------|----------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 32 |
| OSS name | subscriberName |

Table 2-2577 Customer Name (continued)

| Name | Value |
|-------------|------------------|
| Read-only | yes |
| Tab Panel | General Customer |
| Type | STRING |

Site ID

Table 2-2578 Site ID

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site ID

Table 2-2579 Site ID

| Name | Value |
|-----------------------|------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Mandatory on creation | yes |
| OSS name | subscriberSiteId |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Site Name

Table 2-2580 Site Name

| Name | Value |
|---------|-------|
| Default | yes: |

Table 2-2580 Site Name (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 2-2581 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Switch Name**Table 2-2582 Switch Name**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | On 1830 PSS nodes, new cards like 11QPE24 supports E-LAN (VPLS) and later E-Line (VLL); other cards will follow. All of these cards support the SR-OS object model and behave similar to 7210 nodes. This object represents a customer object on a given a site and a given card. This attribute is a pointer to the card model object. |
| Displayed name | Switch Name |
| Mandatory on creation | yes |
| OSS name | ethernetSwitchCardPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

TE Link Endpoint parameters

Administrative State

Table 2-2583 Administrative State

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:unlocked |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | yes |
| Tab Panel | States General |
| Type | TPAdministrativeState |
| Enumerated types: | |
| | Locked |
| | Shutting Down |
| | Soft Shutting Down |
| | Unlocked |

Colors

Table 2-2584 Colors

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | User-friendly presentation of colors as comma separated list of numbers. For display use only. |
| Displayed name | Colors |
| OSS name | colorList |
| Read-only | yes |
| Tab Panel | General Traffic Engineering Parameters |
| Type | STRING |

Cost

Table 2-2585 Cost

| Name | Value |
|---------|--------|
| Default | yes:25 |

Table 2-2585 Cost (continued)

| Name | Value |
|----------------|---|
| Description | Cost metric. Corresponds to SNPPLink.linkMetric in CORBA. Can be changed if administrativeState=unlocked. |
| Displayed name | Cost |
| Maximum | 254 |
| Minimum | 1 |
| OSS name | cost |
| Read-only | yes |
| Tab Panel | General Traffic Engineering Parameters |
| Type | INT |

DP Node IP Address**Table 2-2586 DP Node IP Address**

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | dpNodeId_ipv4 of a DpNode associate to this Snpp. Maps to name.EMS attribute in NE CORBA. Note, however, that this property does not qualify to be part of Snpp name because its value can change during the lifetime of Snpp object. Instead, ems is just a n-1 relationship between Snpp and local DpNode. If Snpp (SNPPLink on the NE) is associated to a DataBearer, value of ems property is a local dpNodeId_ipv4 that the DataBearer belongs to; any subsequent DataBearers assigned to this Snpp must belong to the same local dpNodeId_ipv4. If Snpp is not associated to any DataBearers, ems value is "0.0.0.0"; the next DataBearer assigned to this Snpp can be from any DpNode on this CpNode. |
| Displayed name | DP Node IP Address |
| OSS name | localDpNodeId_ipv4 |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Latency**Table 2-2587 Latency**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Unsigned integer in microseconds. Range is [0..1000000], 0 means no latency. Default is 0. |
| Displayed name | Latency |

Table 2-2587 Latency (continued)

| Name | Value |
|-------------|--|
| Maximum | 1000000 |
| Minimum | 0 |
| OSS name | latency |
| Read-only | yes |
| Tab Panel | General Traffic Engineering Parameters |
| Type | INT |
| Units | microsecs |

Link Type

Table 2-2588 Link Type

| Name | Value |
|--------------------------|-----------------|
| Displayed name | Link Type |
| OSS name | linkType |
| Read-only | yes |
| Tab Panel | General General |
| Type | AsonLinkType |
| Enumerated types: | |
| | DROP |
| | FA-UNTERM |
| | GMRE-E-NNI |
| | I-NNI |
| | Inter-E-NNI |
| | SPLIT |
| | Undefined |
| | UNI |

Operational State

Table 2-2589 Operational State

| Name | Value |
|----------------|-------------------|
| Displayed name | Operational State |
| OSS name | operationalState |

Table 2-2589 Operational State (continued)

| Name | Value |
|--------------------------|--------------------|
| Read-only | yes |
| Tab Panel | States General |
| Type | TPOperationalState |
| Enumerated types: | |
| Degraded | |
| Disabled | |
| Enabled | |

Remote CP Node

Table 2-2590 Remote CP Node

| Name | Value |
|----------------|---|
| Description | GMRE LSR Id (cpNodeId_IPv4) of remote node, encoded as IPv4 address (xxx.xxx.xxx.xxx). Corresponds to SnppLink_T.additionalInfo.RemoteGMRELSrId attribute in CORBA. Provisioned at Snpp create scenario, not modifiable after that. Combining SnppLink_T.additionalInfo.RemoteGMRELSrId, SnppLink_T.remoteSNPPLinkName.SNPPLinkScope, and SnppLink_T.remoteSNPPLinkName.SNPPLink from CORBA i/f, SAM mediation creates remoteSnppPointer. |
| Displayed name | Remote CP Node |
| OSS name | remoteCpNodeId_ipv4 |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Remote TE Link Endpoint

Table 2-2591 Remote TE Link Endpoint

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Pointer to the remote Snpp. Provisioned at Snpp create scenario, not modifiable after that. SAM mediation creates remoteSnppPointer by combining CORBA i/f input: - SnppLink_T.additionalInfo.RemoteGMRELSrId (remoteCpNodeId_ipv4 in SAM), - SnppLink_T.remoteSNPPLinkName.SNPPLinkScope, and - SnppLink_T.remoteSNPPLinkName.SNPPLink. |
| Displayed name | Remote TE Link Endpoint |
| OSS name | remoteSnppPointer |

Table 2-2591 Remote TE Link Endpoint (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | yes |
| Tab Panel | General General |
| Type | POINTER |

Remote TE Link Endpoint ID**Table 2-2592 Remote TE Link Endpoint ID**

| Name | Value |
|----------------|---|
| Description | Maps to name.SNPPLink attribute for the remote SNPP in NE CORBA. Unique value within CpNode. Range: ["100000".."9999999"]. For example: "100000". |
| Displayed name | Remote TE Link Endpoint ID |
| OSS name | remoteSnppId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site ID**Table 2-2593 Site ID**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Management Plane Site Identifier associated with SNPP. |
| Displayed name | Site ID |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 2-2594 Site Name**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 2-2594 Site Name (continued)

| Name | Value |
|----------------|--|
| Description | Management Plane Site Name associated with SNPP. |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

SRGs**Table 2-2595 SRGs**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Comma separated list of SRGs for display purposes only. |
| Displayed name | SRGs |
| OSS name | srgList |
| Read-only | yes |
| Tab Panel | General Traffic Engineering Parameters |
| Type | STRING |

TE Link Endpoint ID**Table 2-2596 TE Link Endpoint ID**

| Name | Value |
|-----------------------|---|
| Description | Maps to name.SNPPLink attribute in NE CORBA. Unique value within CpNode. Does not need to be the same as the value on far end Snpp, but this is de-facto rule. Range: ["100000".."9999999"]. For example: "100000". |
| Displayed name | TE Link Endpoint ID |
| Mandatory on creation | yes |
| OSS name | snppId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

User label

Table 2-2597 User label

| Name | Value |
|----------------|---|
| Description | Can be changed if administrativeState=unlocked. |
| Displayed name | User label |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | userLabel |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

TE Link Exclusion parameters

CP Node ID

Table 2-2598 CP Node ID

| Name | Value |
|----------------|-----------------|
| Description | SNC CP Node ID. |
| Displayed name | CP Node ID |
| Maximum | 15 |
| OSS name | cpNodeId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Domain ID

Table 2-2599 Domain ID

| Name | Value |
|----------------|-----------------|
| Default | yes:1 |
| Description | ASON domain ID. |
| Displayed name | Domain ID |
| OSS name | domainId |

Table 2-2599 Domain ID (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

DP Node ID**Table 2-2600 DP Node ID**

| Name | Value |
|----------------|-----------------------------------|
| Description | DP Node ID of the A End Sub Node. |
| Displayed name | DP Node ID |
| OSS name | aEndDPNodeIpAddress |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

DP Node ID**Table 2-2601 DP Node ID**

| Name | Value |
|----------------|-----------------------------------|
| Description | DP Node ID of the A End Sub Node. |
| Displayed name | DP Node ID |
| OSS name | zEndDPNodeIpAddress |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Endpoint A ID**Table 2-2602 Endpoint A ID**

| Name | Value |
|----------------|---|
| Description | A End SNPP Link ID. Unique value within SubNode. Does not need to be the same as on far end SNPP, but this is de-facto rule. Range: ["100000".."9999999"]. For example: "100000". |
| Displayed name | Endpoint A ID |

Table 2-2602 Endpoint A ID (continued)

| Name | Value |
|-------------|----------------------|
| OSS name | aEndTeLinkEndpointId |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Endpoint Z ID

Table 2-2603 Endpoint Z ID

| Name | Value |
|----------------|--|
| Description | A End SNPP Link ID. Unique value within SubNode. Does not need to be the same as on far end SNPP, but this is de-facto rule. Range: ["100000".."99999999"]. For example: "100000". |
| Displayed name | Endpoint Z ID |
| OSS name | zEndTeLinkEndpointId |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

no

Table 2-2604 no

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | no |
| Mandatory on creation | yes |
| OSS name | teLinkPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

TE Link parameters

A End Shelf ID

Table 2-2605 A End Shelf ID

| Name | Value |
|----------------|--|
| Description | ID of the management plane Shelf at the A end. |
| Displayed name | A End Shelf ID |
| OSS name | aEndShelfId |
| Read-only | yes |
| Tab Panel | General Endpoint A - TE Link Endpoint |
| Type | INT |

A End Site Name

Table 2-2606 A End Site Name

| Name | Value |
|----------------|---|
| Description | Name of the management plane NE at the A end. |
| Displayed name | A End Site Name |
| OSS name | aEndSiteName |
| Read-only | yes |
| Tab Panel | General Endpoint A - TE Link Endpoint |
| Type | STRING |

Administrative State

Table 2-2607 Administrative State

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:unlocked |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | TPAdministrativeState |
| Enumerated types: | |
| Locked | |

Table 2-2607 Administrative State (continued)

| Name | Value |
|--------------------|-------|
| Shutting Down | |
| Soft Shutting Down | |
| Unlocked | |

Color

Table 2-2608 Color

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | A TE Link can have zero or more colors. Color is used for administrative partitioning of an ASON domain; is a 28 bit integer in hex format. Default is 0x0. Modelled in gmpls.Color |
| Displayed name | Color |
| OSS name | color |
| Read-only | no |
| Tab Panel | General Traffic Engineering Parameters |
| Type | LONG |
| Units | bitmap |

Colors

Table 2-2609 Colors

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | User-friendly presentation of colors as comma separated list of numbers. For display use only. |
| Displayed name | Colors |
| OSS name | colorList |
| Read-only | yes |
| Tab Panel | General Traffic Engineering Parameters |
| Type | STRING |

Cost**Table 2-2610 Cost**

| Name | Value |
|----------------|--|
| Default | yes:25 |
| Description | Cost metric. |
| Displayed name | Cost |
| Maximum | 254 |
| Minimum | 1 |
| OSS name | cost |
| Read-only | no |
| Tab Panel | General Traffic Engineering Parameters |
| Type | INT |

Endpoint ID**Table 2-2611 Endpoint ID**

| Name | Value |
|----------------|---|
| Description | A End SNPP Link ID. Unique value within SubNode. Does not need to be the same as on far end SNPP, but this is de-facto rule. Range: ["100000".."9999999"]. For example: "100000". |
| Displayed name | Endpoint ID |
| Maximum | 9999999 |
| Minimum | 100000 |
| OSS name | aEndTeLinkEndpointId |
| Read-only | yes |
| Tab Panel | General Endpoint A - TE Link Endpoint |
| Type | INT |

Endpoint ID**Table 2-2612 Endpoint ID**

| Name | Value |
|----------------|---|
| Description | Z End SNPP Link ID. Unique value within SubNode. Does not need to be the same as on far end SNPP, but this is de-facto rule. Range: ["100000".."9999999"]. For example: "100000". |
| Displayed name | Endpoint ID |
| Maximum | 9999999 |

Table 2-2612 Endpoint ID (continued)

| Name | Value |
|-------------|---------------------------------------|
| Minimum | 100000 |
| OSS name | zEndTeLinkEndpointId |
| Read-only | yes |
| Tab Panel | General Endpoint Z - TE Link Endpoint |
| Type | INT |

Latency

Table 2-2613 Latency

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Latency metric; 0 means no latency. |
| Displayed name | Latency |
| Maximum | 1000000 |
| Minimum | 0 |
| OSS name | latency |
| Read-only | no |
| Tab Panel | General Traffic Engineering Parameters |
| Type | INT |
| Units | microseconds |

Operational State

Table 2-2614 Operational State

| Name | Value |
|--------------------------|--------------------|
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | States General |
| Type | TPOperationalState |
| Enumerated types: | |
| Degraded | |
| Disabled | |

Table 2-2614 Operational State (continued)

| Name | Value |
|---------|-------|
| Enabled | |

Site**Table 2-2615 Site**

| Name | Value |
|-----------------------|--|
| Description | Pointer to the management plane NE at the A end. |
| Displayed name | Site |
| Mandatory on creation | yes |
| OSS name | aEndSitePointer |
| Read-only | no |
| Tab Panel | General Endpoint A - TE Link Endpoint |
| Type | POINTER |

Site**Table 2-2616 Site**

| Name | Value |
|-----------------------|--|
| Description | Pointer to the management plane NE at the Z end. |
| Displayed name | Site |
| Mandatory on creation | yes |
| OSS name | zEndSitePointer |
| Read-only | no |
| Tab Panel | General Endpoint Z - TE Link Endpoint |
| Type | POINTER |

Site ID**Table 2-2617 Site ID**

| Name | Value |
|----------------|---|
| Description | ID of the management plane NE at the A end. |
| Displayed name | Site ID |
| OSS name | aEndSiteId |

Table 2-2617 Site ID (continued)

| Name | Value |
|-------------|---------------------------------------|
| Read-only | yes |
| Tab Panel | General Endpoint A - TE Link Endpoint |
| Type | STRING |

Site ID

Table 2-2618 Site ID

| Name | Value |
|----------------|---|
| Description | ID of the management plane NE at the Z end. |
| Displayed name | Site ID |
| OSS name | zEndSiteId |
| Read-only | yes |
| Tab Panel | General Endpoint Z - TE Link Endpoint |
| Type | STRING |

SRGs

Table 2-2619 SRGs

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Comma separated list of SRGs for display purposes only. |
| Displayed name | SRGs |
| OSS name | srgList |
| Read-only | yes |
| Tab Panel | General Traffic Engineering Parameters |
| Type | STRING |

TE Link Endpoint

Table 2-2620 TE Link Endpoint

| Name | Value |
|----------------|-----------------------------------|
| Description | Pointer to the SNPP at the A End. |
| Displayed name | TE Link Endpoint |

Table 2-2620 TE Link Endpoint (continued)

| Name | Value |
|-------------|---------------------------------------|
| OSS name | aEndTeLinkEndpointPointer |
| Read-only | yes |
| Tab Panel | General Endpoint A - TE Link Endpoint |
| Type | POINTER |

TE Link Endpoint

Table 2-2621 TE Link Endpoint

| Name | Value |
|----------------|---------------------------------------|
| Description | Pointer to the SNPP at the Z End. |
| Displayed name | TE Link Endpoint |
| OSS name | zEndTeLinkEndpointPointer |
| Read-only | yes |
| Tab Panel | General Endpoint Z - TE Link Endpoint |
| Type | POINTER |

TE Link ID

Table 2-2622 TE Link ID

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | TE Link ID |
| Mandatory on creation | yes |
| Maximum | 9999999 |
| Minimum | 100000 |
| OSS name | teLinkId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

TE Link Name

Table 2-2623 TE Link Name

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Name provided by user. It is not mandatory on create. If nothing is given by the user, then SAM provides the name. This is not deployed on the NE. |
| Displayed name | TE Link Name |
| Maximum | 200 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

User Label

Table 2-2624 User Label

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Name provided by user. It is not mandatory on create. If nothing is given by the user, then SAM provides the name. This is not deployed on the NE. |
| Displayed name | User Label |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | aEndUserLabel |
| Read-only | no |
| Tab Panel | General Endpoint A - TE Link Endpoint |
| Type | STRING |

User Label

Table 2-2625 User Label

| Name | Value |
|-------------|--|
| Default | yes: |
| Description | Name provided by user. It is not mandatory on create. If nothing is given by the user, then SAM provides the name. This is not deployed on the NE. |

Table 2-2625 User Label (continued)

| Name | Value |
|----------------|---------------------------------------|
| Displayed name | User Label |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | zEndUserLabel |
| Read-only | no |
| Tab Panel | General Endpoint Z - TE Link Endpoint |
| Type | STRING |

Z End Shelf ID**Table 2-2626 Z End Shelf ID**

| Name | Value |
|----------------|--|
| Description | ID of the management plane Shelf at the Z end. |
| Displayed name | Z End Shelf ID |
| OSS name | zEndShelfId |
| Read-only | yes |
| Tab Panel | General Endpoint Z - TE Link Endpoint |
| Type | INT |

Z End Site Name**Table 2-2627 Z End Site Name**

| Name | Value |
|----------------|---|
| Description | Name of the management plane NE at the Z end. |
| Displayed name | Z End Site Name |
| OSS name | zEndSiteName |
| Read-only | yes |
| Tab Panel | General Endpoint Z - TE Link Endpoint |
| Type | STRING |

Termination Point parameters

Access Port

Table 2-2628 Access Port

| Name | Value |
|----------------|--|
| Description | Pointer to the client port in case of a protected service. |
| Displayed name | Access Port |
| OSS name | clientPortPointer |
| Read-only | no |
| Tab Panel | General Optical Access Port Virtual Time Slot |
| Type | STRING |

Administrative State

Table 2-2629 Administrative State

| Name | Value |
|--------------------------|--|
| Default | yes:down |
| Description | The administrative state of the Termination Point. |
| Displayed name | Administrative State |
| Mandatory on creation | yes |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionAdminState |
| Enumerated types: | |
| Automatic In-Service | |
| Blocking | |
| Down | |
| Maintenance | |
| Partially Down | |
| Standby/Backup | |
| Unknown | |
| Up | |

Client VTS Number**Table 2-2630 Client VTS Number**

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | 11dpe12 card configured in fullrate mode, used to set cpTs2 on client port |
| Displayed name | Client VTS Number |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | clientVtsNumber |
| Read-only | no |
| Tab Panel | General Optical Access Port Virtual Time Slot |
| Type | INT |

Egress VTS Number**Table 2-2631 Egress VTS Number**

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | Represents VTS channel in egress direction for working Line port and filled for 11dpe12/11dpe12e card configured in subrate/QinQ mode |
| Displayed name | Egress VTS Number |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | vtsLineEgress |
| Read-only | no |
| Tab Panel | General Optical Working Network Port Virtual Time Slot |
| Type | INT |

Egress VTS Number**Table 2-2632 Egress VTS Number**

| Name | Value |
|-------------|---|
| Default | yes:1 |
| Description | This Vts number is required only for 11dpe12 it is configured in subrate/QinQ mode and 11dpe12e cards |

Table 2-2632 Egress VTS Number (continued)

| Name | Value |
|----------------|---|
| Displayed name | Egress VTS Number |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | vtsNumberEgress |
| Read-only | no |
| Tab Panel | General Optical Access Port Virtual Time Slot |
| Type | INT |

Ingress VTS Number**Table 2-2633 Ingress VTS Number**

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | Represents VTS channel in ingress direction for working Line port and filled for 11dpe12/11dpe12e card configured in subrate/QinQ mode |
| Displayed name | Ingress VTS Number |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | vtsLineIngress |
| Read-only | no |
| Tab Panel | General Optical Working Network Port Virtual Time Slot |
| Type | INT |

Ingress VTS Number**Table 2-2634 Ingress VTS Number**

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | This Vts number is required only for 11dpe12 when it is configured in subrate/QinQ mode and 11dpe12e cards |
| Displayed name | Ingress VTS Number |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | vtsNumberIngress |

Table 2-2634 Ingress VTS Number (continued)

| Name | Value |
|-------------|---|
| Read-only | no |
| Tab Panel | General Optical Access Port Virtual Time Slot |
| Type | INT |

Line Port

Table 2-2635 Line Port

| Name | Value |
|----------------|--|
| Description | Pointer to the working line port in case of a protected service. |
| Displayed name | Line Port |
| OSS name | linePortPointer |
| Read-only | no |
| Tab Panel | General Optical Working Network Port Virtual Time Slot |
| Type | POINTER |

Line Port

Table 2-2636 Line Port

| Name | Value |
|----------------|---|
| Description | Pointer to the protection line port in case of a protected service. |
| Displayed name | Line Port |
| OSS name | protectionLinePortPointer |
| Read-only | no |
| Tab Panel | General Optical Protection Network Port Virtual Time Slot |
| Type | POINTER |

Line VTS Number

Table 2-2637 Line VTS Number

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | 11dpe12 card configured in fullrate mode, used to choose vtsSource on line port |
| Displayed name | Line VTS Number |

Table 2-2637 Line VTS Number (continued)

| Name | Value |
|-------------|--|
| Maximum | 10 |
| Minimum | 1 |
| OSS name | lineVtsNumber |
| Read-only | no |
| Tab Panel | General Optical Working Network Port Virtual Time Slot |
| Type | INT |

Line VTS Number**Table 2-2638 Line VTS Number**

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | Represents the working line port and is filled only for 11dpe12/11dpe12e cards configured in subrate/QinQ mode |
| Displayed name | Line VTS Number |
| Maximum | 32 |
| Minimum | 1 |
| OSS name | vtLine |
| Read-only | no |
| Tab Panel | General Optical Working Network Port Virtual Time Slot |
| Type | INT |

Operational State**Table 2-2639 Operational State**

| Name | Value |
|----------------|---|
| Default | yes:down |
| Description | The operational state of the Termination Point. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionOperState |

Table 2-2639 Operational State (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

Optical Line Port ODUk Facility Object**Table 2-2640 Optical Line Port ODUk Facility Object**

| Name | Value |
|----------------|---|
| Description | Pointer to the working LoODUk CTP. |
| Displayed name | Optical Line Port ODUk Facility Object |
| OSS name | loOdukCtp |
| Read-only | no |
| Tab Panel | General Optical Line Port ODUk Facility |
| Type | POINTER |

Optical Protection Line Port ODUk Facility Object**Table 2-2641 Optical Protection Line Port ODUk Facility Object**

| Name | Value |
|----------------|---|
| Description | Pointer to the Protection LoODUk CTP. |
| Displayed name | Optical Protection Line Port ODUk Facility Object |
| OSS name | protectionLoOdukCtp |
| Read-only | no |
| Tab Panel | General Optical Line Port ODUk Facility |
| Type | POINTER |

Optsg**Table 2-2642 Optsg**

| Name | Value |
|----------------|---------------------------------|
| Description | Pointer to the OPTSG CTP. |
| Displayed name | Optsg |
| OSS name | optsgCtp |
| Read-only | no |
| Tab Panel | General OPTSG Termination Point |
| Type | POINTER |

Port Name**Table 2-2643 Port Name**

| Name | Value |
|----------------|---|
| Description | Used for Display in the service/trail components screen in SAM GUI. |
| Displayed name | Port Name |
| OSS name | portName |
| Read-only | no |
| Tab Panel | General Port |
| Type | STRING |

Protection Egress VTS Number**Table 2-2644 Protection Egress VTS Number**

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | Represents VTS channel in egress direction for protection Line port and filled for 11dpe12/11dpe12e card configured in subrate/QinQ mode |
| Displayed name | Protection Egress VTS Number |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | vtsProtectionLineEgress |
| Read-only | no |
| Tab Panel | General Optical Protection Network Port Virtual Time Slot |
| Type | INT |

Protection Ingress VTS Number**Table 2-2645 Protection Ingress VTS Number**

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | Represents VTS channel in ingress direction for protection Line port and filled for 11dpe12/11dpe12e card configured in subrate/QinQ mode |
| Displayed name | Protection Ingress VTS Number |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | vtsProtectionLineIngress |
| Read-only | no |
| Tab Panel | General Optical Protection Network Port Virtual Time Slot |
| Type | INT |

Termination Point**Table 2-2646 Termination Point**

| Name | Value |
|-----------------------|--|
| Description | Pointer to the Connection Termination Point (Ctp). |
| Displayed name | Termination Point |
| Mandatory on creation | yes |
| OSS name | ctpPointer |
| Read-only | no |
| Tab Panel | General Ctp |
| Type | POINTER |

Termination Point**Table 2-2647 Termination Point**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | Pointer to the termination point port. |
| Displayed name | Termination Point |
| Mandatory on creation | yes |
| OSS name | portPointer |

Table 2-2647 Termination Point (continued)

| Name | Value |
|-------------|--------------|
| Read-only | no |
| Tab Panel | General Port |
| Type | POINTER |

VTS Number**Table 2-2648 VTS Number**

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | This Vts number is required only for 11dpe12 when it is configured in subrate/QinQ mode and 11dpe12e cards. |
| Displayed name | VTS Number |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | vtNumber |
| Read-only | no |
| Tab Panel | General Optical Access Port Virtual Time Slot |
| Type | INT |

Trail Site parameters**Account Session ID****Table 2-2649 Account Session ID**

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Account Session ID |
| OSS name | acctSessionId |
| Read-only | yes |
| Tab Panel | General Auto-Creation |
| Type | STRING |

Account Session ID (Control)**Table 2-2650 Account Session ID (Control)**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Account Session ID (Control) |
| OSS name | acctSessionIdCtrl |
| Read-only | yes |
| Tab Panel | General Auto-Creation |
| Type | STRING |

Administrative State**Table 2-2651 Administrative State**

| Name | Value |
|----------------|---|
| Default | yes:serviceUp |
| Description | The administrative state of the service site. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | netw.AdministrativeState |

Creation Mode**Table 2-2652 Creation Mode**

| Name | Value |
|-----------------------|--|
| Default | yes>manual |
| Description | Indicates the protocol or mechanism which created this site. |
| Displayed name | Creation Mode |
| Mandatory on creation | yes |
| OSS name | creationOrigin |
| Read-only | no |
| Tab Panel | General Auto-Creation |
| Type | svt.L2RouteOriginType |

Customer ID

Table 2-2653 Customer ID

| Name | Value |
|----------------|------------------|
| Default | yes:1 |
| Displayed name | Customer ID |
| OSS name | subscriberId |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | LONG |

Customer Name

Table 2-2654 Customer Name

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 32 |
| OSS name | subscriberName |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | STRING |

Description

Table 2-2655 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Dynamic Service Policy**Table 2-2656 Dynamic Service Policy**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Identifies the Dynamic Service Policy used to create this service. |
| Displayed name | Dynamic Service Policy |
| OSS name | dynamicServicePolicyPointer |
| Read-only | yes |
| Tab Panel | General Auto-Creation |
| Type | POINTER |

Monitor Access Interface Operational State**Table 2-2657 Monitor Access Interface Operational State**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Monitor Access Interface Operational State |
| OSS name | monitorAccessInterfaceOper |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Name**Table 2-2658 Name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the Name of the Service Site. It cannot be set to only spaces. Setting to "", "N/A", or "n/a" after creation, will clear Site Name from the node and SAM GUI will display "N/A". |
| Displayed name | Name |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |

Table 2-2658 Name (continued)

| Name | Value |
|------|--------|
| Type | STRING |

Number of SAPs

Table 2-2659 Number of SAPs

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The number of access interfaces directly connected to this site. |
| Displayed name | Number of SAPs |
| OSS name | numberOfAccessInterfaces |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Operational State

Table 2-2660 Operational State

| Name | Value |
|----------------|--|
| Default | yes:unknown |
| Description | The operational status of this service site. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General General |
| Type | netw.OperationalState |

Service ID

Table 2-2661 Service ID

| Name | Value |
|----------------|------------|
| Default | yes:0 |
| Displayed name | Service ID |
| OSS name | serviceId |

Table 2-2661 Service ID (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | yes |
| Tab Panel | General Service |
| Type | LONG |

Service Name

Table 2-2662 Service Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Service Name |
| Maximum | 64 |
| OSS name | serviceName |
| Read-only | yes |
| Tab Panel | General Service |
| Type | STRING |

Site ID

Table 2-2663 Site ID

| Name | Value |
|-----------------------|----------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Mandatory on creation | yes |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General Site Details |
| Type | INETADDR |

Site Name

Table 2-2664 Site Name

| Name | Value |
|-------------|---------------------------------|
| Description | Indicates the Name of the Site. |

Table 2-2664 Site Name (continued)

| Name | Value |
|----------------|----------------------|
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General Site Details |
| Type | STRING |

Site Position

Table 2-2665 Site Position

| Name | Value |
|--------------------------|--|
| Default | yes:from |
| Description | Indicates if the site is at A end or Z end of the trail. |
| Displayed name | Site Position |
| OSS name | sitePosition |
| Read-only | no |
| Tab Panel | General Site Details |
| Type | SitePosition |
| Enumerated types: | |
| A End | |
| Add | |
| Broadcast | |
| Drop | |
| Drop and Continue | |
| Z End | |

State Cause

Table 2-2666 State Cause

| Name | Value |
|----------------|--|
| Description | Specifies all the conditions that affect the operating status of this service. |
| Displayed name | State Cause |
| OSS name | operationalFlags |
| Read-only | yes |

Table 2-2666 State Cause (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | SiteOperFlags |

SVC Mgr Service ID**Table 2-2667 SVC Mgr Service ID**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | SVC Mgr Service ID |
| OSS name | svcComponentId |
| Read-only | yes |
| Tab Panel | General Service |
| Type | LONG |

Switch Name**Table 2-2668 Switch Name**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | On 1830 PSS nodes, new cards like 11QPE24 supports E-LAN (VPLS) and later E-Line (VLL); other cards will follow. All of these cards support the SR-OS object model and behave similar to 7210 nodes. This object represents a service object on a given a site and card. This attribute is a pointer to the card model object. |
| Displayed name | Switch Name |
| Mandatory on creation | yes |
| OSS name | ethernetSwitchCardPointer |
| Read-only | no |
| Tab Panel | General Network Element |
| Type | POINTER |

System ID

Table 2-2669 System ID

| Name | Value |
|-----------------------|-------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | System ID |
| Mandatory on creation | yes |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General Network Element |
| Type | INETADDR |

Trail ID

Table 2-2670 Trail ID

| Name | Value |
|----------------|---------------|
| Default | yes:0 |
| Displayed name | Trail ID |
| OSS name | serviceId |
| Read-only | yes |
| Tab Panel | General Trail |
| Type | LONG |

Trail Name

Table 2-2671 Trail Name

| Name | Value |
|----------------|---------------|
| Default | yes: |
| Displayed name | Trail Name |
| Maximum | 64 |
| OSS name | serviceName |
| Read-only | yes |
| Tab Panel | General Trail |
| Type | STRING |

Trail Termination Point parameters

Administrative State

Table 2-2672 Administrative State

| Name | Value |
|--------------------------|--|
| Default | yes:down |
| Description | The administrative state of the Termination Point. |
| Displayed name | Administrative State |
| Mandatory on creation | yes |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionAdminState |
| Enumerated types: | |
| Automatic In-Service | |
| Blocking | |
| Down | |
| Maintenance | |
| Partially Down | |
| Standby/Backup | |
| Unknown | |
| Up | |

Operational State

Table 2-2673 Operational State

| Name | Value |
|--------------------------|---|
| Default | yes:down |
| Description | The operational state of the Termination Point. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionOperState |
| Enumerated types: | |

Table 2-2673 Operational State (continued)

| Name | Value |
|----------------|-------|
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

Port Name

Table 2-2674 Port Name

| Name | Value |
|----------------|---|
| Description | Used for Display in the service/trail components screen in SAM GUI. |
| Displayed name | Port Name |
| OSS name | portName |
| Read-only | no |
| Tab Panel | General Port |
| Type | STRING |

Termination Point

Table 2-2675 Termination Point

| Name | Value |
|-----------------------|--|
| Description | Pointer to the Connection Termination Point (Ctp). |
| Displayed name | Termination Point |
| Mandatory on creation | yes |
| OSS name | ctpPointer |
| Read-only | no |
| Tab Panel | General Ctp |
| Type | POINTER |

Termination Point**Table 2-2676 Termination Point**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | Pointer to the termination point port. |
| Displayed name | Termination Point |
| Mandatory on creation | yes |
| OSS name | portPointer |
| Read-only | no |
| Tab Panel | General Port |
| Type | POINTER |

Virtual OCH Cross Connect parameters**A-Z Rekey****Table 2-2677 A-Z Rekey**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Setting rekeyAZ to true allows the user to request a rekey in the A-Z direction. |
| Displayed name | A-Z Rekey |
| OSS name | rekeyAZ |
| Read-only | no |
| Tab Panel | General ReKey |
| Type | BOOL |

Administrative State**Table 2-2678 Administrative State**

| Name | Value |
|-----------------------|---|
| Default | yes:up |
| Description | The administrative state of the connection. |
| Displayed name | Administrative State |
| Mandatory on creation | yes |

Table 2-2678 Administrative State (continued)

| Name | Value |
|--------------------------|----------------------|
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionAdminState |
| Enumerated types: | |
| Automatic In-Service | |
| Blocking | |
| Down | |
| Maintenance | |
| Partially Down | |
| Standby/Backup | |
| Unknown | |
| Up | |

Bidirectional

Table 2-2679 Bidirectional

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Bit Rate / Encoding AZ

Table 2-2680 Bit Rate / Encoding AZ

| Name | Value |
|----------------|---|
| Description | Pointer to a user provisioned system-wide technology type (Bit-Rate + Encoding) in the AZ direction |
| Displayed name | Bit Rate / Encoding AZ |

Table 2-2680 Bit Rate / Encoding AZ (continued)

| Name | Value |
|-------------|----------------------------|
| OSS name | technologyTypeAZ |
| Read-only | no |
| Tab Panel | General User Technology AZ |
| Type | POINTER |

Bit Rate / Encoding ZA**Table 2-2681 Bit Rate / Encoding ZA**

| Name | Value |
|----------------|---|
| Description | Pointer to a user provisioned system-wide technology type (Bit-Rate + Encoding) in the ZA direction |
| Displayed name | Bit Rate / Encoding ZA |
| OSS name | technologyTypeZA |
| Read-only | no |
| Tab Panel | General User Technology ZA |
| Type | POINTER |

Bit Rate AZ**Table 2-2682 Bit Rate AZ**

| Name | Value |
|----------------|-----------------------------------|
| Description | Received Bit Rate AZ description. |
| Displayed name | Bit Rate AZ |
| OSS name | bitRateTextAZ |
| Read-only | no |
| Tab Panel | General Received Technology |
| Type | STRING |

Bit Rate ZA**Table 2-2683 Bit Rate ZA**

| Name | Value |
|-------------|-----------------------------------|
| Description | Received Bit Rate ZA description. |

Table 2-2683 Bit Rate ZA (continued)

| Name | Value |
|----------------|-----------------------------|
| Displayed name | Bit Rate ZA |
| OSS name | bitRateTextZA |
| Read-only | no |
| Tab Panel | General Received Technology |
| Type | STRING |

Connection Type

Table 2-2684 Connection Type

| Name | Value |
|--------------------------|---|
| Description | The type of OCH cross connect connection. |
| Displayed name | Connection Type |
| OSS name | xcType |
| Read-only | no |
| Tab Panel | General General |
| Type | XcType |
| Enumerated types: | |
| Add | |
| Add Drop | |
| Continue | |
| Drop | |
| Thru | |

Destination

Table 2-2685 Destination

| Name | Value |
|----------------|---|
| Description | Name of the endpoint Z, used for display. |
| Displayed name | Destination |
| OSS name | endpointZName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Encoding AZ**Table 2-2686 Encoding AZ**

| Name | Value |
|----------------|-----------------------------------|
| Description | Received encoding AZ description. |
| Displayed name | Encoding AZ |
| OSS name | encodingTextAZ |
| Read-only | no |
| Tab Panel | General Received Technology |
| Type | STRING |

Encoding ZA**Table 2-2687 Encoding ZA**

| Name | Value |
|----------------|-----------------------------------|
| Description | Received encoding ZA description. |
| Displayed name | Encoding ZA |
| OSS name | encodingTextZA |
| Read-only | no |
| Tab Panel | General Received Technology |
| Type | STRING |

Endpoint A**Table 2-2688 Endpoint A**

| Name | Value |
|-----------------------|---------------------------|
| Default | yes: |
| Description | Pointer to the A end Ctp. |
| Displayed name | Endpoint A |
| Mandatory on creation | yes |
| OSS name | ctpAPointer |
| Read-only | no |
| Tab Panel | General Endpoint A |
| Type | POINTER |

Endpoint A

Table 2-2689 Endpoint A

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes: |
| Description | Physical port pointer for A end. |
| Displayed name | Endpoint A |
| Mandatory on creation | yes |
| OSS name | portAPointer |
| Read-only | no |
| Tab Panel | General Endpoint A |
| Type | POINTER |

Endpoint Z

Table 2-2690 Endpoint Z

| Name | Value |
|-----------------------|---------------------------|
| Default | yes: |
| Description | Pointer to the Z end Ctp. |
| Displayed name | Endpoint Z |
| Mandatory on creation | yes |
| OSS name | ctpZPointer |
| Read-only | no |
| Tab Panel | General Endpoint Z |
| Type | POINTER |

Endpoint Z

Table 2-2691 Endpoint Z

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes: |
| Description | Physical port pointer for Z end. |
| Displayed name | Endpoint Z |
| Mandatory on creation | yes |
| OSS name | portZPointer |
| Read-only | no |

Table 2-2691 Endpoint Z (continued)

| Name | Value |
|-------------|--------------------|
| Tab Panel | General Endpoint Z |
| Type | POINTER |

ITU Channel

Table 2-2692 ITU Channel

| Name | Value |
|--------------------------|---------------------------------------|
| Description | The channel of the connection source. |
| Displayed name | ITU Channel |
| OSS name | srcChannel |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | ITUChannel |
| Enumerated types: | |
| 1310 | |
| 1471 | |
| 1490 | |
| 1491 | |
| 1511 | |
| 1530 | |
| 1531 | |
| 1550 | |
| 1551 | |
| 1571 | |
| 1591 | |
| 1611 | |
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |

Table 2-2692 ITU Channel (continued)

| Name | Value |
|------|-------|
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |

Table 2-2692 ITU Channel (continued)

| Name | Value |
|------|-------|
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |

Table 2-2692 ITU Channel (continued)

| Name | Value |
|------|-------|
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |

Table 2-2692 ITU Channel (continued)

| Name | Value |
|------|-------|
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |

Table 2-2692 ITU Channel (continued)

| Name | Value |
|------|-------|
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |

Table 2-2692 ITU Channel (continued)

| Name | Value |
|------|-------|
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

OCH Connection ID

Table 2-2693 OCH Connection ID

| Name | Value |
|----------------|-------------------------------|
| Description | Crossconnect Index in the NE. |
| Displayed name | OCH Connection ID |
| OSS name | ochXcId |
| Read-only | no |

Table 2-2693 OCH Connection ID (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | LONG |

OCH Trail Name

Table 2-2694 OCH Trail Name

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Can be deployed on NE for OCh cross-connect, or connection group. For OCH XC/XC group the max length is 80, so we keep this for OT XCs too. This is the OCHTrail name for OCH XCs or OCH XC groups. |
| Displayed name | OCH Trail Name |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | xcName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Operational State

Table 2-2695 Operational State

| Name | Value |
|--------------------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionOperState |
| Enumerated types: | |
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |

Table 2-2695 Operational State (continued)

| Name | Value |
|----------------|-------|
| Partially Down | |
| Unknown | |
| Up | |

Power Management Type**Table 2-2696 Power Management Type**

| Name | Value |
|--------------------------|-------------------------------|
| Description | The type of power management. |
| Displayed name | Power Management Type |
| OSS name | powerMgmtType |
| Read-only | no |
| Tab Panel | General General |
| Type | PowerMgmtType |
| Enumerated types: | |
| Auto | |
| Hybrid | |
| Manual | |

Protection Mode**Table 2-2697 Protection Mode**

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | The protection state of the connection. |
| Displayed name | Protection Mode |
| Mandatory on creation | yes |
| OSS name | protectionState |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |

Table 2-2697 Protection Mode (continued)

| Name | Value |
|-------------|-------|
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Site ID

Table 2-2698 Site ID

| Name | Value |
|----------------|-----------------|
| Default | yes:0.0.0.0 |
| Description | Site ID. |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name

Table 2-2699 Site Name

| Name | Value |
|----------------|-----------------|
| Description | Site name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Source

Table 2-2700 Source

| Name | Value |
|----------------|---|
| Description | Name of the endpoint A, used for display. |
| Displayed name | Source |
| OSS name | endpointAName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Wave Key 1 AZ

Table 2-2701 Wave Key 1 AZ

| Name | Value |
|----------------|---|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchXcItuWaveKeyAutoSelect is true, tnOchXcItuEncodedWaveKey1AZ has been set and the values have been set to 0,a rekey will be performed in the AZ direction. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 1 AZ |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey1AZ |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | INT |

Wave Key 1 ZA

Table 2-2702 Wave Key 1 ZA

| Name | Value |
|----------------|---|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the reverse direction. If, without setting any other attributes and tnOchXcItuWaveKeyAutoSelect is true, tnOchXcItuEncodedWaveKey1ZA has been set and the values have been set to 0,a rekey will be performed in the ZA direction. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 1 ZA |
| Maximum | 4096 |

Table 2-2702 Wave Key 1 ZA (continued)

| Name | Value |
|-------------|------------------|
| Minimum | 0 |
| OSS name | waveKey1ZA |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | INT |

Wave Key 2 AZ

Table 2-2703 Wave Key 2 AZ

| Name | Value |
|----------------|---|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchXcItuWaveKeyAutoSelect is true, tnOchXcItuEncodedWaveKey2AZ has been set and the values have been set to 0,a rekey will be performed in the AZ direction. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 2 AZ |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey2AZ |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | INT |

Wave Key 2 ZA

Table 2-2704 Wave Key 2 ZA

| Name | Value |
|----------------|---|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the reverse direction. If, without setting any other attributes and tnOchXcItuWaveKeyAutoSelect is true, tnOchXcItuEncodedWaveKey2ZA has been set and the values have been set to 0,a rekey will be performed in the ZA direction. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 2 ZA |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey2ZA |

Table 2-2704 Wave Key 2 ZA (continued)

| Name | Value |
|-------------|------------------|
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | INT |

Wave Key Assign Mode**Table 2-2705 Wave Key Assign Mode**

| Name | Value |
|--------------------------|---|
| Default | yes:unkey |
| Description | Indicates how the OCH XC's Wave Keys are selected and distributed to other nodes. |
| Displayed name | Wave Key Assign Mode |
| OSS name | wavekeySelect |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | WavekeySelect |
| Enumerated types: | |
| Auto Keying (NE) | |
| Auto Keying (NMS) | |
| Unkeyed | |

Z-A Rekey**Table 2-2706 Z-A Rekey**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Setting rekeyZA to true allows the user to request a rekey in the Z-A direction. |
| Displayed name | Z-A Rekey |
| OSS name | rekeyZA |
| Read-only | no |
| Tab Panel | General ReKey |
| Type | BOOL |

Virtual Plane HO-ODU Termination parameters

Assigned Rate

Table 2-2707 Assigned Rate

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Ctp ID

Table 2-2708 Ctp ID

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Layer Type

Table 2-2709 Layer Type

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |

Table 2-2709 Layer Type (continued)

| Name | Value |
|------|-------------------|
| Type | optical.LayerType |

Name**Table 2-2710 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site ID**Table 2-2711 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 2-2712 Site Name**

| Name | Value |
|----------------|-----------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |

Table 2-2712 Site Name (continued)

| Name | Value |
|-------------|--------------|
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

3 Alcatel-Lucent 1830 PSS (PSS-4, 16/32) parameters

1830 PSS Performance Management Policy parameters

Administrative State

Table 3-1 Administrative State

| Name | Value |
|----------------|--|
| Default | yes:up |
| Description | Allows to start/stop performance management stats collection |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | snmp.AdminState |

Description

Table 3-2 Description

| Name | Value |
|----------------|-----------------|
| Displayed name | Description |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Displayed Name

Table 3-3 Displayed Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Displayed Name |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Password

Table 3-4 Password

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | Password |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | password |
| Read-only | no |
| Tab Panel | General FTP Settings |
| Type | STRING |

Policy ID

Table 3-5 Policy ID

| Name | Value |
|-----------------------|-----------|
| Displayed name | Policy ID |
| Mandatory on creation | yes |
| Maximum | 65535 |
| Minimum | 1 |
| OSS name | id |
| Read-only | no |

Table 3-5 Policy ID (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | INT |

Protocol

Table 3-6 Protocol

| Name | Value |
|--------------------------|------------------|
| Default | yes:tftp |
| Displayed name | Protocol |
| OSS name | transferProtocol |
| Read-only | no |
| Tab Panel | General General |
| Type | TransferProtocol |
| Enumerated types: | |
| SFTP | |
| TFTP | |

User ID

Table 3-7 User ID

| Name | Value |
|----------------|----------------------|
| Displayed name | User ID |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | userId |
| Read-only | no |
| Tab Panel | General FTP Settings |
| Type | STRING |

7210 and 1830 Access Ingress Policy parameters

Allow any IPV6 Match

Table 3-8 Allow any IPV6 Match

| Name | Value |
|----------------|--------------------------|
| Default | yes:false |
| Displayed name | Allow any IPV6 Match |
| OSS name | enableIpv6Classification |
| Read-only | no |
| Tab Panel | General Match Type |
| Type | generic.TruthValue |

Configuration Mode

Table 3-9 Configuration Mode

| Name | Value |
|----------------|------------------------------|
| Default | yes:draft |
| Displayed name | Configuration Mode |
| OSS name | configurationMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | ConfigurationMode |

Default FC

Table 3-10 Default FC

| Name | Value |
|----------------|----------------------------------|
| Default | yes:be |
| Displayed name | Default FC |
| OSS name | defaultFc |
| Read-only | no |
| Tab Panel | General Default Forwarding Class |
| Type | qos.FcEnum |

Description
Table 3-11 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Discovery State**Table 3-12 Discovery State**

| Name | Value |
|----------------|--|
| Default | yes:notApplicable |
| Description | Only applicable to the global policy. Set to "InProgress" if the global policy is created as part of the specific NE resync during the full node resync or node discovery. At the end of full node resync, if the resync is successful, the global policy is completely updated from first discovered local policy and its discoveryState is set to "completed". Otherwise, the global policy is not updated and its discoveryState is set to "failed". For "failed" global policy, it will be updated by next successful full node resync or synchronized from the specific local policy. Set to "initialized" if the global policy is created by SNMP trap notification. User may need to synchronize the global policy manually with the specific local policy. Set to "N/A" if the global policy is created or modified by a SAM user. |
| Displayed name | Discovery State |
| OSS name | discoveryState |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DiscoveryState |

Displayed Name**Table 3-13 Displayed Name**

| Name | Value |
|----------------|----------------|
| Default | yes: |
| Displayed name | Displayed Name |

Table 3-13 Displayed Name (continued)

| Name | Value |
|-------------|-----------------|
| Maximum | 80 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Distribution Mode**Table 3-14 Distribution Mode**

| Name | Value |
|----------------|------------------------------|
| Default | yes:syncWithGlobal |
| Displayed name | Distribution Mode |
| OSS name | distributionMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DistributionMode |

Dot1p classification type**Table 3-15 Dot1p classification type**

| Name | Value |
|----------------|-----------------------------|
| Default | yes: |
| Displayed name | Dot1p classification type |
| OSS name | dot1pClassificationPointer |
| Read-only | no |
| Tab Panel | General Classification Type |
| Type | POINTER |

DSCP Classification Type
Table 3-16 DSCP Classification Type

| Name | Value |
|----------------|-----------------------------|
| Default | yes: |
| Displayed name | DSCP Classification Type |
| OSS name | dscpClassificationPointer |
| Read-only | no |
| Tab Panel | General Classification Type |
| Type | POINTER |

Enable Inner Dot1p Match Criteria**Table 3-17 Enable Inner Dot1p Match Criteria**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:false |
| Displayed name | Enable Inner Dot1p Match Criteria |
| OSS name | enableInnerDot1pMatch |
| Read-only | no |
| Tab Panel | General Match Type |
| Type | generic.TruthValue |

ID**Table 3-18 ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | ID |
| Mandatory on creation | yes |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

IP Match Criteria type

Table 3-19 IP Match Criteria type

| Name | Value |
|--------------------------|------------------------|
| Default | yes:dscpOnly |
| Displayed name | IP Match Criteria type |
| OSS name | ipMatchCriteriaType |
| Read-only | no |
| Tab Panel | General Match Type |
| Type | IPMatchType |
| Enumerated types: | |
| Any | |
| DSCP only | |

IPV6 Match Criteria type

Table 3-20 IPV6 Match Criteria type

| Name | Value |
|--------------------------|--------------------------|
| Default | yes:dscpOnly |
| Displayed name | IPV6 Match Criteria type |
| OSS name | ipv6MatchCriteriaType |
| Read-only | no |
| Tab Panel | General Match Type |
| Type | IPMatchType |
| Enumerated types: | |
| Any | |
| DSCP only | |

Last Sync From

Table 3-21 Last Sync From

| Name | Value |
|-------------|--|
| Default | yes:N/A |
| Description | Only applicable to the global policy. Set to the siteId if the policy is created as the part of the specific NE resync or by SNMP notification. Set to user name if the policy is created by a SAM user. |

Table 3-21 Last Sync From (continued)

| Name | Value |
|----------------|------------------------------|
| Displayed name | Last Sync From |
| Maximum | 50 |
| OSS name | origin |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | STRING |

Last Sync Time**Table 3-22 Last Sync Time**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Only applicable to the global policy. Specifies the time at which latest sync occurred. |
| Displayed name | Last Sync Time |
| OSS name | lastSyncTime |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DATE |

MAC Match Criteria type**Table 3-23 MAC Match Criteria type**

| Name | Value |
|--------------------------|-------------------------|
| Default | yes:any |
| Displayed name | MAC Match Criteria type |
| OSS name | macMatchCriteriaType |
| Read-only | no |
| Tab Panel | General Match Type |
| Type | MacMatchType |
| Enumerated types: | |
| Any | |
| Dot1p only | |

Match Criteria

Table 3-24 Match Criteria

| Name | Value |
|----------------|-------------------------|
| Default | yes:none |
| Displayed name | Match Criteria |
| OSS name | matchCriteria |
| Read-only | no |
| Tab Panel | General General |
| Type | qos.FilterMatchCriteria |

Number of QoS Classifiers

Table 3-25 Number of QoS Classifiers

| Name | Value |
|----------------|---------------------------|
| Default | yes:16 |
| Displayed name | Number of QoS Classifiers |
| Maximum | 256 |
| Minimum | 2 |
| OSS name | numQosClassifiers |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Policy Scope

Table 3-26 Policy Scope

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Displayed name | Policy Scope |
| OSS name | isLocal |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | BOOL |

Profile
Table 3-27 Profile

| Name | Value |
|----------------|----------------------------------|
| Default | yes:out |
| Displayed name | Profile |
| OSS name | defaultFcProfile |
| Read-only | no |
| Tab Panel | General Default Forwarding Class |
| Type | qos.Profile |

Profile**Table 3-28 Profile**

| Name | Value |
|----------------|--------------------|
| Default | yes:out |
| Displayed name | Profile |
| OSS name | defaultFcProfile |
| Read-only | no |
| Tab Panel | General Match Type |
| Type | qos.Profile |

Scope**Table 3-29 Scope**

| Name | Value |
|----------------|-----------------|
| Default | yes:template |
| Displayed name | Scope |
| OSS name | scope |
| Read-only | no |
| Tab Panel | General General |
| Type | acl.ItemScope |

Site ID**Table 3-30 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-31 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

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Configuration Mode**Table 3-32 Configuration Mode**

| Name | Value |
|----------------|------------------------------|
| Default | yes:draft |
| Displayed name | Configuration Mode |
| OSS name | configurationMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |

Table 3-32 Configuration Mode (continued)

| Name | Value |
|------|-------------------|
| Type | ConfigurationMode |

Description

Table 3-33 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Discovery State

Table 3-34 Discovery State

| Name | Value |
|----------------|--|
| Default | yes:notApplicable |
| Description | Only applicable to the global policy. Set to "InProgress" if the global policy is created as part of the specific NE resync during the full node resync or node discovery. At the end of full node resync, if the resync is successful, the global policy is completely updated from first discovered local policy and its discoveryState is set to "completed". Otherwise, the global policy is not updated and its discoveryState is set to "failed". For "failed" global policy, it will be updated by next successful full node resync or synchronized from the specific local policy. Set to "initialized" if the global policy is created by SNMP trap notification. User may need to synchronize the global policy manually with the specific local policy. Set to "N/A" if the global policy is created or modified by a SAM user. |
| Displayed name | Discovery State |
| OSS name | discoveryState |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DiscoveryState |

Displayed Name

Table 3-35 Displayed Name

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | Displayed Name |
| Mandatory on creation | yes |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Distribution Mode

Table 3-36 Distribution Mode

| Name | Value |
|----------------|------------------------------|
| Default | yes:syncWithGlobal |
| Displayed name | Distribution Mode |
| OSS name | distributionMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DistributionMode |

Last Sync From

Table 3-37 Last Sync From

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | Only applicable to the global policy. Set to the siteId if the policy is created as the part of the specific NE resync or by SNMP notification. Set to user name if the policy is created by a SAM user. |
| Displayed name | Last Sync From |
| Maximum | 50 |
| OSS name | origin |

Table 3-37 Last Sync From (continued)

| Name | Value |
|-------------|------------------------------|
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | STRING |

Last Sync Time**Table 3-38 Last Sync Time**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Only applicable to the global policy. Specifies the time at which latest sync occurred. |
| Displayed name | Last Sync Time |
| OSS name | lastSyncTime |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DATE |

Policy Scope**Table 3-39 Policy Scope**

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Displayed name | Policy Scope |
| OSS name | isLocal |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | BOOL |

Site ID**Table 3-40 Site ID**

| Name | Value |
|----------------|-------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |

Table 3-40 Site ID (continued)

| Name | Value |
|-------------|--------------|
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name

Table 3-41 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

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Configuration Mode

Table 3-42 Configuration Mode

| Name | Value |
|----------------|------------------------------|
| Default | yes:draft |
| Displayed name | Configuration Mode |
| OSS name | configurationMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | ConfigurationMode |

Default FC
Table 3-43 Default FC

| Name | Value |
|----------------|-----------------|
| Default | yes:be |
| Displayed name | Default FC |
| OSS name | defaultFc |
| Read-only | no |
| Tab Panel | General Ingress |
| Type | qos.FcEnum |

Default FC Profile**Table 3-44 Default FC Profile**

| Name | Value |
|----------------|--------------------|
| Default | yes:out |
| Displayed name | Default FC Profile |
| OSS name | defaultProfile |
| Read-only | no |
| Tab Panel | General Ingress |
| Type | qos.Profile |

Description**Table 3-45 Description**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Discovery State

Table 3-46 Discovery State

| Name | Value |
|----------------|--|
| Default | yes:notApplicable |
| Description | Only applicable to the global policy. Set to "inProgress" if the global policy is created as part of the specific NE resync during the full node resync or node discovery. At the end of full node resync, if the resync is successful, the global policy is completely updated from first discovered local policy and its discoveryState is set to "completed". Otherwise, the global policy is not updated and its discoveryState is set to "failed". For "failed" global policy, it will be updated by next successful full node resync or synchronized from the specific local policy. Set to "initialized" if the global policy is created by SNMP trap notification. User may need to synchronize the global policy manually with the specific local policy. Set to "N/A" if the global policy is created or modified by a SAM user. |
| Displayed name | Discovery State |
| OSS name | discoveryState |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DiscoveryState |

Displayed Name

Table 3-47 Displayed Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Displayed Name |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | displayedName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Distribution Mode

Table 3-48 Distribution Mode

| Name | Value |
|----------------|--------------------|
| Default | yes:syncWithGlobal |
| Displayed name | Distribution Mode |

Table 3-48 Distribution Mode (continued)

| Name | Value |
|-------------|------------------------------|
| OSS name | distributionMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DistributionMode |

Dot1p classification type**Table 3-49 Dot1p classification type**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:sasDot1pClassification:Dot1p-1 |
| Displayed name | Dot1p classification type |
| OSS name | dot1pClassificationPointer |
| Read-only | no |
| Tab Panel | General Ingress Classification Type |
| Type | POINTER |

DSCP Classification Type**Table 3-50 DSCP Classification Type**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Displayed name | DSCP Classification Type |
| OSS name | dscpClassificationPointer |
| Read-only | no |
| Tab Panel | General Ingress Classification Type |
| Type | POINTER |

Last Sync From**Table 3-51 Last Sync From**

| Name | Value |
|---------|---------|
| Default | yes:N/A |

Table 3-51 Last Sync From (continued)

| Name | Value |
|----------------|--|
| Description | Only applicable to the global policy. Set to the siteId if the policy is created as the part of the specific NE resync or by SNMP notification. Set to user name if the policy is created by a SAM user. |
| Displayed name | Last Sync From |
| Maximum | 50 |
| OSS name | origin |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | STRING |

Last Sync Time

Table 3-52 Last Sync Time

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Only applicable to the global policy. Specifies the time at which latest sync occurred. |
| Displayed name | Last Sync Time |
| OSS name | lastSyncTime |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DATE |

MPLS LSP-EXP Profile

Table 3-53 MPLS LSP-EXP Profile

| Name | Value |
|----------------|------------------------|
| Default | yes:sasMplsLspExpMap:1 |
| Displayed name | MPLS LSP-EXP Profile |
| OSS name | mplsLspExpMapPointer |
| Read-only | no |
| Tab Panel | General Ingress |
| Type | POINTER |

Nw Mgr ID**Table 3-54 Nw Mgr ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Nw Mgr ID |
| Mandatory on creation | yes |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Policy Id**Table 3-55 Policy Id**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Policy Id |
| Mandatory on creation | yes |
| Maximum | 65535 |
| Minimum | 1 |
| OSS name | nwPolicyId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Policy Scope**Table 3-56 Policy Scope**

| Name | Value |
|----------------|--------------|
| Default | yes:false |
| Displayed name | Policy Scope |
| OSS name | isLocal |
| Read-only | yes |

Table 3-56 Policy Scope (continued)

| Name | Value |
|-------------|------------------------------|
| Tab Panel | General Policy Configuration |
| Type | BOOL |

Remarking

Table 3-57 Remarking

| Name | Value |
|----------------|--------------------|
| Default | yes:true |
| Displayed name | Remarking |
| OSS name | egressRemark |
| Read-only | no |
| Tab Panel | General Egress |
| Type | generic.TruthValue |

Remarking Policy

Table 3-58 Remarking Policy

| Name | Value |
|----------------|--------------------------|
| Default | yes:sasRemarkingPolicy:1 |
| Displayed name | Remarking Policy |
| OSS name | remarkPolicyPointer |
| Read-only | no |
| Tab Panel | General Egress |
| Type | POINTER |

Remarking Type

Table 3-59 Remarking Type

| Name | Value |
|----------------|---|
| Default | yes:all |
| Description | Specifies for network egress traffic whether packets are remarked with dot1p values, DSCP values, or both |
| Displayed name | Remarking Type |

Table 3-59 Remarking Type (continued)

| Name | Value |
|--------------------------|------------------|
| OSS name | egressRemarkType |
| Read-only | no |
| Tab Panel | General Egress |
| Type | RemarkingType |
| Enumerated types: | |
| | all |
| | use-dot1p |
| | use-dscp |

Scope

Table 3-60 Scope

| Name | Value |
|----------------|-----------------|
| Default | yes:template |
| Displayed name | Scope |
| OSS name | scope |
| Read-only | no |
| Tab Panel | General General |
| Type | acl.ItemScope |

Site ID

Table 3-61 Site ID

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name
Table 3-62 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Type**Table 3-63 Type**

| Name | Value |
|--------------------------|-------------------|
| Default | yes:Type_port |
| Displayed name | Type |
| Mandatory on creation | yes |
| OSS name | nwPolicyType |
| Read-only | no |
| Tab Panel | General General |
| Type | NetworkPolicyType |
| Enumerated types: | |
| Network Interface | |
| Port | |

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Configuration Mode

Table 3-64 Configuration Mode

| Name | Value |
|----------------|------------------------------|
| Default | yes:draft |
| Displayed name | Configuration Mode |
| OSS name | configurationMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | ConfigurationMode |

Description

Table 3-65 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Discovery State

Table 3-66 Discovery State

| Name | Value |
|---------|-------------------|
| Default | yes:notApplicable |

Table 3-66 Discovery State (continued)

| Name | Value |
|----------------|--|
| Description | Only applicable to the global policy. Set to "InProgress" if the global policy is created as part of the specific NE resync during the full node resync or node discovery. At the end of full node resync, if the resync is successful, the global policy is completely updated from first discovered local policy and its discoveryState is set to "completed". Otherwise, the global policy is not updated and its discoveryState is set to "failed". For "failed" global policy, it will be updated by next successful full node resync or synchronized from the specific local policy. Set to "initialized" if the global policy is created by SNMP trap notification. User may need to synchronize the global policy manually with the specific local policy. Set to "N/A" if the global policy is created or modified by a SAM user. |
| Displayed name | Discovery State |
| OSS name | discoveryState |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DiscoveryState |

Displayed Name

Table 3-67 Displayed Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Displayed Name |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Distribution Mode

Table 3-68 Distribution Mode

| Name | Value |
|----------------|--------------------|
| Default | yes:syncWithGlobal |
| Displayed name | Distribution Mode |
| OSS name | distributionMode |
| Read-only | yes |

Table 3-68 Distribution Mode (continued)

| Name | Value |
|-------------|------------------------------|
| Tab Panel | General Policy Configuration |
| Type | DistributionMode |

Egress Remark**Table 3-69 Egress Remark**

| Name | Value |
|----------------|--------------------|
| Default | yes:true |
| Displayed name | Egress Remark |
| OSS name | egressRemark |
| Read-only | no |
| Tab Panel | General General |
| Type | generic.TruthValue |

ID**Table 3-70 ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | ID |
| Mandatory on creation | yes |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Last Sync From**Table 3-71 Last Sync From**

| Name | Value |
|---------|---------|
| Default | yes:N/A |

Table 3-71 Last Sync From (continued)

| Name | Value |
|----------------|--|
| Description | Only applicable to the global policy. Set to the siteId if the policy is created as the part of the specific NE resync or by SNMP notification. Set to user name if the policy is created by a SAM user. |
| Displayed name | Last Sync From |
| Maximum | 50 |
| OSS name | origin |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | STRING |

Last Sync Time

Table 3-72 Last Sync Time

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Only applicable to the global policy. Specifies the time at which latest sync occurred. |
| Displayed name | Last Sync Time |
| OSS name | lastSyncTime |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DATE |

Policy Scope

Table 3-73 Policy Scope

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Displayed name | Policy Scope |
| OSS name | isLocal |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | BOOL |

Remarking Policy

Table 3-74 Remarking Policy

| Name | Value |
|----------------|--------------------------|
| Default | yes:sasRemarkingPolicy:2 |
| Displayed name | Remarking Policy |
| OSS name | remarkPolicyPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Remarking Type

Table 3-75 Remarking Type

| Name | Value |
|--------------------------|-----------------|
| Default | yes:use_dot1p |
| Displayed name | Remarking Type |
| OSS name | remarkingType |
| Read-only | no |
| Tab Panel | General General |
| Type | RemarkingType |
| Enumerated types: | |
| | all |
| | use-dot1p |
| | use-dscp |

Scope

Table 3-76 Scope

| Name | Value |
|----------------|-----------------|
| Default | yes:template |
| Displayed name | Scope |
| OSS name | scope |
| Read-only | no |
| Tab Panel | General General |
| Type | acl.ItemScope |

Site ID**Table 3-77 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-78 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

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Configuration Mode**Table 3-79 Configuration Mode**

| Name | Value |
|----------------|------------------------------|
| Default | yes:draft |
| Displayed name | Configuration Mode |
| OSS name | configurationMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |

Table 3-79 Configuration Mode (continued)

| Name | Value |
|------|-------------------|
| Type | ConfigurationMode |

Description

Table 3-80 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Discovery State

Table 3-81 Discovery State

| Name | Value |
|----------------|--|
| Default | yes:notApplicable |
| Description | Only applicable to the global policy. Set to "InProgress" if the global policy is created as part of the specific NE resync during the full node resync or node discovery. At the end of full node resync, if the resync is successful, the global policy is completely updated from first discovered local policy and its discoveryState is set to "completed". Otherwise, the global policy is not updated and its discoveryState is set to "failed". For "failed" global policy, it will be updated by next successful full node resync or synchronized from the specific local policy. Set to "initialized" if the global policy is created by SNMP trap notification. User may need to synchronize the global policy manually with the specific local policy. Set to "N/A" if the global policy is created or modified by a SAM user. |
| Displayed name | Discovery State |
| OSS name | discoveryState |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DiscoveryState |

Displayed Name

Table 3-82 Displayed Name

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | Displayed Name |
| Mandatory on creation | yes |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Distribution Mode

Table 3-83 Distribution Mode

| Name | Value |
|----------------|------------------------------|
| Default | yes:syncWithGlobal |
| Displayed name | Distribution Mode |
| OSS name | distributionMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DistributionMode |

Last Sync From

Table 3-84 Last Sync From

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | Only applicable to the global policy. Set to the siteId if the policy is created as the part of the specific NE resync or by SNMP notification. Set to user name if the policy is created by a SAM user. |
| Displayed name | Last Sync From |
| Maximum | 50 |
| OSS name | origin |

Table 3-84 Last Sync From (continued)

| Name | Value |
|-------------|------------------------------|
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | STRING |

Last Sync Time**Table 3-85 Last Sync Time**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Only applicable to the global policy. Specifies the time at which latest sync occurred. |
| Displayed name | Last Sync Time |
| OSS name | lastSyncTime |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DATE |

Mode**Table 3-86 Mode**

| Name | Value |
|---------------------------|---|
| Default | yes:noMode |
| Description | Specifies the mode of this port scheduler |
| Displayed name | Mode |
| OSS name | mode |
| Read-only | no |
| Tab Panel | General Mode |
| Type | PortSchedulerMode |
| Enumerated types: | |
| RoundRobin | |
| Strict | |
| WeightedDeficitRoundRobin | |
| WeightedRoundRobin | |

Policy Scope
Table 3-87 Policy Scope

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Displayed name | Policy Scope |
| OSS name | isLocal |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | BOOL |

Site ID**Table 3-88 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-89 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Strict**Table 3-90 Strict**

| Name | Value |
|----------------|---------------------------|
| Displayed name | Strict |
| OSS name | valueManager:queue1Weight |
| Read-only | no |
| Tab Panel | Queues Queue 1 |

Strict**Table 3-91 Strict**

| Name | Value |
|----------------|---------------------------|
| Displayed name | Strict |
| OSS name | valueManager:queue2Weight |
| Read-only | no |
| Tab Panel | Queues Queue 2 |

Strict**Table 3-92 Strict**

| Name | Value |
|----------------|---------------------------|
| Displayed name | Strict |
| OSS name | valueManager:queue3Weight |
| Read-only | no |
| Tab Panel | Queues Queue 3 |

Strict**Table 3-93 Strict**

| Name | Value |
|----------------|---------------------------|
| Displayed name | Strict |
| OSS name | valueManager:queue4Weight |
| Read-only | no |
| Tab Panel | Queues Queue 4 |

Strict**Table 3-94 Strict**

| Name | Value |
|----------------|---------------------------|
| Displayed name | Strict |
| OSS name | valueManager:queue5Weight |
| Read-only | no |
| Tab Panel | Queues Queue 5 |

Strict**Table 3-95 Strict**

| Name | Value |
|----------------|---------------------------|
| Displayed name | Strict |
| OSS name | valueManager:queue6Weight |
| Read-only | no |
| Tab Panel | Queues Queue 6 |

Strict**Table 3-96 Strict**

| Name | Value |
|----------------|---------------------------|
| Displayed name | Strict |
| OSS name | valueManager:queue7Weight |
| Read-only | no |
| Tab Panel | Queues Queue 7 |

Strict**Table 3-97 Strict**

| Name | Value |
|----------------|---------------------------|
| Displayed name | Strict |
| OSS name | valueManager:queue8Weight |
| Read-only | no |
| Tab Panel | Queues Queue 8 |

Weight**Table 3-98 Weight**

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | Specifies the weight for Queue 1 of this port scheduler |
| Displayed name | Weight |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | queue1Weight |
| Read-only | no |
| Tab Panel | Queues Queue 1 |
| Type | INT |

Weight**Table 3-99 Weight**

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | Specifies the weight for Queue 2 of this port scheduler |
| Displayed name | Weight |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | queue2Weight |
| Read-only | no |
| Tab Panel | Queues Queue 2 |
| Type | INT |

Weight**Table 3-100 Weight**

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | Specifies the weight for Queue 3 of this port scheduler |
| Displayed name | Weight |
| Maximum | 15 |

Table 3-100 Weight (continued)

| Name | Value |
|-------------|----------------|
| Minimum | 0 |
| OSS name | queue3Weight |
| Read-only | no |
| Tab Panel | Queues Queue 3 |
| Type | INT |

Weight**Table 3-101 Weight**

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | Specifies the weight for Queue 4 of this port scheduler |
| Displayed name | Weight |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | queue4Weight |
| Read-only | no |
| Tab Panel | Queues Queue 4 |
| Type | INT |

Weight**Table 3-102 Weight**

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | Specifies the weight for Queue 5 of this port scheduler |
| Displayed name | Weight |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | queue5Weight |
| Read-only | no |
| Tab Panel | Queues Queue 5 |
| Type | INT |

Weight**Table 3-103 Weight**

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | Specifies the weight for Queue 6 of this port scheduler |
| Displayed name | Weight |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | queue6Weight |
| Read-only | no |
| Tab Panel | Queues Queue 6 |
| Type | INT |

Weight**Table 3-104 Weight**

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | Specifies the weight for Queue 7 of this port scheduler |
| Displayed name | Weight |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | queue7Weight |
| Read-only | no |
| Tab Panel | Queues Queue 7 |
| Type | INT |

Weight**Table 3-105 Weight**

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | Specifies the weight for Queue 8 of this port scheduler |
| Displayed name | Weight |
| Maximum | 15 |

Table 3-105 Weight (continued)

| Name | Value |
|-------------|----------------|
| Minimum | 0 |
| OSS name | queue8Weight |
| Read-only | no |
| Tab Panel | Queues Queue 8 |
| Type | INT |

7210 and 1830 WRED Slope Policy parameters

Configuration Mode

Table 3-106 Configuration Mode

| Name | Value |
|----------------|------------------------------|
| Default | yes:draft |
| Displayed name | Configuration Mode |
| OSS name | configurationMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | ConfigurationMode |

Description

Table 3-107 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Discovery State
Table 3-108 Discovery State

| Name | Value |
|----------------|--|
| Default | yes:notApplicable |
| Description | Only applicable to the global policy. Set to "inProgress" if the global policy is created as part of the specific NE resync during the full node resync or node discovery. At the end of full node resync, if the resync is successful, the global policy is completely updated from first discovered local policy and its discoveryState is set to "completed". Otherwise, the global policy is not updated and its discoveryState is set to "failed". For "failed" global policy, it will be updated by next successful full node resync or synchronized from the specific local policy. Set to "initialized" if the global policy is created by SNMP trap notification. User may need to synchronize the global policy manually with the specific local policy. Set to "N/A" if the global policy is created or modified by a SAM user. |
| Displayed name | Discovery State |
| OSS name | discoveryState |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DiscoveryState |

Displayed Name**Table 3-109 Displayed Name**

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | Displayed Name |
| Mandatory on creation | yes |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Distribution Mode**Table 3-110 Distribution Mode**

| Name | Value |
|---------|--------------------|
| Default | yes:syncWithGlobal |

Table 3-110 Distribution Mode (continued)

| Name | Value |
|----------------|------------------------------|
| Displayed name | Distribution Mode |
| OSS name | distributionMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DistributionMode |

Last Sync From**Table 3-111 Last Sync From**

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | Only applicable to the global policy. Set to the siteId if the policy is created as the part of the specific NE resync or by SNMP notification. Set to user name if the policy is created by a SAM user. |
| Displayed name | Last Sync From |
| Maximum | 50 |
| OSS name | origin |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | STRING |

Last Sync Time**Table 3-112 Last Sync Time**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Only applicable to the global policy. Specifies the time at which latest sync occurred. |
| Displayed name | Last Sync Time |
| OSS name | lastSyncTime |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DATE |

Policy Scope
Table 3-113 Policy Scope

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Displayed name | Policy Scope |
| OSS name | isLocal |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | BOOL |

Site ID**Table 3-114 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-115 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

AccessIngressForwardingClass parameters

Broadcast Meter ID

Table 3-116 Broadcast Meter ID

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Broadcast Meter ID |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | broadcastMeterId |
| Read-only | no |
| Tab Panel | General Meter |
| Type | LONG |

Forwarding Class

Table 3-117 Forwarding Class

| Name | Value |
|-----------------------|------------------|
| Default | yes:be |
| Displayed name | Forwarding Class |
| Mandatory on creation | yes |
| OSS name | forwardingClass |
| Read-only | no |
| Tab Panel | General General |
| Type | qos.FcEnum |

Meter ID

Table 3-118 Meter ID

| Name | Value |
|----------------|----------|
| Default | yes:0 |
| Displayed name | Meter ID |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | meterId |

Table 3-118 Meter ID (continued)

| Name | Value |
|-------------|---------------|
| Read-only | no |
| Tab Panel | General Meter |
| Type | LONG |

Multicast Meter ID**Table 3-119 Multicast Meter ID**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Multicast Meter ID |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | multicastMeterId |
| Read-only | no |
| Tab Panel | General Meter |
| Type | LONG |

Multicast Queue ID**Table 3-120 Multicast Queue ID**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Multicast Queue ID |
| Maximum | 8 |
| Minimum | 0 |
| OSS name | multicastQueueId |
| Read-only | no |
| Tab Panel | General Queue |
| Type | LONG |

Queue ID
Table 3-121 Queue ID

| Name | Value |
|----------------|---------------|
| Default | yes:0 |
| Displayed name | Queue ID |
| Maximum | 8 |
| Minimum | 0 |
| OSS name | queueId |
| Read-only | no |
| Tab Panel | General Queue |
| Type | LONG |

Unknown Meter ID**Table 3-122 Unknown Meter ID**

| Name | Value |
|----------------|------------------|
| Default | yes:0 |
| Displayed name | Unknown Meter ID |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | unknownMeterId |
| Read-only | no |
| Tab Panel | General Meter |
| Type | LONG |

ACL MAC Filter parameters

Application

Table 3-123 Application

| Name | Value |
|--------------------------|---|
| Default | yes:creditControl |
| Description | The value specifies for which application the inserted entries must be grouped. |
| Displayed name | Application |
| OSS name | groupEntriesApplication |
| Read-only | no |
| Tab Panel | Insertion Blocks Group Entry Insertion Sorting |
| Type | ApplicationType |
| Enumerated types: | |
| BGP Flowspec | |
| CreditControl | |
| Host Shared RADIUS | |
| Normal | |
| RADIUS | |

Configuration Mode

Table 3-124 Configuration Mode

| Name | Value |
|----------------|------------------------------|
| Default | yes:draft |
| Displayed name | Configuration Mode |
| OSS name | configurationMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | ConfigurationMode |

Credit Control

Table 3-125 Credit Control

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 3-125 Credit Control (continued)

| Name | Value |
|----------------|---|
| Description | The value indicates how many filter entries are currently inserted in the filter on request the credit control application. |
| Displayed name | Credit Control |
| OSS name | creditControlInsertion |
| Read-only | yes |
| Tab Panel | Insertion Blocks Group Entries Inserted |
| Type | LONG |

Credit Control Count**Table 3-126 Credit Control Count**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The value specifies how many filter entries received from Credit Control can be inserted in the filter. If creditControlStartEntry is set to 0, then this object will be put to 0 as well. Any change attempts will be silently discarded in this case. |
| Displayed name | Credit Control Count |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | creditControlCount |
| Read-only | no |
| Tab Panel | Insertion Blocks Group Entry Insertion Configuration |
| Type | LONG |

Credit Control Start Entry**Table 3-127 Credit Control Start Entry**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The value specifies at what place the filter entries received from Credit Control for a particular subscriber host will be inserted in the filter. No regular entries, nor Radius provided entries can be configured in this range. |
| Displayed name | Credit Control Start Entry |
| Maximum | 65535 |
| Minimum | 0 |

Table 3-127 Credit Control Start Entry (continued)

| Name | Value |
|-------------|--|
| OSS name | creditControlStartEntry |
| Read-only | no |
| Tab Panel | Insertion Blocks Group Entry Insertion Configuration |
| Type | LONG |

Default Action**Table 3-128 Default Action**

| Name | Value |
|----------------|------------------|
| Default | yes:drop |
| Displayed name | Default Action |
| OSS name | defaultAction |
| Read-only | no |
| Tab Panel | General General |
| Type | acl.FilterAction |

Description**Table 3-129 Description**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Discovery State

Table 3-130 Discovery State

| Name | Value |
|----------------|--|
| Default | yes:notApplicable |
| Description | Only applicable to the global policy. Set to "inProgress" if the global policy is created as part of the specific NE resync during the full node resync or node discovery. At the end of full node resync, if the resync is successful, the global policy is completely updated from first discovered local policy and its discoveryState is set to "completed". Otherwise, the global policy is not updated and its discoveryState is set to "failed". For "failed" global policy, it will be updated by next successful full node resync or synchronized from the specific local policy. Set to "initialized" if the global policy is created by SNMP trap notification. User may need to synchronize the global policy manually with the specific local policy. Set to "N/A" if the global policy is created or modified by a SAM user. |
| Displayed name | Discovery State |
| OSS name | discoveryState |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DiscoveryState |

Distribution Mode

Table 3-131 Distribution Mode

| Name | Value |
|----------------|------------------------------|
| Default | yes:syncWithGlobal |
| Displayed name | Distribution Mode |
| OSS name | distributionMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DistributionMode |

Filter ID

Table 3-132 Filter ID

| Name | Value |
|-----------------------|------------|
| Default | yes:0 |
| Displayed name | Filter ID |
| Mandatory on creation | yes |
| Maximum | 4294967295 |

Table 3-132 Filter ID (continued)

| Name | Value |
|-------------|-----------------|
| Minimum | 0 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Filter Name**Table 3-133 Filter Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Filter Name |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Filter Type**Table 3-134 Filter Type**

| Name | Value |
|----------------|-----------------|
| Default | yes:none |
| Displayed name | Filter Type |
| OSS name | filterType |
| Read-only | yes |
| Tab Panel | General General |
| Type | acl.FilterType |

High Watermark

Table 3-135 High Watermark

| Name | Value |
|----------------|---|
| Default | yes:-1 |
| Description | The value specifies the number of Radius Shared Filters that can be dynamically created before an high water-mark alarm will be raised. |
| Displayed name | High Watermark |
| Maximum | 8000 |
| Minimum | -1 |
| OSS name | hostSharedHighWmark |
| Read-only | no |
| Tab Panel | Insertion Blocks Host Shared Filter Configuration |
| Type | INT |

High WaterMark

Table 3-136 High WaterMark

| Name | Value |
|----------------|--|
| Default | yes:95 |
| Description | The value specifies the utilization of the filter ranges for filter entry insertion, at which a table full alarm will be raised. |
| Displayed name | High WaterMark |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | highWaterMark |
| Read-only | no |
| Tab Panel | Insertion Blocks Group Entry Insertion Configuration |
| Type | INT |
| Units | % |

Host Shared

Table 3-137 Host Shared

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 3-137 Host Shared (continued)

| Name | Value |
|----------------|--|
| Description | The value indicates how many host common filter entries are currently inserted in the filter on request of Radius. |
| Displayed name | Host Shared |
| OSS name | hostSharedInsertion |
| Read-only | yes |
| Tab Panel | Insertion Blocks Group Entries Inserted |
| Type | LONG |

Host Shared Count**Table 3-138 Host Shared Count**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The value specifies how many host common filter entries received from Radius for subscriber hosts can be inserted in the filter. If tIPFilterHostSharedInsertPt is set to 0, then this object will be put to 0 as well. Any change attempts will be silently discarded in this case. |
| Displayed name | Host Shared Count |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | hostSharedCount |
| Read-only | no |
| Tab Panel | Insertion Blocks Group Entry Insertion Configuration |
| Type | LONG |

Host Shared Start Entry**Table 3-139 Host Shared Start Entry**

| Name | Value |
|-------------|---|
| Default | yes:0 |
| Description | The value specifies at what place the filter entries received from Radius that are shared between several hosts (host common rules) will be inserted in the filter. The area defined here will be dedicated to those entries, no other entries will be allowed. The value 0 means that no Radius provided host common filter entries can be inserted in the filter. If tIPFilterHostSharedInsertSize is set to 0, then this object will be put to 0 as well. Any change attempts will be silently discarded in this case. |

Table 3-139 Host Shared Start Entry (continued)

| Name | Value |
|----------------|--|
| Displayed name | Host Shared Start Entry |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | hostSharedStartEntry |
| Read-only | no |
| Tab Panel | Insertion Blocks Group Entry Insertion Configuration |
| Type | LONG |

Last Sync From**Table 3-140 Last Sync From**

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | Only applicable to the global policy. Set to the siteId if the policy is created as the part of the specific NE resync or by SNMP notification. Set to user name if the policy is created by a SAM user. |
| Displayed name | Last Sync From |
| Maximum | 50 |
| OSS name | origin |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | STRING |

Last Sync Time**Table 3-141 Last Sync Time**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Only applicable to the global policy. Specifies the time at which latest sync occurred. |
| Displayed name | Last Sync Time |
| OSS name | lastSyncTime |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DATE |

Location
Table 3-142 Location

| Name | Value |
|----------------|--|
| Default | yes:top |
| Description | The value specifies at what location the inserted entries must be grouped. |
| Displayed name | Location |
| OSS name | groupEntriesLocation |
| Read-only | no |
| Tab Panel | Insertion Blocks Group Entry Insertion Sorting |
| Type | INT |

Low Watermark**Table 3-143 Low Watermark**

| Name | Value |
|----------------|---|
| Default | yes:-1 |
| Description | The value specifies the number of Radius Shared Filters that are still dynamically created before an high water-mark notification is cleared by the system. |
| Displayed name | Low Watermark |
| Maximum | 8000 |
| Minimum | -1 |
| OSS name | hostSharedLowWmark |
| Read-only | no |
| Tab Panel | Insertion Blocks Host Shared Filter Configuration |
| Type | INT |

Low WaterMark**Table 3-144 Low WaterMark**

| Name | Value |
|----------------|---|
| Default | yes:90 |
| Description | The value specifies the utilization of the filter ranges for filter entry insertion, at which a table full alarm will be cleared. |
| Displayed name | Low WaterMark |
| Maximum | 100 |

Table 3-144 Low WaterMark (continued)

| Name | Value |
|-------------|--|
| Minimum | 0 |
| OSS name | lowWaterMark |
| Read-only | no |
| Tab Panel | Insertion Blocks Group Entry Insertion Configuration |
| Type | INT |
| Units | % |

MAC Filter Type

Table 3-145 MAC Filter Type

| Name | Value |
|--------------------------|---|
| Default | yes:normal |
| Description | Specifies which type of entries this MAC Filter can contain. If set to 'isid' the only accepted match criteria for the MAC Filter entries are isidLow and isidHigh. If set to 'normal', all match criteria except isidLow and isidHigh are accepted. Can only be changed if the filter is not applied and has no entries. |
| Displayed name | MAC Filter Type |
| OSS name | macFilterType |
| Read-only | no |
| Tab Panel | General General |
| Type | MacFilterType |
| Enumerated types: | |
| ISID | |
| MAC_VID | |
| Normal | |
| VID | |

NE Filter Name

Table 3-146 NE Filter Name

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the filter name set on the node. |
| Displayed name | NE Filter Name |

Table 3-146 NE Filter Name (continued)

| Name | Value |
|-------------|-----------------|
| Maximum | 64 |
| Minimum | 0 |
| OSS name | filterName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Number of Host Shared Filters**Table 3-147 Number of Host Shared Filters**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The value indicates the number of Radius Shared Filters are currently created based on this filter. |
| Displayed name | Number of Host Shared Filters |
| OSS name | hostSharedFilterCount |
| Read-only | yes |
| Tab Panel | Insertion Blocks Host Shared Filter |
| Type | INT |

Policy Scope**Table 3-148 Policy Scope**

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Displayed name | Policy Scope |
| OSS name | isLocal |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | BOOL |

Policy Type
Table 3-149 Policy Type

| Name | Value |
|----------------|-----------------|
| Default | yes:unspecified |
| Displayed name | Policy Type |
| OSS name | policyType |
| Read-only | yes |
| Tab Panel | General General |
| Type | PolicyType |

RADIUS**Table 3-150 RADIUS**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The value indicates how many filter entries are currently inserted in the filter on request the RADIUS application. |
| Displayed name | RADIUS |
| OSS name | radiusInsertion |
| Read-only | yes |
| Tab Panel | Insertion Blocks Group Entries Inserted |
| Type | LONG |

RADIUS Count**Table 3-151 RADIUS Count**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The value specifies how many filter entries received from Radius for subscriber hosts can be inserted in the filter. If radiusStartEntry is set to 0, then this object will be put to 0 as well. Any change attempts will be silently discarded in this case. |
| Displayed name | RADIUS Count |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | radiusCount |
| Read-only | no |

Table 3-151 RADIUS Count (continued)

| Name | Value |
|-------------|--|
| Tab Panel | Insertion Blocks Group Entry Insertion Configuration |
| Type | LONG |

RADIUS Start Entry**Table 3-152 RADIUS Start Entry**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The value specifies at what place the filter entries received from Radius will be inserted in the filter. No regular entries, nor Credit Control provided entries can be configured in this range. The value 0 means that no Radius provided filter entries can be inserted in the filter. If radiusCount is set to 0, then this object will be put to 0 as well. Any change attempts will be silently discarded in this case. |
| Displayed name | RADIUS Start Entry |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | radiusStartEntry |
| Read-only | no |
| Tab Panel | Insertion Blocks Group Entry Insertion Configuration |
| Type | LONG |

Result**Table 3-153 Result**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | The value indicates the success or failure of the last requested grouping request on inserted entries. |
| Displayed name | Result |
| OSS name | groupEntriesResult |
| Read-only | yes |
| Tab Panel | Insertion Blocks Group Entry Insertion Sorting |
| Type | INT |

Scope
Table 3-154 Scope

| Name | Value |
|----------------|------------------|
| Default | yes:template |
| Displayed name | Scope |
| OSS name | scope |
| Read-only | no |
| Tab Panel | General General |
| Type | policy.ItemScope |

Site ID**Table 3-155 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-156 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

valueManager:hsWmark**Table 3-157 valueManager:hsWmark**

| Name | Value |
|-------------|---|
| OSS name | valueManager:hsWmark |
| Read-only | no |
| Tab Panel | Insertion Blocks Host Shared Filter Configuration |

ACL Pattern Binding parameters

Filter ID**Table 3-158 Filter ID**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Identifier for the ACL filter the (index, pattern) pair is binding to. |
| Displayed name | Filter ID |
| Maximum | 30 |
| OSS name | filterName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Packet Match Count**Table 3-159 Packet Match Count**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Packet match counter. {BR} It is incremented whenever a packet matches the specified ACL pattern in the filter. This counter will be incremented regardless of the provisioned action on that pattern. |
| Displayed name | Packet Match Count |
| OSS name | packetMatchCount |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Pattern
Table 3-160 Pattern

| Name | Value |
|----------------|--|
| Description | Pointer to the pattern object associated with this filter. |
| Displayed name | Pattern |
| OSS name | patternPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Pattern ID**Table 3-161 Pattern ID**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The identifier of the ACL pattern being added to or removed from the specified filter. |
| Displayed name | Pattern ID |
| Maximum | 30 |
| OSS name | patternName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Pattern Index**Table 3-162 Pattern Index**

| Name | Value |
|-----------------------|--|
| Description | The values of 1 to 256 represent the insertion point for the specified pattern on the filter list. {BR} If there is already a pattern defined at the specified index, the new pattern entry will replace the previous one. |
| Displayed name | Pattern Index |
| Mandatory on creation | yes |
| Maximum | 256 |
| Minimum | 1 |
| OSS name | patternIndex |

Table 3-162 Pattern Index (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

System Default

Table 3-163 System Default

| Name | Value |
|--------------------------|--|
| Default | yes:no |
| Description | Indicates if ACL filter is added by the system or a user. {BR} Valid values are: {UL} {LI}yes - ACL filter is added by the system. {LI}no - ACL filter is added by the user. It is not allowed modify of any attributes when System Default = yes. |
| Displayed name | System Default |
| OSS name | systemDefault |
| Read-only | yes |
| Tab Panel | General General |
| Type | YesNo |
| Enumerated types: | |
| No | |
| Yes | |

ACL Pattern parameters

Action

Table 3-164 Action

| Name | Value |
|----------------|---|
| Default | yes:Block |
| Description | Action to be taken on packets matching the specified ACL pattern. {BR} Valid values are: {UL} {LI}pass - allow the packet if it matches all the pattern descriptors; {LI}block - disallow the packet if it doesn't match all the pattern descriptors. |
| Displayed name | Action |
| OSS name | action |
| Read-only | no |

Table 3-164 Action (continued)

| Name | Value |
|--------------------------|-----------------|
| Tab Panel | General General |
| Type | Action |
| Enumerated types: | |
| Accept | |
| Block | |
| Drop | |
| Pass | |
| Reject | |

Configuration Mode

Table 3-165 Configuration Mode

| Name | Value |
|----------------|------------------------------|
| Default | yes:draft |
| Displayed name | Configuration Mode |
| OSS name | configurationMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | ConfigurationMode |

Destination IP Address

Table 3-166 Destination IP Address

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | Source IP address. {BR} It can be specified explicitly to match only packets that originate from a particular address or can be used along with the DestPrefix parameter to specify a range of supported originating IP addresses. |
| Displayed name | Destination IP Address |
| OSS name | destinationIpAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Destination IP Mask Prefix
Table 3-167 Destination IP Mask Prefix

| Name | Value |
|----------------|---|
| Default | yes:0.0.0.0 |
| Description | Source IP mask prefix. {BR} It's the reverse of a subnet mask, where 0 indicates a position that must be matched and 1 indicates a position that does not matter. If the DestAddr is specified and the DestPrefix is unspecified (0.0.0.0), the originating IP address of the packet must match the DestAddr exactly. Otherwise, the pattern will allow packets whose originating IP is within the range implied by the source IP and subnet mask. This parameter is not valid unless the DestAddr is also specified. |
| Displayed name | Destination IP Mask Prefix |
| OSS name | destinationIpMaskPrefix |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Discovery State**Table 3-168 Discovery State**

| Name | Value |
|----------------|--|
| Default | yes:notApplicable |
| Description | Only applicable to the global policy. Set to "InProgress" if the global policy is created as part of the specific NE resync during the full node resync or node discovery. At the end of full node resync, if the resync is successful, the global policy is completely updated from first discovered local policy and its discoveryState is set to "completed". Otherwise, the global policy is not updated and its discoveryState is set to "failed". For "failed" global policy, it will be updated by next successful full node resync or synchronized from the specific local policy. Set to "initialized" if the global policy is created by SNMP trap notification. User may need to synchronize the global policy manually with the specific local policy. Set to "N/A" if the global policy is created or modified by a SAM user. |
| Displayed name | Discovery State |
| OSS name | discoveryState |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DiscoveryState |

Distribution Mode
Table 3-169 Distribution Mode

| Name | Value |
|----------------|------------------------------|
| Default | yes:syncWithGlobal |
| Displayed name | Distribution Mode |
| OSS name | distributionMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DistributionMode |

ICMP Code**Table 3-170 ICMP Code**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | ICMP code. {BR} It is applicable only when IP protocol is ICMP and is used along with certain ICMP types to further specify the message type. {BR} It must also specify the ICMP type when setting this parameter. {BR} If specified, the pattern will only match packets with this exact ICMP code value. |
| Displayed name | ICMP Code |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | icmpCode |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

ICMP Error Reporting Enabled**Table 3-171 ICMP Error Reporting Enabled**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | ICMP error reporting behavior for blocked packets. {BR} If no icmpError value is specified, the behavior will be determined by the system default setting. {BR} Valid values are: {UL} {LI} true - send ICMP error for blocked packets. {LI} false - do not send ICMP error for blocked packets. |
| Displayed name | ICMP Error Reporting Enabled |

Table 3-171 ICMP Error Reporting Enabled (continued)

| Name | Value |
|-------------|------------------|
| OSS name | icmpErrorEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

ICMP Type

Table 3-172 ICMP Type

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | ICMP Type identifier. {BR} It is applicable only when IP Protocol is ICMP. If specified, the pattern will match only packets with this exact ICMP type. |
| Displayed name | ICMP Type |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | icmpType |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Internet Protocol

Table 3-173 Internet Protocol

| Name | Value |
|--------------------------|-----------------------------------|
| Default | yes:47 |
| Description | IP Protocol specified by keyword. |
| Displayed name | Internet Protocol |
| OSS name | ipProtocolKeyword |
| Read-only | no |
| Tab Panel | General General Protocol |
| Type | Protocol |
| Enumerated types: | |
| ALL | |

Table 3-173 Internet Protocol (continued)

| Name | Value |
|--------|-------|
| GRE | |
| ICMP | |
| IGMP | |
| IPIP | |
| OSPF | |
| OSPFTE | |
| Others | |
| RSVP | |
| TCP | |
| UDP | |

Internet Protocol (value)**Table 3-174 Internet Protocol (value)**

| Name | Value |
|----------------|---|
| Default | yes:47 |
| Description | IP Protocol specified by explicit protocol number (0 to 255). |
| Displayed name | Internet Protocol (value) |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ipProtocol |
| Read-only | no |
| Tab Panel | General General Protocol |
| Type | INT |

IP Fragmentation**Table 3-175 IP Fragmentation**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | IP Fragmentation. {BR} True means that the filtering is done on all fragments, not just on the intital one (assuming the following ones are ok). {BR} Valid values are: {UL} {LI} true - pattern is an IP {LI} false - pattern is not an IP fragment. |
| Displayed name | IP Fragmentation |

Table 3-175 IP Fragmentation (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | ipFragmentation |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Last Sync From**Table 3-176 Last Sync From**

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | Only applicable to the global policy. Set to the siteId if the policy is created as the part of the specific NE resync or by SNMP notification. Set to user name if the policy is created by a SAM user. |
| Displayed name | Last Sync From |
| Maximum | 50 |
| OSS name | origin |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | STRING |

Last Sync Time**Table 3-177 Last Sync Time**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Only applicable to the global policy. Specifies the time at which latest sync occurred. |
| Displayed name | Last Sync Time |
| OSS name | lastSyncTime |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DATE |

Pattern ID
Table 3-178 Pattern ID

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | Pattern ID |
| Mandatory on creation | yes |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Policy Scope**Table 3-179 Policy Scope**

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Displayed name | Policy Scope |
| OSS name | isLocal |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | BOOL |

Site ID**Table 3-180 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name
Table 3-181 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Source IP Address**Table 3-182 Source IP Address**

| Name | Value |
|----------------|---|
| Default | yes:0.0.0.0 |
| Description | Source IP address. {BR} It can be specified explicitly to match only packets that originate from a particular address or can be used along with the SrcPrefix parameter to specify a range of supported originating IP addresses. |
| Displayed name | Source IP Address |
| OSS name | sourceIpAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Source IP Mask Prefix**Table 3-183 Source IP Mask Prefix**

| Name | Value |
|----------------|---|
| Default | yes:0.0.0.0 |
| Description | Source IP mask prefix. {BR} It's the reverse of a subnet mask, where 0 indicates a position that must be matched and 1 indicates a position that does not matter. If the SrcAddr is specified and the SrcPrefix is unspecified (0.0.0.0), the originating IP address of the packet must match the SrcAddr exactly. Otherwise, the pattern will allow packets whose originating IP is within the range implied by the source IP and subnet mask. This parameter is not valid unless the SrcAddr is also specified. |
| Displayed name | Source IP Mask Prefix |

Table 3-183 Source IP Mask Prefix (continued)

| Name | Value |
|-------------|--------------------|
| OSS name | sourceIpMaskPrefix |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

System Default

Table 3-184 System Default

| Name | Value |
|--------------------------|---|
| Default | yes:no |
| Description | Indicates if ACL pattern is added by the system or a user. {BR} Valid values are: {UL} {LI}yes - ACL pattern is added by the system. {LI}no - ACL pattern is added by the user. It is not allowed modify of any attributes when System Default = yes. |
| Displayed name | System Default |
| OSS name | systemDefault |
| Read-only | yes |
| Tab Panel | General General |
| Type | YesNo |
| Enumerated types: | |
| No | |
| Yes | |

TCP Established

Table 3-185 TCP Established

| Name | Value |
|----------------|---|
| Description | TCP established flag. {BR} It matches a packet depending on whether the TCP flags in the IP header correspond to the established state. {BR} It is applicable only when IP Protocol is TCP. {BR} Valid values are: {UL} {LI>true - TCP flags correspond to established state {LI>false - TCP flags do not correspond to established state |
| Displayed name | TCP Established |
| OSS name | tcpEstablished |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

TCP/UDP Destination Port
Table 3-186 TCP/UDP Destination Port

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | TCP/UDP destination port. It is applicable only when the IP Protocol is TCP or UDP. |
| Displayed name | TCP/UDP Destination Port |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | destinationPort |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

TCP/UDP Source Port**Table 3-187 TCP/UDP Source Port**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | TCP/UDP source port. It is applicable only when the IP Protocol is TCP or UDP. |
| Displayed name | TCP/UDP Source Port |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | sourcePort |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

ACLManagement parameters

ACL Configuration via SNMP Enabled

Table 3-188 ACL Configuration via SNMP Enabled

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Indicates whether or not ACL configuration is supported via SNMP. |
| Displayed name | ACL Configuration via SNMP Enabled |
| OSS name | snmpCfgEnable |
| Read-only | no |
| Tab Panel | General System Defaults |
| Type | BOOL |

Receive Action

Table 3-189 Receive Action

| Name | Value |
|--------------------------|---|
| Default | yes:Pass |
| Description | Default action to be taken on received (incoming) packets where ACL is enabled but no pattern matches or no action is explicitly defined. |
| Displayed name | Receive Action |
| OSS name | receiveAction |
| Read-only | no |
| Tab Panel | General System Defaults |
| Type | Action |
| Enumerated types: | |
| Accept | |
| Block | |
| Drop | |
| Pass | |
| Reject | |

Transmit Action
Table 3-190 Transmit Action

| Name | Value |
|--------------------------|--|
| Default | yes:Pass |
| Description | Default action to be taken on transmitted (outgoing) packets where ACL is enabled but no pattern matches or no action is explicitly defined. |
| Displayed name | Transmit Action |
| OSS name | transmitAction |
| Read-only | no |
| Tab Panel | General System Defaults |
| Type | Action |
| Enumerated types: | |
| Accept | |
| Block | |
| Drop | |
| Pass | |
| Reject | |

Alarm Profile parameters

Category
Table 3-191 Category

| Name | Value |
|--------------------------|-----------------|
| Displayed name | Category |
| Mandatory on creation | yes |
| OSS name | entityType |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapEntityType |
| Enumerated types: | |
| 100GBE | |
| 10GBE | |
| 1GBE | |
| 40GBE | |

Table 3-191 Category (continued)

| Name | Value |
|-------------|-------|
| ALL | |
| BITS | |
| CBR10G3 | |
| CBR2G5 | |
| CBRAR | |
| COM | |
| CPDPR | |
| CPLMP | |
| CPNEIGHBOR | |
| CPRSVP | |
| DBLINK | |
| DDR | |
| E1 | |
| ENV | |
| EQPT | |
| FC100 | |
| FC10G | |
| FC16G | |
| FC200 | |
| FC400 | |
| FC800 | |
| FE | |
| GMRENODE | |
| LAG | |
| LINEREF | |
| LOG | |
| LOODU | |
| LSP | |
| MEP | |
| NETIF | |
| OC12/STM4 | |
| OC192/STM64 | |
| OC3/STM1 | |

Table 3-191 Category (continued)

| Name | Value |
|---------------|-------|
| OC48/STM16 | |
| OC768/STM256 | |
| OCH | |
| ODU0 | |
| ODU0TCM | |
| ODU1 | |
| ODU1F | |
| ODU1FTCM | |
| ODU1ODU0 | |
| ODU1ODU0TCM | |
| ODU1PTF | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2EODU0 | |
| ODU2EODU0TCM | |
| ODU2EODU1 | |
| ODU2EODU1TCM | |
| ODU2EODUF | |
| ODU2EODUFTCM | |
| ODU2ETCM | |
| ODU2ODU0 | |
| ODU2ODU0TCM | |
| ODU2ODU1 | |
| ODU2ODU1TCM | |
| ODU2ODUF | |
| ODU2ODUFTCM | |
| ODU2TCM | |
| ODU3 | |
| ODU3E | |
| ODU3E2 | |
| ODU3E2ODU0 | |
| ODU3E2ODU0TCM | |

Table 3-191 Category (continued)

| Name | Value |
|----------------|-------|
| ODU3E2ODU1 | |
| ODU3E2ODU1TCM | |
| ODU3E2ODU2 | |
| ODU3E2ODU2E | |
| ODU3E2ODU2ETCM | |
| ODU3E2ODU2TCM | |
| ODU3E2ODUF | |
| ODU3E2ODUFTCM | |
| ODU3E2TCM | |
| ODU3EODU0 | |
| ODU3EODU0TCM | |
| ODU3EODU1 | |
| ODU3EODU1TCM | |
| ODU3EODU2 | |
| ODU3EODU2E | |
| ODU3EODU2ETCM | |
| ODU3EODU2TCM | |
| ODU3EODUF | |
| ODU3EODUFTCM | |
| ODU3ETCM | |
| ODU3ODU0 | |
| ODU3ODU0TCM | |
| ODU3ODU1 | |
| ODU3ODU1TCM | |
| ODU3ODU2 | |
| ODU3ODU2E | |
| ODU3ODU2ETCM | |
| ODU3ODU2TCM | |
| ODU3ODUF | |
| ODU3ODUFTCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4ODU0 | |

Table 3-191 Category (continued)

| Name | Value |
|---------------|-------|
| ODU4ODU0TCM | |
| ODU4ODU1 | |
| ODU4ODU1F | |
| ODU4ODU1FTCM | |
| ODU4ODU1TCM | |
| ODU4ODU2 | |
| ODU4ODU2E | |
| ODU4ODU2ETCM | |
| ODU4ODU2TCM | |
| ODU4ODU3 | |
| ODU4ODU3E | |
| ODU4ODU3E2 | |
| ODU4ODU3E2TCM | |
| ODU4ODU3ETCM | |
| ODU4ODU3TCM | |
| ODU4ODUF | |
| ODU4ODUFTCM | |
| ODU4TCM | |
| ODUF | |
| ODUFTCM | |
| OFA | |
| OMS | |
| OPTSG | |
| OTNFAC | |
| OTS | |
| OTU | |
| OTU0 | |
| OTU1 | |
| OTU1F | |
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E | |

Table 3-191 Category (continued)

| Name | Value |
|--------------|-------|
| OTU3E2 | |
| OTU4 | |
| OTUODU0 | |
| OTUODU0TCM | |
| OTUODU1 | |
| OTUODU1F | |
| OTUODU1TCM | |
| OTUODU2 | |
| OTUODU2E | |
| OTUODU2ETCM | |
| OTUODU2TCM | |
| OTUODU3 | |
| OTUODU3E | |
| OTUODU3E2 | |
| OTUODU3E2TCM | |
| OTUODU3ETCM | |
| OTUODU3TCM | |
| OTUODU4 | |
| OTUODU4TCM | |
| OTUODU1FTCM | |
| PLK | |
| PM | |
| PTPCLOCK | |
| PTPPORT | |
| RMD | |
| RMDCESCHNNEL | |
| RMDIF | |
| RMDIFMAU | |
| RMDMEP | |
| RMDNIM | |
| SCLOCK | |
| SDR | |
| SESSION | |

Table 3-191 Category (continued)

| Name | Value |
|------------|-------|
| SRERP | |
| SRMEP | |
| SROAMSACTL | |
| SRSAP | |
| SRSVC | |
| SYNC | |
| TELINK | |
| TIMING | |
| TOD | |
| TRU | |
| VTS | |

Condition**Table 3-192 Condition**

| Name | Value |
|--------------------------|-----------------|
| Displayed name | Condition |
| Mandatory on creation | yes |
| OSS name | condition |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCondition |
| Enumerated types: | |
| aesFipsFailure | |
| aisLM | |
| aisLmsAis | |
| aisPauAis | |
| aisTcm | |
| alienEgrLOS | |
| allChanMiss | |
| allChanMissOut | |
| almRSync | |
| almRSyncEnd | |

Table 3-192 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| ampDisabled | |
| ampEol | |
| ANNOUNCELOSS | |
| apeInProgress | |
| APRFORCED | |
| aprInvalidTopo | |
| APRLIMITED | |
| aprLine | |
| aprNode | |
| aprOsc | |
| aprSwitch | |
| aprUnavail | |
| aprUnavailOsc | |
| apsB | |
| apsCm | |
| apsMm | |
| apsNoRed | |
| arcIND | |
| asonTopo | |
| auAisP | |
| auLopP | |
| authFail | |
| autoReset | |
| autoSwTimRef | |
| autoSwTimRefT4 | |
| autoSyncSw | |
| bISd | |
| backupUnavail | |
| backwardDefectIndicationEgress | |
| BADCLKFREQ | |
| baseline | |
| bdi | |
| bdiOdu | |

Table 3-192 Condition (continued)

| Name | Value |
|--------------------|-------|
| bdiOduOut | |
| bdiTcm | |
| binsRolled | |
| bitsAIS | |
| bitsLof | |
| bitsLos | |
| bitsMAN | |
| bkupCom | |
| boardEqpt | |
| brkTrip | |
| capBufr | |
| cardBoot | |
| CARDCLKOFFFREQ | |
| cardIdRcvd | |
| cardInBoot | |
| cardInit | |
| cardInitBcm | |
| cardInitFail | |
| cardInitNonBcm | |
| cardNotAllowed | |
| cardSanity | |
| cbr10G3RxLOS | |
| cbr10G3RxLSS | |
| ccActChg | |
| cfCapacityWarning | |
| cfmAisEvnt | |
| cfmDmTestComplete | |
| cfmFltEvnt | |
| cfmLbmTestComplete | |
| cfmLmTestComplete | |
| cfmLtmTestComplete | |
| cfmSImTestComplete | |
| change | |

Table 3-192 Condition (continued)

| Name | Value |
|------------------|-------|
| channelViolation | |
| chkBkplane | |
| ckm | |
| clearAllTcas | |
| colorViolation | |
| comm | |
| commDeg | |
| commDown | |
| configFail | |
| CONFIGMM | |
| contBus | |
| contCom | |
| contComm | |
| contEqpt | |
| contEqptSplit | |
| contr | |
| contrDup | |
| contrenDgr | |
| contrenFail | |
| contrOut | |
| cpuPerformance | |
| crdInit | |
| crTca | |
| csf | |
| csfGfp | |
| CSFGFPOUT | |
| csfOduEgr | |
| csfOduOut | |
| dataErr | |
| dataFlt | |
| dbErr | |
| dbFl | |
| dbFt | |

Table 3-192 Condition (continued)

| Name | Value |
|-----------------|-------|
| dbFull | |
| dbInvalid | |
| dbMemTrf | |
| dbUnsync | |
| dcConfigFail | |
| deg | |
| degOtu | |
| degOut | |
| degTcm | |
| DELAYRESLOSS | |
| DISCOVERMOD | |
| dormantUser | |
| dwAis | |
| dwLof | |
| dwLom | |
| dwSd | |
| dwSf | |
| e1AisEgr | |
| e1AisL | |
| e1Lof | |
| e1LofEgr | |
| e1Los | |
| e1NoCrc4M | |
| e1NoCRC4MEgr | |
| e1Rai | |
| e1RaiEgr | |
| ebero | |
| egressSSF | |
| envInput1Active | |
| envInput2Active | |
| envInput3Active | |
| envInput4Active | |
| envInput5Active | |

Table 3-192 Condition (continued)

| Name | Value |
|-------------------|-------|
| envInput6Active | |
| envInput7Active | |
| envInput8Active | |
| eptUploadErr | |
| eqpt | |
| eqptCrypto | |
| eqptDgr | |
| eqptDgrMon | |
| eqptDgrOch | |
| eqptDgrOchOut | |
| eqptDgrOut | |
| eqptPort | |
| erpFwdStateChng | |
| ESCABLEMISMATCH1 | |
| ESCABLEMISMATCH10 | |
| ESCABLEMISMATCH11 | |
| ESCABLEMISMATCH12 | |
| ESCABLEMISMATCH13 | |
| ESCABLEMISMATCH14 | |
| ESCABLEMISMATCH15 | |
| ESCABLEMISMATCH16 | |
| ESCABLEMISMATCH17 | |
| ESCABLEMISMATCH18 | |
| ESCABLEMISMATCH19 | |
| ESCABLEMISMATCH2 | |
| ESCABLEMISMATCH20 | |
| ESCABLEMISMATCH21 | |
| ESCABLEMISMATCH22 | |
| ESCABLEMISMATCH23 | |
| ESCABLEMISMATCH24 | |
| ESCABLEMISMATCH3 | |
| ESCABLEMISMATCH4 | |
| ESCABLEMISMATCH5 | |

Table 3-192 Condition (continued)

| Name | Value |
|-------------------------|-------|
| ESCABLEMISMATCH6 | |
| ESCABLEMISMATCH7 | |
| ESCABLEMISMATCH8 | |
| ESCABLEMISMATCH9 | |
| escLatchFail | |
| esm | |
| ethCSF | |
| ethRingPathProvMismatch | |
| etrMismatch | |
| etrMismatchMod | |
| excessLoad | |
| excessLoss | |
| facServ | |
| facTerm | |
| facTermDev | |
| facTermDgr | |
| fan32HRqd | |
| fanSpeed | |
| fanSpeedHigh | |
| fanSpeedLow | |
| fanSpeedMan | |
| farEndLos | |
| faulty | |
| fdi | |
| fdiClt | |
| feAls | |
| feasibilityViolation | |
| fecEcSd | |
| fecFail | |
| fecUbcSd | |
| feFlt | |
| feLfi | |
| feLos | |

Table 3-192 Condition (continued)

| Name | Value |
|----------------|-------|
| feLss | |
| fePortMismatch | |
| fePrLf | |
| feRfi | |
| fipsFailure | |
| fipsSwMismatch | |
| flt | |
| fpgaFail | |
| FPGAFAILNSA | |
| fpgaInit | |
| FPGAINIT1 | |
| FPGAINIT10 | |
| FPGAINIT2 | |
| FPGAINIT3 | |
| FPGAINIT4 | |
| FPGAINIT5 | |
| FPGAINIT6 | |
| FPGAINIT7 | |
| FPGAINIT8 | |
| FPGAINIT9 | |
| FPGAINITNSA1 | |
| FPGAINITNSA10 | |
| FPGAINITNSA2 | |
| FPGAINITNSA3 | |
| FPGAINITNSA4 | |
| FPGAINITNSA5 | |
| FPGAINITNSA6 | |
| FPGAINITNSA7 | |
| FPGAINITNSA8 | |
| FPGAINITNSA9 | |
| FPGAPRELOAD | |
| fpgaTimeout | |
| FPGATIMEOUTNSA | |

Table 3-192 Condition (continued)

| Name | Value |
|---------------------|-------|
| frcdSwTimRef | |
| frcdSwTimRefT4 | |
| frcdWkSwBk | |
| frcdWkSwBkVTS1 | |
| frcdWkSwBkVTS10 | |
| frcdWkSwBkVTS2 | |
| frcdWkSwBkVTS3 | |
| frcdWkSwBkVTS4 | |
| frcdWkSwBkVTS5 | |
| frcdWkSwBkVTS6 | |
| frcdWkSwBkVTS7 | |
| frcdWkSwBkVTS8 | |
| frcdWkSwBkVTS9 | |
| frcdWkSwPr | |
| frcdWkSwPrVTS1 | |
| frcdWkSwPrVTS10 | |
| frcdWkSwPrVTS2 | |
| frcdWkSwPrVTS3 | |
| frcdWkSwPrVTS4 | |
| frcdWkSwPrVTS5 | |
| frcdWkSwPrVTS6 | |
| frcdWkSwPrVTS7 | |
| frcdWkSwPrVTS8 | |
| frcdWkSwPrVTS9 | |
| FRCRFCKSEL | |
| frngSync | |
| FTD_ENCRYPT_15MIN | |
| FTD_ENCRYPT_1DAY | |
| FWMISMATCH | |
| fwPendingObsolete | |
| fwUpgradePending | |
| fwVersionNotDefault | |
| gfpLof | |

Table 3-192 Condition (continued)

| Name | Value |
|------------------------|-------|
| GFPLOFOUT | |
| gfpSsf | |
| gfpUpm | |
| hdFail | |
| hdFull | |
| hiBer | |
| highGain | |
| hldOvrSync | |
| hpPlmP | |
| hpRdiP | |
| hpUneqP | |
| hwRevisionNotSupported | |
| igmpSnpgSrcLimitExceed | |
| imageNotReady | |
| incompatFan | |
| inhMsgPmRept | |
| init | |
| inMigration | |
| INSERTMOD | |
| int | |
| intErr | |
| intrusion | |
| intrusionEvt | |
| intSft | |
| intTemp | |
| intTempHigh | |
| intTempLow | |
| intTempOpt | |
| invalidEgress | |
| invalidThreshold | |
| invalidThresholdOms | |
| invalidThresholdOts | |
| invalidTopo | |

Table 3-192 Condition (continued)

| Name | Value |
|--------------------------|-------|
| inventoryError | |
| keyDomainErr | |
| lagDeg | |
| lagLos | |
| LAGMEMBERPORTSTATECHANGE | |
| lagPortAddFailed | |
| LAGPORTADDSUCCESS | |
| LAGSTATECHANGE | |
| lagSubGrpSelect | |
| lanLfi | |
| lanLol | |
| lanLos | |
| lanRfi | |
| lanSf | |
| laserBackFacetOptPwrTca | |
| laserCoolingCurTca | |
| laserEOL | |
| laserOffLpbk | |
| lck | |
| lckOut | |
| lckTcm | |
| ledState | |
| lfd | |
| lfiEgr | |
| linkDiversity | |
| linkDown | |
| linkoamLoopDetected | |
| linkoamNonThresh | |
| linkoamPeerChng | |
| linkUp | |
| loam | |
| lockedIndicationEgress | |
| lockoutOfPr | |

Table 3-192 Condition (continued)

| Name | Value |
|-------------------|-------|
| lockoutOfPrVTS1 | |
| lockoutOfPrVTS10 | |
| lockoutOfPrVTS2 | |
| lockoutOfPrVTS3 | |
| lockoutOfPrVTS4 | |
| lockoutOfPrVTS5 | |
| lockoutOfPrVTS6 | |
| lockoutOfPrVTS7 | |
| lockoutOfPrVTS8 | |
| lockoutOfPrVTS9 | |
| lockoutOfTimRef | |
| lockoutOfTimRefT4 | |
| lockoutToPr | |
| lof | |
| lofEgr | |
| lofLom | |
| lofLomOut | |
| lofO | |
| loGain | |
| logBuf90SecuLog | |
| logBufOvflSecuLog | |
| lol | |
| LOLA | |
| lopPauLop | |
| los | |
| losDcm | |
| losEdfa | |
| losLdSig | |
| losO | |
| losOamp | |
| losOcm | |
| losOms | |
| losOOut | |

Table 3-192 Condition (continued)

| Name | Value |
|-----------------|-------|
| losOts | |
| losOut | |
| losP | |
| losPld | |
| lossOfLock | |
| lostClock | |
| lotOut | |
| lpbkLine | |
| lpbkTerm | |
| lspFailedApe | |
| lspFailedPre | |
| lspFailedTp | |
| lspFailedUnprot | |
| lspFailedXc | |
| lsrOutDgr | |
| lss | |
| lssEgr | |
| ltcTcm | |
| man | |
| manLR | |
| manReset | |
| manSwTimRef | |
| manSwTimRefT4 | |
| manSwToInt | |
| manSwToPri | |
| manSwToSec | |
| manWkSwBk | |
| manWkSwBkVTS1 | |
| manWkSwBkVTS10 | |
| manWkSwBkVTS2 | |
| manWkSwBkVTS3 | |
| manWkSwBkVTS4 | |
| manWkSwBkVTS5 | |

Table 3-192 Condition (continued)

| Name | Value |
|-------------------|-------|
| manWkSwBkVTS6 | |
| manWkSwBkVTS7 | |
| manWkSwBkVTS8 | |
| manWkSwBkVTS9 | |
| manWkSwPr | |
| manWkSwPrVTS1 | |
| manWkSwPrVTS10 | |
| manWkSwPrVTS2 | |
| manWkSwPrVTS3 | |
| manWkSwPrVTS4 | |
| manWkSwPrVTS5 | |
| manWkSwPrVTS6 | |
| manWkSwPrVTS7 | |
| manWkSwPrVTS8 | |
| manWkSwPrVTS9 | |
| mepAIS | |
| mepError | |
| mepLoc | |
| mepMacError | |
| mepMmg | |
| mepRemote | |
| mepXcon | |
| mirrorDestDisable | |
| mirrorDestEnable | |
| mirrorSrcDisable | |
| mirrorSrcEnable | |
| mismatch | |
| mismatchFiber | |
| mismatchSfpXfp | |
| missing | |
| mixedPFUsed | |
| mjTca | |
| mnTca | |

Table 3-192 Condition (continued)

| Name | Value |
|--------------------|-------|
| mod | |
| modOutOOR | |
| msim | |
| mtcesurv | |
| mtcesurvDgr | |
| neAls | |
| neFlt | |
| neModeMismatch | |
| net | |
| netCraft | |
| neUnreachable | |
| nkm | |
| nodeDeg | |
| notUsed1 | |
| notUsed2 | |
| notUsed3 | |
| notUsed4 | |
| ntpChkSig | |
| ntpClkAdj | |
| ntpLor | |
| ntpOoSync | |
| nunvComm | |
| nunvConfig | |
| nunvIndetermined | |
| nunvReversion | |
| nunvTpBlocked | |
| nunvTransmission | |
| nvMismatch | |
| oaPumpBiasCurrHigh | |
| oaPumpTempHigh | |
| objCreated | |
| objDeleted | |
| ochCollision | |

Table 3-192 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| ochCollisionOut | |
| ochFdi | |
| ochIntErr | |
| ochKeyDup | |
| ochKeyOverlap | |
| ochKeysReused | |
| ochKeyUnavail | |
| ochMissing | |
| ochPdi | |
| ochPwrUnstable | |
| ochTrailDup | |
| ochTrailUnknown | |
| ochUnknown | |
| ochUnknownOut | |
| oci | |
| ociOut | |
| ociTcm | |
| ocsAuditFail | |
| ocsAuditSuccess | |
| ocsDataFlt | |
| ocsDataRtrv | |
| ocsUnavail | |
| ocsUplinkDeleted | |
| oduAis | |
| oduAisEgress | |
| oduAisOut | |
| omsSSF | |
| openConnectionIndicationEgress | |
| opr | |
| oprIngress | |
| oprLossHigh | |
| oprLossLow | |
| oprOOR | |

Table 3-192 Condition (continued)

| Name | Value |
|---------------------------|-------|
| oprOut | |
| oprPwrHigh | |
| oprPwrLow | |
| oprTx | |
| oprUnachieve | |
| opticalParamErr | |
| OPTICALTEST | |
| optIntBase | |
| optIntDet | |
| optIntSusp | |
| oscSsf | |
| OSNRMESC | |
| ospfAdj | |
| OTDRSCANFAIL | |
| OTDRSCANSUCCESS | |
| otmcpf | |
| otuAis | |
| ovrld | |
| PACKETCARDINIT | |
| payloadTypeMismatchEgress | |
| pcsGeneratorActive | |
| pdi | |
| pdiPauPdi | |
| PGFPGAFAIL1 | |
| PGFPGAFAIL2 | |
| PGFPGAFAIL3 | |
| PGFPGAFAIL4 | |
| PGFPGAFAIL5 | |
| PGFPGAINIT1 | |
| PGFPGAINIT2 | |
| PGFPGAINIT3 | |
| PGFPGAINIT4 | |
| PGFPGAINIT5 | |

Table 3-192 Condition (continued)

| Name | Value |
|-----------------|-------|
| plm | |
| plmOduOut | |
| plmPauPlm | |
| ppsLos | |
| preDrErr | |
| preDrErrOut | |
| preDrErrTopo | |
| preDrErrTopoOut | |
| PTPFREERUN | |
| PTPGMDEGRADE | |
| PTPGMSWITCH | |
| PTPPATHSWITCH | |
| PTPPORTSWITCH | |
| PTPREFLOSS | |
| PTPREFUNSTABLE | |
| pwr | |
| pwrAdjComms | |
| pwrAdjFail | |
| pwrAdjFailAdd | |
| pwrAdjFailDrp | |
| pwrAdjReq | |
| pwrAdjReqAdd | |
| pwrAdjReqDrp | |
| pwrAlmp | |
| pwrEdfaMargin | |
| pwrFan | |
| pwrMargin | |
| pwrMaxGain | |
| pwrMgtOff | |
| pwrSusp | |
| pwrSuspOut | |
| pwrTiltParams | |
| pwrTiltSusp | |

Table 3-192 Condition (continued)

| Name | Value |
|----------------------|-------|
| pwrUnbalance | |
| pwrUnbalanceOms | |
| ramanSup | |
| rcvrOptProg | |
| rdi | |
| rdiL | |
| readyToRevert | |
| REMOVEMOD | |
| replUnitMiss | |
| replUnitMissMOD | |
| reRouted | |
| restorationDisabled | |
| rfi | |
| rfiEgr | |
| rfiLmsRfi | |
| rfiPauRfi | |
| rmdCesChannelLPL | |
| rmdCesChannelNoTdmPl | |
| rmdCesChannelRPL | |
| rmdDiscoveredDevice | |
| rmdDNR | |
| rmdEQF | |
| rmdIfEFMLOP | |
| rmdIfLOS | |
| rmdIfMauANM | |
| rmdIfMauEQF | |
| rmdIfMauLOS | |
| rmdIfMauUNI | |
| rmdIfMauWUP | |
| rmdJbRecentered | |
| rmdMepLOC | |
| rmdMepMMG | |
| rmdMepRDI | |

Table 3-192 Condition (continued)

| Name | Value |
|---------------------------|-------|
| rmdMepUNL | |
| rmdMepUNM | |
| rmdMepUNP | |
| rmdNDF | |
| rmdNimLOF | |
| rmdPWR | |
| rmdTypeMismatch | |
| rmdUnknownEcid | |
| rmdWDP | |
| rmdWrongDestMac | |
| routeNotPossible | |
| sapOperDown | |
| sapStateChng | |
| sapTlsMacAddrLimitAlarm | |
| sd | |
| sdegO | |
| seepScrub | |
| serverSignalFailureEgress | |
| sf | |
| sfMismatch | |
| sfpEOL | |
| sfpReceiverPwrOOR | |
| sfpTempOOR | |
| sfpTrmtPwrOOR | |
| sft | |
| SHELFINCON | |
| shelfInVoltHigh | |
| shelfInVoltLow | |
| SHELFINVOLTMAXCUR | |
| signalDegradeEgress | |
| SLCBOOTCONTCOM | |
| SLCCARDINIT | |
| SLCCLKSYNC | |

Table 3-192 Condition (continued)

| Name | Value |
|------------------------|-------|
| SLCCONTCOM | |
| SLCDATAFLT | |
| SLCEQPTBOOT | |
| SLCMISMATCH | |
| SLCNOTINSERVICE | |
| slcr | |
| sltmSig | |
| SPIREADERROR | |
| spLoAdjFail | |
| srgDiversity | |
| srTca | |
| ssf | |
| ssfClEgr | |
| ssfOdu | |
| ssfOduOut | |
| ssfOduTp | |
| ssfOtu | |
| SSFSECTION | |
| SSFSECTIONOUT | |
| ssfTcm | |
| subNodeUnreachable | |
| SUSPECTCLKFREQ | |
| svcOperDown | |
| svcStateChng | |
| svcTlsFwdTblFullAlarm | |
| svcTlsMfibTblFullAlarm | |
| swEqpt | |
| swftDwn | |
| swMtxMod | |
| swToSec | |
| swUpgCommit | |
| swUpgFail | |
| swUpgrade | |

Table 3-192 Condition (continued)

| Name | Value |
|-----------------------|-------|
| sync | |
| syncActRef | |
| syncClk | |
| syncClkFail | |
| syncClkFrng | |
| syncClkHldovr | |
| syncClkMode | |
| syncClkUnit | |
| syncCommand | |
| syncEqpt | |
| syncIfTimingHoldover | |
| syncIfTimingRef1Alarm | |
| syncIfTimingRef2Alarm | |
| SYNCLOSS | |
| syncMode | |
| syncOos | |
| syncOosT4 | |
| syncRefFail | |
| syncRefUnEq | |
| syncStatChng | |
| syncSys | |
| syncSysOos | |
| syncT4Out | |
| sysBoot | |
| sysInit | |
| systemReady | |
| tBbeMs15Min | |
| tBbeMs1Day | |
| tBbeOdu15Min | |
| tBbeOdu15MinOut | |
| tBbeOdu1Day | |
| tBbeOdu1DayOut | |
| tBbeOtu15Min | |

Table 3-192 Condition (continued)

| Name | Value |
|------------------|-------|
| tBbeOtu1Day | |
| tBbeP15Min | |
| tBbeP1Day | |
| tBbePt15Min | |
| tBbePt1Day | |
| tBbeRs15Min | |
| tBbeRs1Day | |
| tBbeRst15Min | |
| tBbeRst1Day | |
| tBbeTcm15Min | |
| tBbeTcm1Day | |
| tBerPostFec15min | |
| tBerPostFec1day | |
| tBerPreFec15min | |
| tBerPreFec1day | |
| tBiaesOtu15Min | |
| tBiaesOtu1Day | |
| tBiaesTcm15Min | |
| tBiaesTcm1Day | |
| tcmAis | |
| tCv15Min | |
| tCv1Day | |
| tCvPcs15Min | |
| tCvPcs1Day | |
| tCvPcst15Min | |
| tCvPcst1Day | |
| tCvs15Min | |
| tCvs1Day | |
| tCvst15Min | |
| tCvst1Day | |
| termOc192stm64 | |
| termOc312stm14 | |
| termOc48stm16 | |

Table 3-192 Condition (continued)

| Name | Value |
|----------------|-------|
| termOtu1 | |
| termOtu2 | |
| tEs15Min | |
| tEs1Day | |
| tEsL15Min | |
| tEsL1Day | |
| tEsMs15Min | |
| tEsMs1Day | |
| tEsOdu15Min | |
| tEsOdu15MinOut | |
| tEsOdu1Day | |
| tEsOdu1DayOut | |
| tEsOtu15Min | |
| tEsOtu1Day | |
| tEsP15Min | |
| tEsP1Day | |
| tEsPcs15Min | |
| tEsPcs1Day | |
| tEsPcst15Min | |
| tEsPcst1Day | |
| tEsPt15Min | |
| tEsPt1Day | |
| tEsRs15Min | |
| tEsRs1Day | |
| tEsRst15Min | |
| tEsRst1Day | |
| tEss15Min | |
| tEss1Day | |
| tEsst15Min | |
| tEsst1Day | |
| tEsTcm15Min | |
| tEsTcm1Day | |
| testMode | |

Table 3-192 Condition (continued)

| Name | Value |
|-------------------|-------|
| tEthpkter15Min | |
| tEthpkter1Day | |
| tEthpktert15Min | |
| tEthpktert1Day | |
| tFebbeMs15Min | |
| tFebbeMs1Day | |
| tFebbeOdu15Min | |
| tFeBbeOdu15MinOut | |
| tFebbeOdu1Day | |
| tFeBbeOdu1DayOut | |
| tFebbeOtu15Min | |
| tFebbeOtu1Day | |
| tFebbeTcm15Min | |
| tFebbeTcm1Day | |
| tFecc15Min | |
| tFecc1Day | |
| tFecUbc15Min | |
| tFecUbc1Day | |
| tFecUbu15Min | |
| tFecUbu1Day | |
| tFeesMs15Min | |
| tFeesMs1Day | |
| tFeesOdu15Min | |
| tFeEsOdu15MinOut | |
| tFeesOdu1Day | |
| tFeEsOdu1DayOut | |
| tFeesOtu15Min | |
| tFeesOtu1Day | |
| tFeesTcm15Min | |
| tFeesTcm1Day | |
| tFesesMs15Min | |
| tFesesMs1Day | |
| tFesesOdu15Min | |

Table 3-192 Condition (continued)

| Name | Value |
|-------------------|-------|
| tFeSesOdu15MinOut | |
| tFesesOdu1Day | |
| tFeSesOdu1DayOut | |
| tFesesOtu15Min | |
| tFesesOtu1Day | |
| tFesesTcm15Min | |
| tFesesTcm1Day | |
| tFeuasMs15Min | |
| tFeuasMs1Day | |
| tFeuasOdu15Min | |
| tFeUasOdu15MinOut | |
| tFeuasOdu1Day | |
| tFeUasOdu1DayOut | |
| tFeuasOtu15Min | |
| tFeuasOtu1Day | |
| tFeuasTcm15Min | |
| tFeuasTcm1Day | |
| tIaesOtu15Min | |
| tIaesOtu1Day | |
| tIaesTcm15Min | |
| tIaesTcm1Day | |
| tim | |
| timOdu | |
| timOduOut | |
| timTcm | |
| toDDEG | |
| toDLOS | |
| TODREFUNSTABLE | |
| tOprh15Min | |
| tOprh1Day | |
| tOprhLane1 | |
| tOprhLane10 | |
| tOprhLane2 | |

Table 3-192 Condition (continued)

| Name | Value |
|-------------|-------|
| tOprhLane3 | |
| tOprhLane4 | |
| tOprhLane5 | |
| tOprhLane6 | |
| tOprhLane7 | |
| tOprhLane8 | |
| tOprhLane9 | |
| tOprl15Min | |
| tOprl1Day | |
| tOprlLane1 | |
| tOprlLane10 | |
| tOprlLane2 | |
| tOprlLane3 | |
| tOprlLane4 | |
| tOprlLane5 | |
| tOprlLane6 | |
| tOprlLane7 | |
| tOprlLane8 | |
| tOprlLane9 | |
| tOph15Min | |
| tOph1Day | |
| tOphLane1 | |
| tOphLane10 | |
| tOphLane2 | |
| tOphLane3 | |
| tOphLane4 | |
| tOphLane5 | |
| tOphLane6 | |
| tOphLane7 | |
| tOphLane8 | |
| tOphLane9 | |
| tOptl15Min | |
| tOptl1Day | |

Table 3-192 Condition (continued)

| Name | Value |
|-------------------|-------|
| tOptiLane1 | |
| tOptiLane10 | |
| tOptiLane2 | |
| tOptiLane3 | |
| tOptiLane4 | |
| tOptiLane5 | |
| tOptiLane6 | |
| tOptiLane7 | |
| tOptiLane8 | |
| tOptiLane9 | |
| tPmonDmaBfd15Min | |
| tPmonDmaBfd1Day | |
| tPmonDmaffd15Min | |
| tPmonDmaffd1Day | |
| tPmonDmafFdv15Min | |
| tPmonDmafFdv1Day | |
| tPmonDmanfd15Min | |
| tPmonDmanfd1Day | |
| tPmonDmanFdv15Min | |
| tPmonDmanFdv1Day | |
| tPmonDmxBfd15Min | |
| tPmonDmxBfd1Day | |
| tPmonDmxffd15Min | |
| tPmonDmxffd1Day | |
| tPmonDmxFdv15Min | |
| tPmonDmxFdv1Day | |
| tPmonDmxnfd15Min | |
| tPmonDmxnfd1Day | |
| tPmonDmxnFdv15Min | |
| tPmonDmxnFdv1Day | |
| tPmonLmafflr15Min | |
| tPmonLmafflr1Day | |
| tPmonLmanflr15Min | |

Table 3-192 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonLmanflr1Day | |
| tPmonLmfhli15Min | |
| tPmonLmfhli1Day | |
| tPmonLmnhli15Min | |
| tPmonLmnhli1Day | |
| tPmonLmxfflr15Min | |
| tPmonLmxfflr1Day | |
| tPmonLmxnflr15Min | |
| tPmonLmxnflr1Day | |
| tPmonPortHighCapacityOctets15Min | |
| tPmonPortHighCapacityOctets1Day | |
| tPmonPortHighCapacityPkts15Min | |
| tPmonPortHighCapacityPkts1Day | |
| tPmonPortIfInDiscards15Min | |
| tPmonPortIfInDiscards1Day | |
| tPmonPortIfInErrors15Min | |
| tPmonPortIfInErrors1Day | |
| tPmonPortIfInOctets15Min | |
| tPmonPortIfInOctets1Day | |
| tPmonPortIfInPackets | |
| tPmonPortIfInPackets15Min | |
| tPmonPortIfOutDiscards15Min | |
| tPmonPortIfOutDiscards1Day | |
| tPmonPortIfOutErrors15Min | |
| tPmonPortIfOutErrors1Day | |
| tPmonPortIfOutOctets15Min | |
| tPmonPortIfOutOctets1Day | |
| tPmonPortIfOutPackets15Min | |
| tPmonPortIfOutPackets1Day | |
| tPmonPortQueue1OctetsDropped15Min | |
| tPmonPortQueue1OctetsDropped1Day | |
| tPmonPortQueue1PktsDropped15Min | |
| tPmonPortQueue1PktsDropped1Day | |

Table 3-192 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortQueue2OctetsDropped15Min | |
| tPmonPortQueue2OctetsDropped1Day | |
| tPmonPortQueue2PktsDropped15Min | |
| tPmonPortQueue2PktsDropped1Day | |
| tPmonPortQueue3OctetsDropped15Min | |
| tPmonPortQueue3OctetsDropped1Day | |
| tPmonPortQueue3PktsDropped15Min | |
| tPmonPortQueue3PktsDropped1Day | |
| tPmonPortQueue4OctetsDropped15Min | |
| tPmonPortQueue4OctetsDropped1Day | |
| tPmonPortQueue4PktsDropped15Min | |
| tPmonPortQueue4PktsDropped1Day | |
| tPmonPortQueue5OctetsDropped15Min | |
| tPmonPortQueue5OctetsDropped1Day | |
| tPmonPortQueue5PktsDropped15Min | |
| tPmonPortQueue5PktsDropped1Day | |
| tPmonPortQueue6OctetsDropped15Min | |
| tPmonPortQueue6OctetsDropped1Day | |
| tPmonPortQueue6PktsDropped15Min | |
| tPmonPortQueue6PktsDropped1Day | |
| tPmonPortQueue7OctetsDropped15Min | |
| tPmonPortQueue7OctetsDropped1Day | |
| tPmonPortQueue7PktsDropped15Min | |
| tPmonPortQueue7PktsDropped1Day | |
| tPmonPortQueue8OctetsDropped15Min | |
| tPmonPortQueue8OctetsDropped1Day | |
| tPmonPortQueue8PktsDropped15Min | |
| tPmonPortQueue8PktsDropped1Day | |
| tPmonSapIngressOctetsDropped15Min | |
| tPmonSapIngressOctetsDropped1Day | |
| tPmonSapIngressPktsDropped15Min | |
| tPmonSapIngressPktsDropped1Day | |
| tPmonSlmafflr15Min | |

Table 3-192 Condition (continued)

| Name | Value |
|------------------------------------|-------|
| tPmonSlmafFlr1Day | |
| tPmonSlmafflrContinuous | |
| tPmonSlmanflr15Min | |
| tPmonSlmanFlr1Day | |
| tPmonSlmanflrContinuous | |
| tPmonSlmfhli15Min | |
| tPmonSlmfhli1Day | |
| tPmonSlmfhliContinuous | |
| tPmonSlmnhli15Min | |
| tPmonSlmnhli1Day | |
| tPmonSlmnhliContinuous | |
| tPmonSlmxfFlr1Day | |
| tPmonSlmxfflrContinuous | |
| tPmonSlmxnFlr1Day | |
| tPmonSlmxnflrContinuous | |
| tPostFec15Min | |
| tPostFec1Day | |
| tPreFec15Min | |
| tPreFec1Day | |
| trailTraceIdentifierMismatchEgress | |
| transferLogFL | |
| transferLogFT | |
| transferLogIP | |
| trmt | |
| trmtMOD | |
| TRUBRKROPEN | |
| tSefs15Min | |
| tSefs1Day | |
| tSefsPcs15Min | |
| tSefsPcs1Day | |
| tSefsPcst15Min | |
| tSefsPcst1Day | |
| tSefss15Min | |

Table 3-192 Condition (continued)

| Name | Value |
|-----------------|-------|
| tSefss1Day | |
| tSefsst15Min | |
| tSefsst1Day | |
| tSes15Min | |
| tSes1Day | |
| tSesL15Min | |
| tSesL1Day | |
| tSesMs15Min | |
| tSesMs1Day | |
| tSesOdu15Min | |
| tSesOdu15MinOut | |
| tSesOdu1Day | |
| tSesOdu1DayOut | |
| tSesOtu15Min | |
| tSesOtu1Day | |
| tSesP15Min | |
| tSesP1Day | |
| tSesPcs15Min | |
| tSesPcs1Day | |
| tSesPcst15Min | |
| tSesPcst1Day | |
| tSesPt15Min | |
| tSesPt1Day | |
| tSesRs15Min | |
| tSesRs1Day | |
| tSesRst15Min | |
| tSesRst1Day | |
| tSess15Min | |
| tSess1Day | |
| tSesst15Min | |
| tSesst1Day | |
| tSesTcm15Min | |
| tSesTcm1Day | |

Table 3-192 Condition (continued)

| Name | Value |
|-----------------|-------|
| tsMismatch | |
| tsMismatchOut | |
| tUasMs15Min | |
| tUasMs1Day | |
| tUasOdu15Min | |
| tUasOdu15MinOut | |
| tUasOdu1Day | |
| tUasOdu1DayOut | |
| tUasOtu15Min | |
| tUasOtu1Day | |
| tUasP15Min | |
| tUasP1Day | |
| tUasPt15Min | |
| tUasPt1Day | |
| tUasRs15Min | |
| tUasRs1Day | |
| tUasRst15Min | |
| tUasRst1Day | |
| tUasTcm15Min | |
| tUasTcm1Day | |
| unexWkSet | |
| unknown | |
| unknownNotif | |
| unknownSfpXfp | |
| unL | |
| unM | |
| unMOrUnP | |
| unP | |
| unPr | |
| upm | |
| uruOchLos | |
| uruOmsRx | |
| uruOmsTx | |

Table 3-192 Condition (continued)

| Name | Value |
|------------------|-------|
| uruOtsLos | |
| uruOtsRx | |
| uruOtsTx | |
| uruOtu | |
| uruS | |
| usAis | |
| usAls | |
| userEqptMismatch | |
| usFlt | |
| usIdle | |
| usLos | |
| usOchCollision | |
| usSFEber | |
| vcgDown | |
| vcgLoa | |
| vcgMap | |
| vcgSsf | |
| vcMfi | |
| voltage | |
| voltageHigh | |
| voltageLow | |
| vtsConnCreation | |
| vtsFdi | |
| vtsFdi1 | |
| vtsFdi10 | |
| vtsFdi11 | |
| vtsFdi12 | |
| vtsFdi13 | |
| vtsFdi14 | |
| vtsFdi15 | |
| vtsFdi16 | |
| vtsFdi17 | |
| vtsFdi18 | |

Table 3-192 Condition (continued)

| Name | Value |
|----------|-------|
| vtsFdi19 | |
| vtsFdi2 | |
| vtsFdi20 | |
| vtsFdi21 | |
| vtsFdi22 | |
| vtsFdi23 | |
| vtsFdi24 | |
| vtsFdi25 | |
| vtsFdi26 | |
| vtsFdi27 | |
| vtsFdi28 | |
| vtsFdi29 | |
| vtsFdi3 | |
| vtsFdi30 | |
| vtsFdi31 | |
| vtsFdi32 | |
| vtsFdi4 | |
| vtsFdi5 | |
| vtsFdi6 | |
| vtsFdi7 | |
| vtsFdi8 | |
| vtsFdi9 | |
| vtsOci | |
| vtsOci1 | |
| vtsOci10 | |
| vtsOci11 | |
| vtsOci12 | |
| vtsOci13 | |
| vtsOci14 | |
| vtsOci15 | |
| vtsOci16 | |
| vtsOci17 | |
| vtsOci18 | |

Table 3-192 Condition (continued)

| Name | Value |
|-------------|-------|
| vtsOci19 | |
| vtsOci2 | |
| vtsOci20 | |
| vtsOci21 | |
| vtsOci22 | |
| vtsOci23 | |
| vtsOci24 | |
| vtsOci25 | |
| vtsOci26 | |
| vtsOci27 | |
| vtsOci28 | |
| vtsOci29 | |
| vtsOci3 | |
| vtsOci30 | |
| vtsOci31 | |
| vtsOci32 | |
| vtsOci4 | |
| vtsOci5 | |
| vtsOci6 | |
| vtsOci7 | |
| vtsOci8 | |
| vtsOci9 | |
| warnTca | |
| wkSwBk | |
| wkSwPr | |
| wkSwPrVTS1 | |
| wkSwPrVTS10 | |
| wkSwPrVTS2 | |
| wkSwPrVTS3 | |
| wkSwPrVTS4 | |
| wkSwPrVTS5 | |
| wkSwPrVTS6 | |
| wkSwPrVTS7 | |

Table 3-192 Condition (continued)

| Name | Value |
|-------------------|-------|
| wkSwPrVTS8 | |
| wkSwPrVTS9 | |
| wtocmaPoutRanOsnr | |
| wtr | |

Configuration Mode

Table 3-193 Configuration Mode

| Name | Value |
|----------------|------------------------------|
| Default | yes:draft |
| Displayed name | Configuration Mode |
| OSS name | configurationMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | ConfigurationMode |

Default Severity

Table 3-194 Default Severity

| Name | Value |
|--------------------------|-----------------------|
| Description | The default category. |
| Displayed name | Default Severity |
| Mandatory on creation | yes |
| OSS name | defaultSeverity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |

Table 3-194 Default Severity (continued)

| Name | Value |
|--------------|-------|
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

Description

Table 3-195 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Direction

Table 3-196 Direction

| Name | Value |
|--------------------------|--|
| Description | The direction to which the new category will be applied. |
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General General |
| Type | AlarmCategoryDirection |
| Enumerated types: | |

Table 3-196 Direction (continued)

| Name | Value |
|------|-------|
| None | |
| RX | |
| TX | |

Discovery State**Table 3-197 Discovery State**

| Name | Value |
|----------------|--|
| Default | yes:notApplicable |
| Description | Only applicable to the global policy. Set to "InProgress" if the global policy is created as part of the specific NE resync during the full node resync or node discovery. At the end of full node resync, if the resync is successful, the global policy is completely updated from first discovered local policy and its discoveryState is set to "completed". Otherwise, the global policy is not updated and its discoveryState is set to "failed". For "failed" global policy, it will be updated by next successful full node resync or synchronized from the specific local policy. Set to "initialized" if the global policy is created by SNMP trap notification. User may need to synchronize the global policy manually with the specific local policy. Set to "N/A" if the global policy is created or modified by a SAM user. |
| Displayed name | Discovery State |
| OSS name | discoveryState |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DiscoveryState |

Distribution Mode**Table 3-198 Distribution Mode**

| Name | Value |
|----------------|------------------------------|
| Default | yes:syncWithGlobal |
| Displayed name | Distribution Mode |
| OSS name | distributionMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DistributionMode |

Last Sync From

Table 3-199 Last Sync From

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | Only applicable to the global policy. Set to the siteId if the policy is created as the part of the specific NE resync or by SNMP notification. Set to user name if the policy is created by a SAM user. |
| Displayed name | Last Sync From |
| Maximum | 50 |
| OSS name | origin |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | STRING |

Last Sync Time

Table 3-200 Last Sync Time

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Only applicable to the global policy. Specifies the time at which latest sync occurred. |
| Displayed name | Last Sync Time |
| OSS name | lastSyncTime |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DATE |

Override Severity

Table 3-201 Override Severity

| Name | Value |
|----------------|-------------------|
| Default | yes:none |
| Description | The category. |
| Displayed name | Override Severity |
| OSS name | severity |
| Read-only | no |

Table 3-201 Override Severity (continued)

| Name | Value |
|--------------------------|-----------------|
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

Policy Scope**Table 3-202 Policy Scope**

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Displayed name | Policy Scope |
| OSS name | isLocal |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | BOOL |

Site ID**Table 3-203 Site ID**

| Name | Value |
|----------------|-------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |

Table 3-203 Site ID (continued)

| Name | Value |
|-------------|--------------|
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name

Table 3-204 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

APS Group parameters

Active Conditions

Table 3-205 Active Conditions

| Name | Value |
|--------------------------|--|
| Description | The status of the APS group. Corresponds tnApsGroupCurrentStatus in the MIB. |
| Displayed name | Active Conditions |
| OSS name | currentStatus |
| Read-only | no |
| Tab Panel | APS Group Protection Management |
| Type | ApsCurrentStatusBits |
| Enumerated types: | |
| Channel Mismatch | |
| Extra Traffic | |

Table 3-205 Active Conditions (continued)

| Name | Value |
|---------------------------------|-------|
| Far-End Protection-Line Failure | |
| Mode Mismatch | |
| Protection Switch Byte Failure | |

APS Group ID**Table 3-206 APS Group ID**

| Name | Value |
|-----------------------|---|
| Default | yes:0 |
| Description | The id of the APS group obtained from the node, corresponding to the MIB. |
| Displayed name | APS Group ID |
| Mandatory on creation | yes |
| OSS name | groupId |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | LONG |

APS Protection Mode**Table 3-207 APS Protection Mode**

| Name | Value |
|--------------------------|---------------------------------------|
| Default | yes:onePlusOne |
| Description | Indicates the type of APS protection. |
| Displayed name | APS Protection Mode |
| OSS name | protectionMode |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | ApsMode |
| Enumerated types: | |
| 1 for 1 | |
| Diverse Route | |
| ESNCP | |
| OPS | |

Table 3-207 APS Protection Mode (continued)

| Name | Value |
|------------------|-------|
| Optical Splitter | |
| SNCI | |
| SNCN | |
| SNCNC | |
| Unprotected | |

Card Sub Type

Table 3-208 Card Sub Type

| Name | Value |
|----------------|--|
| Default | yes:pss_aluWdmOpsaCard |
| Description | The subtype of the card on which the APS group is created. |
| Displayed name | Card Sub Type |
| OSS name | cardSubType |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | equipment.CardSubType |

Channel

Table 3-209 Channel

| Name | Value |
|----------------|---|
| Description | This Value is deduced from members value. |
| Displayed name | Channel |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | clientChannel |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | INT |

Client ODUk Facility
Table 3-210 Client ODUk Facility

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | ODUK (TO) entity within the SNCP. {BR} If the client is the ODUPool the value should be empty, otherwise it should be the pointer to the client facility. |
| Displayed name | Client ODUk Facility |
| OSS name | clientFacilityPointer |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | POINTER |

Connection Direction**Table 3-211 Connection Direction**

| Name | Value |
|--------------------------|---|
| Default | yes:notapplicable |
| Description | It indicates the connection direction of the APS group. |
| Displayed name | Connection Direction |
| OSS name | xcDirection |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | ApsXcDirection |
| Enumerated types: | |
| | Bidirectional |
| | N/A |
| | Unidirectional |

Description**Table 3-212 Description**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes: |
| Description | The description of the APS group. |
| Displayed name | Description |

Table 3-212 Description (continued)

| Name | Value |
|-------------|-------------------|
| Maximum | 50 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | STRING |

Holdoff Time**Table 3-213 Holdoff Time**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Hold off Time in milliseconds for automatic switching. Current configurable range:0 to 100000. |
| Displayed name | Holdoff Time |
| Maximum | 10000 |
| Minimum | 0 |
| OSS name | holdOffTimer |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | INT |
| Units | milliseconds |

Local**Table 3-214 Local**

| Name | Value |
|----------------|--|
| Description | Corresponds to the local status mapped from tnOthOdukApsMemberCurrentStatus for the protection port. |
| Displayed name | Local |
| OSS name | protectionPortLocalStatus |
| Read-only | no |
| Tab Panel | APS Group Protection Port Status |
| Type | ApsMemberStatus |

Table 3-214 Local (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Active | |
| Standby | |
| Unknown | |

Local**Table 3-215 Local**

| Name | Value |
|--------------------------|---|
| Description | Corresponds to the local status mapped from tnOthOdukApsMemberCurrentStatus for the working port. |
| Displayed name | Local |
| OSS name | workingPortLocalStatus |
| Read-only | no |
| Tab Panel | APS Group Working Port Status |
| Type | ApsMemberStatus |
| Enumerated types: | |
| Active | |
| Standby | |
| Unknown | |

ODU1 PTF**Table 3-216 ODU1 PTF**

| Name | Value |
|-----------------------|-------------------------|
| Default | yes: |
| Description | Working Lo-oduK channel |
| Displayed name | ODU1 PTF |
| Mandatory on creation | yes |
| OSS name | clientCtp |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | POINTER |

ODUk Protected Interface Type
Table 3-217 ODUk Protected Interface Type

| Name | Value |
|--------------------------|--|
| Default | yes:NA |
| Description | The value is to determining whether 11dpm12 has the aps group with Client Port or ODU1PTF1 |
| Displayed name | ODUk Protected Interface Type |
| Mandatory on creation | yes |
| OSS name | endPointInterfaceType |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | EndPointInterfaceType |
| Enumerated types: | |
| Client Port | |
| N/A | |
| ODU1PTF | |

Port**Table 3-218 Port**

| Name | Value |
|-----------------------|-----------------------------------|
| Default | yes: |
| Description | Client port FDN of the APS group. |
| Displayed name | Port |
| Mandatory on creation | yes |
| OSS name | clientPort |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | POINTER |

Protection Method**Table 3-219 Protection Method**

| Name | Value |
|---------|-------------------|
| Default | yes:notapplicable |

Table 3-219 Protection Method (continued)

| Name | Value |
|--------------------------|--|
| Description | The protection method of the working leg. Default is pnim for snen and snenc, and padapt for sncl. |
| Displayed name | Protection Method |
| OSS name | apsGroupMethod |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | ApsGroupMethod |
| Enumerated types: | |
| N/A | |
| P-ADAPT | |
| PNIM | |
| TCM 1 | |
| TCM 2 | |
| TCM 3 | |
| TCM 4 | |
| TCM 5 | |
| TCM 6 | |

Protection ODUk facility**Table 3-220 Protection ODUk facility**

| Name | Value |
|-----------------------|---------------------------------------|
| Default | yes: |
| Description | ODUk (FROMED) entity within the SNCP. |
| Displayed name | Protection ODUk facility |
| Mandatory on creation | yes |
| OSS name | protectionFacilityPointer |
| Read-only | no |
| Tab Panel | APS Group Protection |
| Type | POINTER |

Protection Port
Table 3-221 Protection Port

| Name | Value |
|-----------------------|---------------------------------------|
| Default | yes: |
| Description | Protection port FDN of the APS group. |
| Displayed name | Protection Port |
| Mandatory on creation | yes |
| OSS name | protectionPort |
| Read-only | no |
| Tab Panel | APS Group Protection |
| Type | POINTER |

Protection Switch**Table 3-222 Protection Switch**

| Name | Value |
|-----------------------------|--|
| Default | yes:noCmd |
| Description | This value is used to perform a protection switch on the working/protection APS Member |
| Displayed name | Protection Switch |
| OSS name | protectionSwitch |
| Read-only | no |
| Tab Panel | APS Group Protection Management |
| Type | ApsMemberSwitch |
| Enumerated types: | |
| Clear | |
| Exercise | |
| Forced Switch To Protection | |
| Forced Switch To Working | |
| Manual Switch To Protection | |
| Manual Switch To Working | |
| No Cmd | |
| Protection Lockout | |

Protection VTS
Table 3-223 Protection VTS

| Name | Value |
|----------------|---|
| Description | This Value is deduced from members value. |
| Displayed name | Protection VTS |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | protectionChannel |
| Read-only | no |
| Tab Panel | APS Group Protection |
| Type | INT |

Remote**Table 3-224 Remote**

| Name | Value |
|--------------------------|---|
| Description | Corresponds to the remote status mapped from tnOthOdukApsMemberCurrentStatus for the protection port. |
| Displayed name | Remote |
| OSS name | protectionPortRemoteStatus |
| Read-only | no |
| Tab Panel | APS Group Protection Port Status |
| Type | ApsMemberStatus |
| Enumerated types: | |
| Active | |
| Standby | |
| Unknown | |

Remote**Table 3-225 Remote**

| Name | Value |
|----------------|--|
| Description | Corresponds to the remote status mapped from tnOthOdukApsMemberCurrentStatus for the working port. |
| Displayed name | Remote |

Table 3-225 Remote (continued)

| Name | Value |
|--------------------------|-------------------------------|
| OSS name | workingPortRemoteStatus |
| Read-only | no |
| Tab Panel | APS Group Working Port Status |
| Type | ApsMemberStatus |
| Enumerated types: | |
| Active | |
| Standby | |
| Unknown | |

Request For**Table 3-226 Request For**

| Name | Value |
|--------------------------|---------------------------------------|
| Description | This Value is deduced from k1k2Trans. |
| Displayed name | Request For |
| OSS name | requestFor |
| Read-only | no |
| Tab Panel | APS Group Protection Management |
| Type | RequestFor |
| Enumerated types: | |
| Protection | |
| Working | |

Site ID**Table 3-227 Site ID**

| Name | Value |
|----------------|---|
| Description | The id of the site that the APS group belongs to. |
| Displayed name | Site ID |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | STRING |

Site Name
Table 3-228 Site Name

| Name | Value |
|----------------|---|
| Description | The name of the site that the APS group belongs to. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | STRING |

Switch Direction**Table 3-229 Switch Direction**

| Name | Value |
|--------------------------|--|
| Default | yes:unidirectional |
| Description | The protection direction of the APS Group. |
| Displayed name | Switch Direction |
| OSS name | direction |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | ApsDirection |
| Enumerated types: | |
| Bidirectional | |
| Unidirectional | |

Switch Status**Table 3-230 Switch Status**

| Name | Value |
|----------------|---------------------------------------|
| Description | This Value is deduced from k1k2Trans. |
| Displayed name | Switch Status |
| OSS name | switchStatus |
| Read-only | no |
| Tab Panel | APS Group Protection Management |
| Type | SwitchStatus |

Table 3-230 Switch Status (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Do Not Revert | |
| Forced Switch | |
| Manual Switch | |
| No Request | |
| Protection Lockout | |
| Reverse Request | |
| Signal Degrade | |
| Signal failure | |
| Unknown | |
| Wait To Restore | |

Type**Table 3-231 Type**

| Name | Value |
|--------------------------|---|
| Default | yes:nonrevertive |
| Description | Indicates whether revertive or non-revertive APS Group. |
| Displayed name | Type |
| OSS name | revertMode |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | ApsRevertMode |
| Enumerated types: | |
| Non Revertive | |
| Revertive | |

Wait to Restore**Table 3-232 Wait to Restore**

| Name | Value |
|---------|-------------------|
| Default | yes:notapplicable |

Table 3-232 Wait to Restore (continued)

| Name | Value |
|--------------------------|---|
| Description | The wait-to-restore time for the revertive mode automatic switching. Corresponds to tnApsGroupWaitToRestore in the MIB. |
| Displayed name | Wait to Restore |
| OSS name | waitToRestore |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | ApsWaitToRestore |
| Units | min |
| Enumerated types: | |
| 1 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 2 | |
| 20 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| N/A | |

Working ODUk facility
Table 3-233 Working ODUk facility

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | ODUk (FROMING) entity within the SNCP. |
| Displayed name | Working ODUk facility |
| Mandatory on creation | yes |
| OSS name | workingFacilityPointer |
| Read-only | no |
| Tab Panel | APS Group Working |
| Type | POINTER |

Working Port**Table 3-234 Working Port**

| Name | Value |
|-----------------------|------------------------------------|
| Default | yes: |
| Description | Working port FDN of the APS group. |
| Displayed name | Working Port |
| Mandatory on creation | yes |
| OSS name | workingPort |
| Read-only | no |
| Tab Panel | APS Group Working |
| Type | POINTER |

Working VTS**Table 3-235 Working VTS**

| Name | Value |
|----------------|---|
| Description | This Value is deduced from members value. |
| Displayed name | Working VTS |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | workingChannel |
| Read-only | no |

Table 3-235 Working VTS (continued)

| Name | Value |
|-------------|-------------------|
| Tab Panel | APS Group Working |
| Type | INT |

Area parameters

Description

Table 3-236 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | areaDescription |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

ID

Table 3-237 ID

| Name | Value |
|-----------------------|-----------------|
| Default | no |
| Displayed name | ID |
| Mandatory on creation | yes |
| OSS name | areaId |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Instance Id**Table 3-238 Instance Id**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Identifies a specific instance of a version of the OSPF protocol running in the router instance specified by the routerId. |
| Displayed name | Instance Id |
| OSS name | instanceIndex |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Name**Table 3-239 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | areaName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Type**Table 3-240 Type**

| Name | Value |
|----------------|-----------------|
| Default | yes:standard |
| Displayed name | Type |
| OSS name | areaType |
| Read-only | no |
| Tab Panel | General General |
| Type | AreaType |

Table 3-240 Type (continued)

| Name | Value |
|-----------------------------|-------|
| Enumerated types: | |
| Backbone | |
| Non-Stub | |
| Normal | |
| NSSA | |
| NSSA (No Summaries) | |
| NSSA (No Type 5 External) | |
| NSSA Totally Stub | |
| Standard (All LSAs) | |
| Stub | |
| Stub (No Type 5 External) | |
| Totally Stub | |
| Totally Stub (No Summaries) | |

Type Mismatch

Table 3-241 Type Mismatch

| Name | Value |
|----------------|----------------------|
| Default | yes:false |
| Displayed name | Type Mismatch |
| OSS name | siteAreaTypeMismatch |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Version

Table 3-242 Version

| Name | Value |
|-----------------------|---------|
| Default | yes:v2 |
| Displayed name | Version |
| Mandatory on creation | yes |
| OSS name | version |

Table 3-242 Version (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Area Range parameters

Area

Table 3-243 Area

| Name | Value |
|----------------|--------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Area |
| OSS name | areaId |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | INETADDR |

Area Index

Table 3-244 Area Index

| Name | Value |
|----------------|-------------------|
| Displayed name | Area Index |
| OSS name | areaInstanceIndex |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Effect

Table 3-245 Effect

| Name | Value |
|----------------|-----------------------|
| Default | yes:advertiseMatching |
| Displayed name | Effect |

Table 3-245 Effect (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | effect |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Link State DB Type**Table 3-246 Link State DB Type**

| Name | Value |
|-----------------------|--------------------|
| Default | yes:summaryLink |
| Displayed name | Link State DB Type |
| Mandatory on creation | yes |
| OSS name | lsdbType |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Metric**Table 3-247 Metric**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Metric |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | metric |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Network
Table 3-248 Network

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0.0.0.0 |
| Displayed name | Network |
| Mandatory on creation | yes |
| OSS name | network |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Prefix Length**Table 3-249 Prefix Length**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:24 |
| Displayed name | Prefix Length |
| Mandatory on creation | yes |
| Maximum | 128 |
| Minimum | 0 |
| OSS name | prefixLength |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Routing Instance ID**Table 3-250 Routing Instance ID**

| Name | Value |
|----------------|--------------------------|
| Default | yes:0 |
| Displayed name | Routing Instance ID |
| OSS name | routerId |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | INT |

Routing Instance Name
Table 3-251 Routing Instance Name

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Routing Instance Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | routerName |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | STRING |

Site ID**Table 3-252 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-253 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Version
Table 3-254 Version

| Name | Value |
|----------------|--------------------------|
| Default | yes:2 |
| Displayed name | Version |
| OSS name | version |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | INT |

Area Site parameters

ABR Default Route Cost**Table 3-255 ABR Default Route Cost**

| Name | Value |
|----------------|------------------------|
| Default | yes:10 |
| Displayed name | ABR Default Route Cost |
| Maximum | 16777215 |
| Minimum | 0 |
| OSS name | defaultCost |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Active Interfaces**Table 3-256 Active Interfaces**

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Active Interfaces |
| OSS name | activeInterfaces |
| Read-only | yes |
| Tab Panel | Counters Counters |

Table 3-256 Active Interfaces (continued)

| Name | Value |
|------|-------|
| Type | INT |

Adjacency Check**Table 3-257 Adjacency Check**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This specifies whether or not adjacency checks shall be performed for the NSSA. If the value is 'false', then no checks are done. If the value is 'true', then adjacency checks will be done. |
| Displayed name | Adjacency Check |
| OSS name | adjacencyCheck |
| Read-only | no |
| Tab Panel | Stub NSSA NSSA |
| Type | BOOL |

Area Border Router Count**Table 3-258 Area Border Router Count**

| Name | Value |
|----------------|--------------------------|
| Default | yes:0 |
| Displayed name | Area Border Router Count |
| OSS name | areaBorderRouterCount |
| Read-only | yes |
| Tab Panel | Counters General |
| Type | INT |

Area ID**Table 3-259 Area ID**

| Name | Value |
|-----------------------|---------|
| Default | no |
| Displayed name | Area ID |
| Mandatory on creation | yes |

Table 3-259 Area ID (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | areaId |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Area Index**Table 3-260 Area Index**

| Name | Value |
|----------------|-------------------|
| Displayed name | Area Index |
| OSS name | areaInstanceIndex |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

AS Border Router Count**Table 3-261 AS Border Router Count**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:0 |
| Displayed name | AS Border Router Count |
| OSS name | autonomousSystemBorderRouterCount |
| Read-only | yes |
| Tab Panel | Counters General |
| Type | INT |

Blackhole Range**Table 3-262 Blackhole Range**

| Name | Value |
|----------------|-----------------|
| Default | yes:true |
| Displayed name | Blackhole Range |
| OSS name | rangeBlackhole |

Table 3-262 Blackhole Range (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Default Cost**Table 3-263 Default Cost**

| Name | Value |
|----------------|----------------|
| Default | yes:1 |
| Displayed name | Default Cost |
| Maximum | 16777215 |
| Minimum | 1 |
| OSS name | metric |
| Read-only | no |
| Tab Panel | Stub/NSSA Stub |
| Type | INT |

DNS Opaque LSAs Distributed**Table 3-264 DNS Opaque LSAs Distributed**

| Name | Value |
|--------------------------|-----------------------------|
| Default | yes:yes |
| Displayed name | DNS Opaque LSAs Distributed |
| OSS name | dnsOpaqueLsa |
| Read-only | no |
| Tab Panel | General General |
| Type | YesNo |
| Enumerated types: | |
| No | |
| Yes | |

Enable Advertise Router Capability

Table 3-265 Enable Advertise Router Capability

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | The value of areaAdvRtrCapability specifies whether or not advertise-router-capabilities are enabled at area level. |
| Displayed name | Enable Advertise Router Capability |
| OSS name | areaAdvRtrCapability |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Import AS Extern

Table 3-266 Import AS Extern

| Name | Value |
|----------------|--------------------|
| Default | yes:importExternal |
| Displayed name | Import AS Extern |
| OSS name | importAsExtern |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Import Summary

Table 3-267 Import Summary

| Name | Value |
|----------------|---------------------|
| Default | yes:sendAreaSummary |
| Displayed name | Import Summary |
| OSS name | areaSummary |
| Read-only | yes |
| Tab Panel | Stub/NSSA General |
| Type | INT |

Instance ID
Table 3-268 Instance ID

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Identifies a specific instance of a version of the OSPF protocol running in the router instance specified by the routerId. |
| Displayed name | Instance ID |
| OSS name | instanceIndex |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Loop-free Alternate Exclude**Table 3-269 Loop-free Alternate Exclude**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value of loopfreeAlternateExclude specifies whether or not the OSPF area should be excluded during LFA calculations. The value of loopfreeAlternateExclude is only valid when OSPF Site loopfreeAlternate has a value of 'true'. |
| Displayed name | Loop-free Alternate Exclude |
| OSS name | loopfreeAlternateExclude |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

LSA Checksum Sum**Table 3-270 LSA Checksum Sum**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Checksum of all AS-scoped LSAs in the database. |
| Displayed name | LSA Checksum Sum |
| OSS name | lsaChecksumSum |
| Read-only | yes |
| Tab Panel | General General |

Table 3-270 LSA Checksum Sum (continued)

| Name | Value |
|------|-------|
| Type | INT |

MetricType**Table 3-271 MetricType**

| Name | Value |
|----------------|----------------|
| Default | yes:ospfMetric |
| Displayed name | MetricType |
| OSS name | metricType |
| Read-only | no |
| Tab Panel | Stub/NSSA Stub |
| Type | INT |

Name**Table 3-272 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Name**Table 3-273 Name**

| Name | Value |
|----------------|-------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |

Table 3-273 Name (continued)

| Name | Value |
|-------------|--------------------------|
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | STRING |

NSSA Router Translation**Table 3-274 NSSA Router Translation**

| Name | Value |
|--------------------------|-------------------------|
| Default | yes:candidate |
| Displayed name | NSSA Router Translation |
| OSS name | nssaTranslate |
| Read-only | no |
| Tab Panel | General General |
| Type | OptNssaTranslateType |
| Enumerated types: | |
| | Always |
| | Candidate |
| | Never |
| | NotApplicable |

Originate Default Route**Table 3-275 Originate Default Route**

| Name | Value |
|----------------|-------------------------|
| Default | yes:noOriginate |
| Displayed name | Originate Default Route |
| OSS name | originateDefault |
| Read-only | no |
| Tab Panel | Stub/NSSA NSSA |
| Type | INT |

Redistribute External Routes
Table 3-276 Redistribute External Routes

| Name | Value |
|----------------|------------------------------|
| Default | yes:true |
| Displayed name | Redistribute External Routes |
| OSS name | nssaRedistribute |
| Read-only | no |
| Tab Panel | Stub/NSSA NSSA |
| Type | BOOL |

Routing Instance ID**Table 3-277 Routing Instance ID**

| Name | Value |
|----------------|--------------------------|
| Default | yes:1 |
| Displayed name | Routing Instance ID |
| Maximum | 10240 |
| Minimum | 1 |
| OSS name | routerId |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | INT |

Routing Instance Name**Table 3-278 Routing Instance Name**

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Routing Instance Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | routerName |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | STRING |

Site ID**Table 3-279 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-280 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Stub Support**Table 3-281 Stub Support**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:false |
| Description | Applicable to AOS nodes only. |
| Displayed name | Stub Support |
| OSS name | stubSupport |
| Read-only | no |
| Tab Panel | Stub/NSSA Stub |
| Type | BOOL |

Total Interfaces
Table 3-282 Total Interfaces

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Total Interfaces |
| OSS name | totalInterfaces |
| Read-only | yes |
| Tab Panel | Counters Counters |
| Type | INT |

Total Virtual Links**Table 3-283 Total Virtual Links**

| Name | Value |
|----------------|---------------------|
| Default | yes:0 |
| Displayed name | Total Virtual Links |
| OSS name | totalVirtualLinks |
| Read-only | yes |
| Tab Panel | Counters Counters |
| Type | INT |

Translator Role**Table 3-284 Translator Role**

| Name | Value |
|----------------|--------------------|
| Default | yes:candidate |
| Displayed name | Translator Role |
| OSS name | nssaTranslatorRole |
| Read-only | yes |
| Tab Panel | Stub/NSSA NSSA |
| Type | INT |

Translator Stability Interval

Table 3-285 Translator Stability Interval

| Name | Value |
|----------------|---------------------------------|
| Default | yes:40 |
| Displayed name | Translator Stability Interval |
| OSS name | nssaTranslatorStabilityInterval |
| Read-only | yes |
| Tab Panel | Stub/NSSA NSSA |
| Type | INT |

Translator State

Table 3-286 Translator State

| Name | Value |
|----------------|---------------------|
| Default | yes:disabled |
| Displayed name | Translator State |
| OSS name | nssaTranslatorState |
| Read-only | yes |
| Tab Panel | Stub/NSSA NSSA |
| Type | INT |

Type

Table 3-287 Type

| Name | Value |
|--------------------------|-----------------|
| Default | yes:standard |
| Displayed name | Type |
| OSS name | areaType |
| Read-only | no |
| Tab Panel | General General |
| Type | AreaType |
| Enumerated types: | |
| Backbone | |
| Non-Stub | |
| Normal | |

Table 3-287 Type (continued)

| Name | Value |
|-----------------------------|-------|
| NSSA | |
| NSSA (No Summaries) | |
| NSSA (No Type 5 External) | |
| NSSA Totally Stub | |
| Standard (All LSAs) | |
| Stub | |
| Stub (No Type 5 External) | |
| Totally Stub | |
| Totally Stub (No Summaries) | |

Version

Table 3-288 Version

| Name | Value |
|----------------|-----------------|
| Default | yes:2 |
| Displayed name | Version |
| OSS name | version |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Virtual Link IP

Table 3-289 Virtual Link IP

| Name | Value |
|----------------|-----------------|
| Default | yes:0.0.0.0 |
| Displayed name | Virtual Link IP |
| OSS name | virtualLinkId |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Wave Key Opaque LSAs Distributed

Table 3-290 Wave Key Opaque LSAs Distributed

| Name | Value |
|--------------------------|----------------------------------|
| Default | yes:yes |
| Displayed name | Wave Key Opaque LSAs Distributed |
| OSS name | wavekeyOpaqueLsa |
| Read-only | no |
| Tab Panel | General General |
| Type | YesNo |
| Enumerated types: | |
| No | |
| Yes | |

BackupPolicy parameters

Auto Backup Scheme

Table 3-291 Auto Backup Scheme

| Name | Value |
|--|--|
| Default | yes:none |
| Description | Used to determine whether 5620 SAM server shall perform a node backup, after initiating a number of config saves as specified by the "autoBackupSchemeTreshold". |
| Displayed name | Auto Backup Scheme |
| OSS name | autoBackupScheme |
| Read-only | no |
| Tab Panel | General Backup Triggering |
| Type | AutoBackupScheme |
| Enumerated types: | |
| Every 5620 SAM Server Initiated Save | |
| Every Nth 5620 SAM Server Initiated Save | |
| No Auto-backup | |

Auto Backup Threshold

Table 3-292 Auto Backup Threshold

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Works in conjunction with the Auto Backup Scheme parameter, to specify the number of configuration saves that occur, before the 5620 SAM server performs a node backup. |
| Displayed name | Auto Backup Threshold |
| Maximum | 1000 |
| Minimum | 0 |
| OSS name | autoBackupSchemeTreshold |
| Read-only | no |
| Tab Panel | General Backup Triggering |
| Type | INT |
| Units | operations |

Auto Purge Scheme

Table 3-293 Auto Purge Scheme

| Name | Value |
|---|---|
| Default | yes:atMostNBackups |
| Description | Specifies the criteria, used by the 5620 SAM server during a cleanup of backups, to determine when and which backup files to delete from the 5620 SAM server. |
| Displayed name | Auto Purge Scheme |
| OSS name | purgeMode |
| Read-only | no |
| Tab Panel | General Backup Purging |
| Type | BackupPurgeMode |
| Enumerated types: | |
| By Age | |
| By Age But Limit To A Maximum Number Of Backups | |
| By Age But Retain A Minimum Number Of Backups | |
| Limit To A Maximum Number Of Backups | |

Auto Reboot After Successful Restore

Table 3-294 Auto Reboot After Successful Restore

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether to reboot the node, after a successful transfer of config/BOF files, to the node, on a restore operation. |
| Displayed name | Auto Reboot After Successful Restore |
| OSS name | isAutoReboot |
| Read-only | no |
| Tab Panel | General Auto Reboot |
| Type | BOOL |

Backup 7705 Radio Database

Table 3-295 Backup 7705 Radio Database

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether and when to backup the 7705 radio database files as a part of the backup operation. Possible values are true/false. The radio databases are saved on each admin save. |
| Displayed name | Backup 7705 Radio Database |
| OSS name | sarRadioDbFileBackupMode |
| Read-only | no |
| Tab Panel | General Backup Settings |
| Type | BOOL |

Boot Option File Mode

Table 3-296 Boot Option File Mode

| Name | Value |
|----------------|--|
| Default | yes:always |
| Description | Specifies whether and when to backup the config files as a part of the backup operation. Possible values are always, never (disabled) or whenever a new version is detected. |
| Displayed name | Boot Option File Mode |
| OSS name | bootOptionFileBackupMode |
| Read-only | no |
| Tab Panel | General Backup Settings |

Table 3-296 Boot Option File Mode (continued)

| Name | Value |
|--------------------------|----------------|
| Type | FileBackupMode |
| Enumerated types: | |
| Always | |
| Disabled | |
| New Version Only | |
| unknown | |

CLI Config File Mode

Table 3-297 CLI Config File Mode

| Name | Value |
|--------------------------|--|
| Default | yes:always |
| Description | Specifies whether and when to backup the config files as a part of the backup operation. Possible values are always, never (disabled) or whenever a new version is detected. |
| Displayed name | CLI Config File Mode |
| OSS name | cliConfigFileBackupMode |
| Read-only | no |
| Tab Panel | General Backup Settings |
| Type | FileBackupMode |
| Enumerated types: | |
| Always | |
| Disabled | |
| New Version Only | |
| unknown | |

CLI Config Save Details

Table 3-298 CLI Config Save Details

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether to backup a basic configuration file or a detailed one. |
| Displayed name | CLI Config Save Details |
| OSS name | cliConfigSaveDetails |

Table 3-298 CLI Config Save Details (continued)

| Name | Value |
|-------------|-------------------------|
| Read-only | no |
| Tab Panel | General Backup Settings |
| Type | BOOL |

CLI Debug Save Config File Mode**Table 3-299 CLI Debug Save Config File Mode**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether to backup the debug config files as a part of the backup operation. |
| Displayed name | CLI Debug Save Config File Mode |
| OSS name | debugConfigFileBackupMode |
| Read-only | no |
| Tab Panel | General Backup Settings |
| Type | BOOL |

Command to Apply After Backup**Table 3-300 Command to Apply After Backup**

| Name | Value |
|----------------|---|
| Default | yes:notSignificant |
| Description | Specifies the software control module command to apply after successful backup. |
| Displayed name | Command to Apply After Backup |
| OSS name | commandToApply |
| Read-only | no |
| Tab Panel | General AOS Backup Settings |
| Type | sw.AosVersionMngt |

Enable Backup**Table 3-301 Enable Backup**

| Name | Value |
|---------|----------|
| Default | yes:true |

Table 3-301 Enable Backup (continued)

| Name | Value |
|----------------|---|
| Description | Indicates whether backups are enabled for this Backup Policy. |
| Displayed name | Enable Backup |
| OSS name | enableBackup |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

File Compression

Table 3-302 File Compression

| Name | Value |
|--------------------------|--|
| Default | yes:none |
| Description | Specifies the compression format to be used for the backup files. Possible values - GZIP, ZIP, no compression. |
| Displayed name | File Compression |
| OSS name | compressionMode |
| Read-only | no |
| Tab Panel | General AOS Backup Settings |
| Type | BackupCompressionMode |
| Enumerated types: | |
| | GZIP |
| | None |
| | ZIP |

File Compression

Table 3-303 File Compression

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Specifies the compression format to be used for the backup files. Possible values - GZIP, ZIP, no compression. |
| Displayed name | File Compression |
| OSS name | compressionMode |
| Read-only | no |

Table 3-303 File Compression (continued)

| Name | Value |
|--------------------------|-------------------------|
| Tab Panel | General Backup Settings |
| Type | BackupCompressionMode |
| Enumerated types: | |
| GZIP | |
| None | |
| ZIP | |

File Compression

Table 3-304 File Compression

| Name | Value |
|--------------------------|--|
| Default | yes:none |
| Description | Specifies the compression format to be used for the backup files. Possible values - GZIP, ZIP, no compression. |
| Displayed name | File Compression |
| OSS name | compressionMode |
| Read-only | no |
| Tab Panel | General MPR Backup Settings |
| Type | BackupCompressionMode |
| Enumerated types: | |
| GZIP | |
| None | |
| ZIP | |

File Compression

Table 3-305 File Compression

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Specifies the compression format to be used for the backup files. Possible values - GZIP, ZIP, no compression. |
| Displayed name | File Compression |
| OSS name | compressionMode |
| Read-only | no |

Table 3-305 File Compression (continued)

| Name | Value |
|--------------------------|-------------------------------------|
| Tab Panel | General PSS Backup/Restore Settings |
| Type | BackupCompressionMode |
| Enumerated types: | |
| GZIP | |
| None | |
| ZIP | |

File Transfer Server Directory

Table 3-306 File Transfer Server Directory

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:/ |
| Displayed name | File Transfer Server Directory |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpRootDir |
| Read-only | no |
| Tab Panel | General PSS Backup/Restore Settings |
| Type | STRING |

File Transfer Server Port

Table 3-307 File Transfer Server Port

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:21 |
| Displayed name | File Transfer Server Port |
| OSS name | ftpServerPort |
| Read-only | no |
| Tab Panel | General PSS Backup/Restore Settings |
| Type | INT |

Is Default Policy
Table 3-308 Is Default Policy

| Name | Value |
|----------------|-------------------|
| Default | yes:false |
| Displayed name | Is Default Policy |
| OSS name | isDefaultPolicy |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Maximum Backup Age**Table 3-309 Maximum Backup Age**

| Name | Value |
|----------------|--|
| Default | yes:100 |
| Description | Specifies the number of days a backup is kept before deleting it. Works in conjunction with purgeMode attribute. |
| Displayed name | Maximum Backup Age |
| Maximum | 365 |
| Minimum | 0 |
| OSS name | maxBackupAge |
| Read-only | no |
| Tab Panel | General Backup Purging |
| Type | INT |
| Units | days |

Name**Table 3-310 Name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the name assigned to this backup policy. |
| Displayed name | Name |
| Maximum | 80 |
| Minimum | 0 |

Table 3-310 Name (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Number Of Backups**Table 3-311 Number Of Backups**

| Name | Value |
|----------------|--|
| Default | yes:30 |
| Description | Specifies how many backups to keep at a time. Works in conjunction with purgeMode attribute. |
| Displayed name | Number Of Backups |
| Maximum | 365 |
| Minimum | 1 |
| OSS name | numBackupsToKeep |
| Read-only | no |
| Tab Panel | General Backup Purging |
| Type | INT |

Policy ID**Table 3-312 Policy ID**

| Name | Value |
|-----------------------|--|
| Default | yes:1 |
| Description | Specifies the ID assigned to this backup policy. |
| Displayed name | Policy ID |
| Mandatory on creation | yes |
| Maximum | 65535 |
| Minimum | 1 |
| OSS name | policyId |
| Read-only | no |
| Tab Panel | General General |

Table 3-312 Policy ID (continued)

| Name | Value |
|------|-------|
| Type | INT |

Policy Type

Table 3-313 Policy Type

| Name | Value |
|--------------------------|-----------------|
| Default | yes:srBased |
| Displayed name | Policy Type |
| Mandatory on creation | yes |
| OSS name | policyType |
| Read-only | no |
| Tab Panel | General General |
| Type | PolicyType |
| Enumerated types: | |
| 1830 PSS Node | |
| 1830 PSS OCS Node | |
| AOS Based Node | |
| eNodeB Node | |
| FGW Node | |
| MME Node | |
| MPR Node | |
| SR Based Node | |

Root Directory

Table 3-314 Root Directory

| Name | Value |
|----------------|----------------|
| Default | yes:/ |
| Displayed name | Root Directory |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpRootDir |
| Read-only | no |

Table 3-314 Root Directory (continued)

| Name | Value |
|-------------|--------------------------------|
| Tab Panel | General eNodeB Backup Settings |
| Type | STRING |

Save Certified Directory**Table 3-315 Save Certified Directory**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:true |
| Displayed name | Save Certified Directory |
| OSS name | saveCertifyDir |
| Read-only | no |
| Tab Panel | General AOS Backup Settings |
| Type | BOOL |

Save Certified Directory**Table 3-316 Save Certified Directory**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:true |
| Displayed name | Save Certified Directory |
| OSS name | saveCertifyDir |
| Read-only | no |
| Tab Panel | General MPR Backup Settings |
| Type | BOOL |

Save Network Directory**Table 3-317 Save Network Directory**

| Name | Value |
|----------------|------------------------|
| Default | yes:false |
| Displayed name | Save Network Directory |
| OSS name | saveNetworkDir |
| Read-only | no |

Table 3-317 Save Network Directory (continued)

| Name | Value |
|-------------|-----------------------------|
| Tab Panel | General AOS Backup Settings |
| Type | BOOL |

Scheduled Backup Interval

Table 3-318 Scheduled Backup Interval

| Name | Value |
|--------------------------|---|
| Default | yes:24hours |
| Description | Used in conjunction with scheduleBackupScheme, to specify how often to perform the backups. |
| Displayed name | Scheduled Backup Interval |
| OSS name | scheduledBackupFrequency |
| Read-only | no |
| Tab Panel | General Backup Triggering |
| Type | ScheduledBackupFrequency |
| Enumerated types: | |
| 1 hour | |
| 12 hours | |
| 15 minutes | |
| 2 hours | |
| 24 hours | |
| 3 hours | |
| 30 minutes | |
| 48 hours | |
| 6 hours | |

Scheduled Backup Scheme

Table 3-319 Scheduled Backup Scheme

| Name | Value |
|----------------|---|
| Default | yes:always |
| Description | Specifies that the node backups occur at regular intervals, as specified by the scheduledBackupFrequency attribute. |
| Displayed name | Scheduled Backup Scheme |

Table 3-319 Scheduled Backup Scheme (continued)

| Name | Value |
|--|---------------------------|
| OSS name | scheduledBackupScheme |
| Read-only | no |
| Tab Panel | General Backup Triggering |
| Type | ScheduledBackupScheme |
| Enumerated types: | |
| Every Scheduled Interval | |
| Every Scheduled Interval If 5620 SAM Server Initiated Save Performed | |
| No Scheduled Backup | |

Scheduled Backup Sync Time

Table 3-320 Scheduled Backup Sync Time

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the scheduled backup start time. |
| Displayed name | Scheduled Backup Sync Time |
| OSS name | scheduledBackupSyncTime |
| Read-only | no |
| Tab Panel | General Backup Triggering |
| Type | DATE |

Scheduled Backup Threshold

Table 3-321 Scheduled Backup Threshold

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the number of times that a backup retry occurs, if a backup fails. |
| Displayed name | Scheduled Backup Threshold |
| Maximum | 1000 |
| Minimum | 0 |
| OSS name | scheduledBackupTreshold |
| Read-only | no |
| Tab Panel | General Backup Triggering |

Table 3-321 Scheduled Backup Threshold (continued)

| Name | Value |
|-------|------------|
| Type | INT |
| Units | operations |

Server IP**Table 3-322 Server IP**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:127.0.0.1 |
| Displayed name | Server IP |
| OSS name | ftpServerIP |
| Read-only | no |
| Tab Panel | General PSS Backup/Restore Settings |
| Type | INETADDR |

SFTP Password**Table 3-323 SFTP Password**

| Name | Value |
|----------------|-----------------------------|
| Displayed name | SFTP Password |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpPassword |
| Read-only | no |
| Tab Panel | General FGW Backup Settings |
| Type | STRING |

SFTP User ID**Table 3-324 SFTP User ID**

| Name | Value |
|----------------|--------------|
| Displayed name | SFTP User ID |
| Maximum | 255 |
| Minimum | 0 |

Table 3-324 SFTP User ID (continued)

| Name | Value |
|-------------|-----------------------------|
| OSS name | ftpUser |
| Read-only | no |
| Tab Panel | General FGW Backup Settings |
| Type | STRING |

SFTP/FTP Password**Table 3-325 SFTP/FTP Password**

| Name | Value |
|----------------|--------------------------------|
| Displayed name | SFTP/FTP Password |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpPassword |
| Read-only | no |
| Tab Panel | General eNodeB Backup Settings |
| Type | STRING |

SFTP/FTP Password**Table 3-326 SFTP/FTP Password**

| Name | Value |
|----------------|-------------------------------------|
| Displayed name | SFTP/FTP Password |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpPassword |
| Read-only | no |
| Tab Panel | General PSS Backup/Restore Settings |
| Type | STRING |

SFTP/FTP Server Port

Table 3-327 SFTP/FTP Server Port

| Name | Value |
|----------------|--------------------------------|
| Default | yes:21 |
| Displayed name | SFTP/FTP Server Port |
| OSS name | ftpServerPort |
| Read-only | no |
| Tab Panel | General eNodeB Backup Settings |
| Type | INT |

SFTP/FTP User ID

Table 3-328 SFTP/FTP User ID

| Name | Value |
|----------------|--------------------------------|
| Displayed name | SFTP/FTP User ID |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpUser |
| Read-only | no |
| Tab Panel | General eNodeB Backup Settings |
| Type | STRING |

SFTP/FTP User ID

Table 3-329 SFTP/FTP User ID

| Name | Value |
|----------------|-------------------------------------|
| Displayed name | SFTP/FTP User ID |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpUser |
| Read-only | no |
| Tab Panel | General PSS Backup/Restore Settings |
| Type | STRING |

Transfer Protocol

Table 3-330 Transfer Protocol

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:ftp |
| Displayed name | Transfer Protocol |
| OSS name | ftpType |
| Read-only | no |
| Tab Panel | General eNodeB Backup Settings |
| Type | FtpType |
| Enumerated types: | |
| FTP | |
| SFTP | |
| TFTP | |

Transfer Protocol

Table 3-331 Transfer Protocol

| Name | Value |
|--------------------------|-------------------------------------|
| Default | yes:ftp |
| Displayed name | Transfer Protocol |
| OSS name | ftpType |
| Read-only | no |
| Tab Panel | General PSS Backup/Restore Settings |
| Type | FtpType |
| Enumerated types: | |
| FTP | |
| SFTP | |
| TFTP | |

Use Active Server

Table 3-332 Use Active Server

| Name | Value |
|----------------|-------------------|
| Default | yes:true |
| Displayed name | Use Active Server |

Table 3-332 Use Active Server (continued)

| Name | Value |
|-------------|-------------------------------------|
| OSS name | useActiveServer |
| Read-only | no |
| Tab Panel | General PSS Backup/Restore Settings |
| Type | BOOL |

Base Card parameters

Administrative State

Table 3-333 Administrative State

| Name | Value |
|--------------------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General Equipment |
| Type | AdministrativeState |
| Enumerated types: | |
| Diagnose | |
| Down | |
| Locked | |
| Maintenance | |
| Not Relevant | |
| Operate Switch | |
| Shutting Down | |
| Unknown | |
| Unlocked | |
| Up | |

Background Diagnostics Fault Reason

Table 3-334 Background Diagnostics Fault Reason

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Displayed name | Background Diagnostics Fault Reason |
| OSS name | backgroundDiagnosticsFaultReason |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Background Diagnostics State

Table 3-335 Background Diagnostics State

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:unknown |
| Displayed name | Background Diagnostics State |
| OSS name | backgroundDiagnosticsState |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | BackgroundDiagnosticsStateType |
| Enumerated types: | |
| | Critical Fault Detected |
| | Fault Detected |
| | N/A |
| | Ok |
| | Unknown |

Boot Code Version

Table 3-336 Boot Code Version

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Boot Code Version |
| Maximum | 255 |
| Minimum | 0 |

Table 3-336 Boot Code Version (continued)

| Name | Value |
|-------------|----------------------|
| OSS name | bootEpromVersion |
| Read-only | yes |
| Tab Panel | General Card Details |
| Type | STRING |

CAM Error Count (Complex 0)**Table 3-337 CAM Error Count (Complex 0)**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:0 |
| Displayed name | CAM Error Count (Complex 0) |
| OSS name | complex1CAMErrorCount |
| Read-only | yes |
| Tab Panel | General CAM Errors |
| Type | INT |

CAM Error Count (Complex 1)**Table 3-338 CAM Error Count (Complex 1)**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:0 |
| Displayed name | CAM Error Count (Complex 1) |
| OSS name | complex2CAMErrorCount |
| Read-only | yes |
| Tab Panel | General CAM Errors |
| Type | INT |

Card Type**Table 3-339 Card Type**

| Name | Value |
|----------------|----------------|
| Default | yes:unassigned |
| Displayed name | Card Type |

Table 3-339 Card Type (continued)

| Name | Value |
|---|----------------------|
| Mandatory on creation | yes |
| OSS name | specificType |
| Read-only | no |
| Tab Panel | General Slot Details |
| Type | CardType |
| Enumerated types: | |
| 1 Colour Optical Add/Drop Mux | |
| 1 Tb CPM / Switch Fabric 4 | |
| 1 Tb Switch Fabric 4 | |
| 1 Tb Switch Fabric 5 | |
| 1 x 10-Gig Ethernet | |
| 1 x 10-Gig Ethernet + 10 x 10/100/1000 Ethernet SFP | |
| 1 x 10-Gig Ethernet DWDM Tunable Optics | |
| 1 x 10-Gig Ethernet XFP | |
| 1 x 10-Gig Extended Performance XFP | |
| 1 x 100-Gig Ethernet CFP2 | |
| 1 x 100GE CFP | |
| 1 x Channelized OC12 ASAP | |
| 1 x Channelized OC12 CES | |
| 1 x Channelized OC3 CES | |
| 1 x Channelized OC3 CES CMA | |
| 1 x Gig Ethernet SFP CMA | |
| 1 X Gig Ethernet XP SFP CMA | |
| 1 x OC12 Deep Channel | |
| 1 x OC192 | |
| 1 x Radio Modem | |
| 1 x STM (Channelized) | |
| 1-PAC FP3 IMM | |
| 1-Port 100GE CFP IMM | |
| 1-Port 40GE CFP IMM | |
| 1-Port 40GE OTU3 Long Reach DWDM Tunable IMM | |
| 1-Port OC768 OTU3 Long Reach DWDM Tunable IMM | |
| 10 x 1-Gig Ethernet SFP | |

Table 3-339 Card Type (continued)

| Name | Value |
|---|-------|
| 10 x 1-Gig Extended Performance SFP | |
| 10 x 10-Gig Ethernet SFP+ | |
| 10 x 10/100/1000 Ethernet SFP | |
| 10 x 10GE XP SFP+ | |
| 10-Port Fast/Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port Gig Ethernet (8 FX, 2 TX) | |
| 10-Port Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port GIGE SFP + 1-Port 10GE SFP+ IMM | |
| 10-Port GIGE SFP + 1-Port 10GE XFP IMM | |
| 10-Port GIGE SFP IMM | |
| 10-Port PoE Fast/Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port PoE Gig Ethernet(8 TX, 2 Dual TX/FX) - S | |
| 10-Port PoE Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 100g CPM / Switch Fabric | |
| 11 x 1G SFP / 22 x 1G CSPF IMM | |
| 12 x 1-Gig Extended Performance SFP | |
| 12 x 10/100/1000 Ethernet SFP + 10 Copper + 4 x 10 GigE XFP | |
| 12 x 100/1000 SFP + 12 x 10/100/1000 Ethernet | |
| 12 x Channelized DS3/E3 ASAP | |
| 12 x DS3/E3 Deep Channel | |
| 12 x Fast Ethernet 100 FX | |
| 12 x Serial Data | |
| 12 x Serial Data v2 | |
| 12-Port 10 Gig Ethernet SFP+ (OS-XNI-U12) | |
| 12-Port 10 Gig Ethernet SFP+ (OS9-XNI-U12E) | |
| 12-Port 10GE SF IMM | |
| 120g CPM / Switch Fabric | |
| 120g Extended Performance CPM / Switch Fabric | |
| 14-Port Gig Ethernet (12 TX (4 PoE), 2 FX) | |
| 16 x ATM OC3 SFP | |
| 16 x ATM OC3 SFP B | |
| 16 x Channelized DS1/E1 ASAP | |
| 16 x Channelized DS1/E1 ASAP v2 | |

Table 3-339 Card Type (continued)

| Name | Value |
|---|-------|
| 16 x E1 (ASAP) | |
| 16 x OC12/OC3 SFP | |
| 16 x OC12/OC3 SFP B | |
| 16 x OC3 SFP | |
| 16-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U16E) | |
| 2 Colour Optical Add/Drop Mux | |
| 2 PORT 100GE CFP C-XMA | |
| 2 Tb Switch Fabric 5 | |
| 2 x 10 GigE XFP | |
| 2 x 10-Gig Bridged Ethernet XFP + 1 x 2.5G Virtual Ethernet | |
| 2 x 10-Gig Bridged Ethernet XFP + 1 x 2.5G Virtual Ethernet Module | |
| 2 x 10-Gig Ethernet + 12 x 1-Gig Ethernet XP | |
| 2 x 10-Gig Ethernet XFP | |
| 2 x 10-Gig Extended Performance XFP | |
| 2 x 10-Gig MDA IOM | |
| 2 x 10-Gig MDA IOM 2 | |
| 2 x 10-Gig MDA IOM Card, B | |
| 2 x 10-Gig MDA Oversubscribed IOM Card | |
| 2 x 10/100/1000 SFP + 1 x 10/100/1000 SFP/Ethernet Combo + 2 x 10/100/1000 Ethernet | |
| 2 x 10/40 Gig MDA IOM card | |
| 2 x 10GE SFP + 12 x 1GE SFP | |
| 2 x 10Gig Ethernet Extended Performance XFP WaveTracker | |
| 2 x 40 Gig MDA IOM card | |
| 2 x Channelized OC12 ASAP | |
| 2 x Channelized OC3/STM1 ASAP SFP | |
| 2 x DS3 | |
| 2 x Gig Ethernet 1000 FX | |
| 2 x OC12/OC3 CMA | |
| 2 x OC12/OC3 CMA B | |
| 2 x OC192 Extended Performance XFP | |
| 2 x OC48 SFP | |
| 2 x Serial Data + 2 x Channelized DS1/E1 | |
| 2 x STM | |

Table 3-339 Card Type (continued)

| Name | Value |
|--|-------|
| 2 x XP MDA IOM 3 | |
| 2 x XP MDA IOM 3, B | |
| 2 x XP MDA IOM 3, C | |
| 2+2 x Ethernet (EAS) | |
| 2-PAC FP3 IMM | |
| 2-Port 10 Gig Ethernet XFP (OS9-XNI-U2) | |
| 2-Port 10 Gig Ethernet XFP (OS9-XNI-U2E) | |
| 2-Port 10GE SFP+ IMM | |
| 2-Port 10GE XFP IMM | |
| 2-PPAC FP3 IMM | |
| 2.4 Tb Switch Fabric 5 | |
| 20 PORT 10GE SFP + C-XMA | |
| 20 x 10/100/1000 Ethernet Extended Performance SFP | |
| 20 x 10/100/1000 Ethernet Extended Performance TX | |
| 20 x 10/100/1000 Ethernet SFP | |
| 20 x 10/100/1000 Ethernet Tx | |
| 20 x 100 Ethernet Fx | |
| 20-Port 10 Gig Ethernet (OS6900-T20) | |
| 20-Port 10 Gig Ethernet SFP+ (OS6900-X20) | |
| 200g CPM / Switch Fabric | |
| 200g CPM / Switch Fabric 2 | |
| 22-Port (8 TX, 12 FX, 2 GE) | |
| 22-Port Gig Ethernet (20 TX, 2 FX) (OS9-GNI-C20L) | |
| 24 x 10/100/1000 Ethernet SFP | |
| 24 x 10/100/1000 Ethernet SFP + 2 x 10 GigE XFP | |
| 24 x Fast Ethernet 10/100 FX | |
| 24 x Fast Ethernet 10/100 TX | |
| 24 x Gig Ethernet (20 FX, 4 Dual TX/FX) | |
| 24 x Gig Ethernet (20 TX, 4 Dual TX/FX) | |
| 24-Port (20 x Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 24-Port (20 x PoE Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 24-Port (8 TX, 12 FX, 4 GE) | |
| 24-Port Fast Ethernet Metro(24 TX, 2 Dual TX/FX) | |

Table 3-339 Card Type (continued)

| Name | Value |
|--|-------|
| 24-Port Fast Ethernet SME(24 TX, 2 Dual TX/FX) | |
| 24-Port Fast Ethernet SME(24 TX, 2 Dual TX/FX) with DC Power Supply | |
| 24-Port Fast-Ethernet | |
| 24-Port Fast-Ethernet FX | |
| 24-Port Fast/Gig Ethernet(24 TX, 2 SFP) | |
| 24-Port Gig Ethernet (2 Dual TX/FX, 22 FX) | |
| 24-Port Gig Ethernet (2 Dual TX/FX, 22 FX) with Internal DC Power Supply | |
| 24-Port Gig Ethernet (20 TX (4 PoE), 4 Dual TX/FX) | |
| 24-Port Gig Ethernet (20 TX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port Gig Ethernet (22 FX, 2 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port Gig Ethernet (22 FX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port Gig Ethernet (22 FX, 2 TX/FX) | |
| 24-Port Gig Ethernet (22 FX, 2 TX/FX, 2 FX/STK) | |
| 24-Port Gig Ethernet (4 Dual TX/FX, 20 TX) | |
| 24-Port Gig Ethernet FX (OS9-GNI-U24) | |
| 24-Port Gig Ethernet FX (OS9-GNI-U24E) | |
| 24-Port Gig Ethernet TX (OS9-GNI-C24) | |
| 24-Port Gig Ethernet TX (OS9-GNI-C24E) | |
| 24-Port Gig Ethernet(20 FX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) - E | |
| 24-Port Gig Ethernet(22 FX, 2 Dual TX/FX, 2 SFP) | |
| 24-Port Gig Ethernet(22 FX, 2 Dual TX/FX, 2 SFP) - S | |
| 24-Port Gig Ethernet(24 TX, 2 SFP) | |
| 24-Port PoE Fast/Gig Ethernet(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) - E | |
| 24-Port PoE Gig Ethernet SME(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet TX (OS9-GNI-P24) | |
| 24-Port PoE Gig Ethernet TX (OS9-GNI-P24E) | |

Table 3-339 Card Type (continued)

| Name | Value |
|---|-------|
| 24-Port PoE Gig Ethernet(20 TX, 4 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet(4 Dual TX/FX, 20 TX) | |
| 250g CPM / Switch Fabric 3 | |
| 3-Port 40 Gig Ethernet QSFP+ (OS-QNI-U3) | |
| 3-Port 40GIGE QSFP IMM | |
| 32 x Channelized DS1/E1 ASAP v2 | |
| 32 x DS1 | |
| 32 x E1 | |
| 32-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U32E) | |
| 32-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U32S) | |
| 4 Colour Optical Add/Drop Mux | |
| 4 PORT 100GE CFP2 XMA | |
| 4 PORT 100GE CXP XMA | |
| 4 x 10-Gig Extended Performance XFP | |
| 4 x 10/100 Ethernet TX | |
| 4 x 10/100/1000 1Gig SFP + 2 x 10Gig SFP+ + SyncE | |
| 4 x 10/100/1000 Ethernet Tx | |
| 4 x 10GE SFP+ | |
| 4 x ATM OC12/OC3 SFP | |
| 4 x ATM OC12/OC3 SFP B | |
| 4 x Channelized DS3/E3 ASAP | |
| 4 x Channelized OC3 ASAP | |
| 4 x Channelized OC3 CES | |
| 4 x Channelized OC3/OC12 ASAP SFP | |
| 4 x DS1/E1 CE | |
| 4 x DS3/E3 CMA | |
| 4 x DS3/E3 Deep Channel | |
| 4 x Gig Ethernet (2 TX, 2 FX) | |
| 4 x MDA IOM | |
| 4 X MWA Gig Ethernet (2 TX, 2 SFP) + 4 X Gig Ethernet SFP | |
| 4 x OC3 Deep Channel | |
| 4 x OC3/STM1 ASAP SFP | |

Table 3-339 Card Type (continued)

| Name | Value |
|--|-------|
| 4 x OC48 SFP | |
| 4 x OC48 SFP B | |
| 4+4 x Ethernet (EAS) | |
| 4-Port 10 Gig Ethernet SFP+ (OS-XNI-U4) | |
| 4-Port 100GE CFP4 IMM | |
| 4-Port 100GE CXP IMM | |
| 4-Port 10GE SFP+ IMM | |
| 4-Port 10GE XFP IMM | |
| 4-Port 40 Gig Ethernet QSFP+ (OS10K-QNI-U4E) | |
| 40 PORT 10GE SFP+ XMA | |
| 40-Port 10 Gig Ethernet (OS6900-T40) | |
| 40-Port 10 Gig Ethernet SFP+ (OS6900-X40) | |
| 40-Port 10GE SFP+ IMM | |
| 400g CPM / Switch Fabric | |
| 400g CPM / Switch Fabric 2 | |
| 44 x 1GE CSFP | |
| 48 x Fast Ethernet 10/100 TX | |
| 48 x Gig Ethernet Extended Performance TX | |
| 48-Port (44 x Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 48-Port (44 x PoE Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 48-Port Fast-Ethernet | |
| 48-Port Fast/Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port Gig Ethernet (4 Dual TX/FX, 44 TX) | |
| 48-Port Gig Ethernet (44 TX, 4 Dual TX/FX) | |
| 48-Port Gig Ethernet (46 TX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 48-Port Gig Ethernet + 2 x 10-GigE XFP | |
| 48-Port Gig Ethernet SFP (OS10K-GNI-U48E) | |
| 48-Port Gig Ethernet TX (OS10K-GNI-C48E) | |
| 48-Port Gig Ethernet TX (OS9-GNI-C48T) | |
| 48-Port Gig Ethernet(44 TX, 4 Dual TX/FX) - E | |
| 48-Port Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port GIGE SFP IMM | |
| 48-Port GIGE SFP IMM, B | |

Table 3-339 Card Type (continued)

| Name | Value |
|--|-------|
| 48-Port GIGE SFP IMM, C | |
| 48-Port GIGE TX IMM | |
| 48-Port GIGE TX IMM, B | |
| 48-Port PoE Fast/Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port PoE Gig Ethernet (44 TX, 4 Dual TX/FX) - E | |
| 48-Port PoE Gig Ethernet (46 TX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 48-Port PoE Gig Ethernet + 2 x 10-GigE XFP | |
| 48-Port PoE Gig Ethernet(4 Dual TX/FX, 44 TX) | |
| 48-Port PoE Gig Ethernet(44 TX, 4 Dual TX/FX) | |
| 48-Port PoE Gig Ethernet(48 TX, 2 SFP) | |
| 5 x 1-Gig Ethernet SFP | |
| 5 x 10/100/1000 Ethernet SFP | |
| 5 X Gig Ethernet XP SFP CMA | |
| 5-Port 10GE XFP IMM | |
| 500g CPM / Switch Fabric 3 | |
| 500g CPM / Switch Fabric 4 | |
| 6 PORT 40GE QSFP C-XMA | |
| 6 x 10/100 Ethernet + 2 x 10/100/1000 Ethernet SFP | |
| 6 x 10/100 Ethernet + 2 x 10/100/1000 Ethernet SFP v2 | |
| 6 x 100/1000 SFP + 4 x 10/100/1000 Ethernet | |
| 6 x 10GE SFP + 1 x 40GE QSFP+ | |
| 6 x EM | |
| 6 x FXS Interface | |
| 6-Port 10 Gig Ethernet XFP (OS9-XNI-U6) | |
| 6-Port Gig Ethernet (4 x 10 Gig SFP+, 2 x 40 Gig QSFP+) (OS-HNI-U6) | |
| 60 x 10/100 Ethernet | |
| 72 PORT 1GE SFP C-XMA | |
| 7210 CPM, Internal | |
| 7210 IOM | |
| 7705 1g CSM | |
| 7705 1g/10g CSM | |
| 7705 2.5g CSM | |
| 7705 IOM | |

Table 3-339 Card Type (continued)

| Name | Value |
|--|-------|
| 7705 SAR-8 1g/10g CSM | |
| 7710 CFM | |
| 7710 IOM | |
| 7750-SRc4 CFM-C4-XP | |
| 7750-SRc4 IOM-C4-XP | |
| 7850 CPM DCOR | |
| 7850 CPM VSA | |
| 7850 CPM VSA-2 | |
| 7850 CPM VSG | |
| 8 Colour Optical Add/Drop Mux | |
| 8 x 10/100 Ethernet Tx CMA | |
| 8 x 10/100/1000 Ethernet SFP | |
| 8 x 10/100/1000 Ethernet SFP v2 | |
| 8 x 10/100/1000 Ethernet SFP v3 | |
| 8 X ATM DS1/E1 CMA | |
| 8 x DS1/E1 Channel CMA | |
| 8 x Fast Ethernet 10/100 TX | |
| 8 x FXO Interface | |
| 8 x OC12/OC3 SFP | |
| 8 x OC3 SFP | |
| 8 x Voice Teleprotection Interface | |
| 8-Port 10 Gig Ethernet (OS-XNI-T8) | |
| 8-Port 10GE XFP IMM | |
| 8-Port 10GE XFP IMM, B | |
| 8-Port 40 Gig Ethernet QSFP+ (OS10K-QNI-U8E) | |
| 8-Port Fast Ethernet Metro(8 TX, 2 Dual TX/FX) | |
| 80g CPM / Switch Fabric 2 | |
| Amplifier and Associated Cards | |
| ATCA Blade | |
| ATCA Hub | |
| ATCA ShMC | |
| AUX | |
| Auxiliary Alarm | |

Table 3-339 Card Type (continued)

| Name | Value |
|--|-------|
| Base Band | |
| Blade | |
| Board | |
| CFM-XP | |
| CFM-XP-B | |
| Control Board | |
| Controller | |
| CORE | |
| CORE-ENH | |
| CPM / Switch Fabric 4 E | |
| CPM 5 | |
| CPM A | |
| CPM X16 | |
| CPM X20 | |
| DCM Module | |
| DCM:Dispersion Comp. Card | |
| DSL Module | |
| EASv2 | |
| EC:Equipment Controller Card | |
| Eth Card-A | |
| Eth Card-B | |
| Fan Unit | |
| Filter Card | |
| Generic Card | |
| Gig Ethernet SFP | |
| GPON Module | |
| HP Workstation | |
| HSMDA 1 x 10-Gig XFP, B | |
| HSMDA 10 x 1 Gig SFP | |
| i1 x GPS Rx | |
| i16 x Channelized DS1/E1 ASAP | |
| i16 x Channelized DS1/E1 ASAP v2 | |
| i2 x 10/100/Gig Ethernet SFP + 4 x 10/100/Gig Ethernet TX RJ45 | |

Table 3-339 Card Type (continued)

| Name | Value |
|--|-------|
| i2 x Serial Data | |
| i3 x 10/100/1000 Copper Ethernet + 4 x 10/100/1000 Ethernet SFP | |
| i3 x Gig SFP + 1 x 10/100/1000 Copper SyncE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper PoE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper PoE+ SyncE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper SyncE | |
| i4 x 10/100/Gig Ethernet(2 SFP, 2 SFP/RJ45 Combo) + 4 x (PoE) 10/100/Gig Ethernet TX | |
| i4 x xDSL Ports | |
| i8 x 10/100/1000 Ethernet SFP v3 | |
| i8 x Channelized DS1/E1 ASAP | |
| i8 x MWA Gig Ethernet (100/1000 SFP, 10/100/1000 RJ45) + 4 x FE (10/100 RJ45) | |
| ICM 2 x 10-Gig Extended Performance XFP | |
| IMM 1 x 100GE CFP | |
| IMM 1 x 40GE Extended Performance CFP | |
| IMM 1 x 40GE OTU3 DWDM Tunable Optics | |
| IMM 1 x OC768 OTU3 DWDM Tunable Optics | |
| IMM 10 x 10/100/1000 SFP + 1 x 10GE SFP+ | |
| IMM 10 x 10/100/1000 Ethernet SFP | |
| IMM 10 x 10/100/1000 Ethernet SFP + 1 x 10G XFP | |
| IMM 11 x 10/100/1000 Ethernet SPF/ 22 x 10/100/1000 Ethernet CSFP | |
| IMM 12 x 10GE SF | |
| IMM 2 x 10G SFP+ | |
| IMM 2 x 10G XFP | |
| IMM 2 x 10GE Extended Performance XFP | |
| IMM 24 x 10/100/1000 Ethernet Extended Performance SFP | |
| IMM 24 x 10/100/1000 Ethernet Extended Performance TX | |
| IMM 3 x 40GE Extended Performance QSFP | |
| IMM 4 x 100GE CFP4 | |
| IMM 4 x 100GE CXP | |
| IMM 4 x 10G SFP+ | |
| IMM 4 x 10GE Extended Performance XFP | |
| IMM 40 x 10GE SFP | |
| IMM 5 x 10GE Extended Performance XFP | |

Table 3-339 Card Type (continued)

| Name | Value |
|---|-------|
| IMM P1 x 100GE CFP | |
| IMM P1 x 100GE OTU4 DWDM Tunable Optics | |
| IMM P10 x 10GE SFP | |
| IMM P20 x 1GE SFP | |
| IMM P3 x 40GE QSFP | |
| IMM P6 x 10GE SFP | |
| Integrated Services Card | |
| IOM (CPAA) | |
| IOM-XP | |
| IOM-XP-B | |
| ISA Application Assurance | |
| ISA Broadband Applications | |
| ISA IP Reassembly | |
| ISA IP Security | |
| ISA Mobile | |
| ISA Multi-Service | |
| ISA Multi-Service Export | |
| ISA TMS | |
| ISA Tunnel | |
| ISA Video | |
| ISA-2 IP Reassembly | |
| ISA-2 IP Security | |
| ISA-2 Mobile | |
| ISA2 Application Assurance | |
| ISA2 Broadband Applications | |
| ISA2 Multi Service | |
| ISA2 Tunnel | |
| ISM Mobile | |
| ISM Mobile 2-PAC FP3 | |
| ISM Mobile B | |
| ITLB:Interleaver Card | |
| ITLU:Interleaver Card, Unidirectional | |
| m15-40g-qsfp | |

Table 3-339 Card Type (continued)

| Name | Value |
|---|-------|
| m32-10g-sfp+16-40g-qsfp | |
| MCM-v1 | |
| MCM-XP | |
| MPRe IOM | |
| MSH8-FSM:Mesh 8 Degree Fiber Shuffle Card | |
| MSS1 | |
| No Change | |
| No Daughter Card | |
| No MCM Card | |
| No Processor/Base Card | |
| NUAGE-1 VSC CPM | |
| Optical Client/Line Cards | |
| Optical Transponder Card | |
| OS10K-CFM | |
| OS10K-CMM | |
| OS9600-CMM | |
| OS9700-CMM | |
| OS9700E-CMM | |
| OS9800-CMM | |
| OS9800E-CMM | |
| p1 x GPS Rx | |
| PDN Gateway | |
| PF:Power Filter Card | |
| Power Amplifier-A | |
| Power Amplifier-B | |
| Power Injector Card | |
| Power Supply-A | |
| Power Supply-B | |
| PSC 1x6 Splitter/Combiner | |
| PTP Card | |
| Receiver-A | |
| Receiver-B | |
| Relay Card | |

Table 3-339 Card Type (continued)

| Name | Value |
|--|-------|
| SBBU Extension Card | |
| SBBU Interface Card | |
| SFAN | |
| SFM X16 | |
| SFM X16 B | |
| SFM X20 | |
| SFM X20 B | |
| SFM X20S B | |
| Sun Netra | |
| Sun Workstation | |
| TMN Card | |
| Transmitter-A | |
| Transmitter-B | |
| Unsupported Daughter Card | |
| Unsupported MCM Card | |
| Unsupported Processor/Base Card | |
| User Interface Panel | |
| VSM Cross Connect Adaptor | |
| VSM Cross Connect Adaptor Extended Performance | |
| Wavelength Router Card | |
| X4170 | |
| XCM X16 | |
| XCM X16w | |
| XCM X20 | |
| XMDA 1p x 10GigE / 10p x 1GigE SFP | |
| XMDA 1p x 10GigE / 10p x 1GigE SFP v2 | |

CLEI Code**Table 3-340 CLEI Code**

| Name | Value |
|----------------|-----------|
| Default | yes: |
| Displayed name | CLEI Code |

Table 3-340 CLEI Code (continued)

| Name | Value |
|-------------|----------------------------------|
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General Equipment Location Codes |
| Type | STRING |

Datapath Cell Error Count (Complex 0)**Table 3-341 Datapath Cell Error Count (Complex 0)**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of times the first complex experienced an occurrence of internal datapath cell errors. |
| Displayed name | Datapath Cell Error Count (Complex 0) |
| OSS name | complex1ChipIfCellErrCount |
| Read-only | yes |
| Tab Panel | General Internal Datapath Cell Errors |
| Type | INT |

Datapath Cell Error Count (Complex 1)**Table 3-342 Datapath Cell Error Count (Complex 1)**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of times the first complex experienced an occurrence of internal datapath cell errors. |
| Displayed name | Datapath Cell Error Count (Complex 1) |
| OSS name | complex2ChipIfCellErrCount |
| Read-only | yes |
| Tab Panel | General Internal Datapath Cell Errors |
| Type | INT |

Datapath Error Count (Complex 0)**Table 3-343 Datapath Error Count (Complex 0)**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the number of times the first complex experienced an occurrence of an internal datapath problem. |
| Displayed name | Datapath Error Count (Complex 0) |
| OSS name | complex1ChipIfDownErrCount |
| Read-only | yes |
| Tab Panel | General Internal Datapath Errors |
| Type | INT |

Datapath Error Count (Complex 1)**Table 3-344 Datapath Error Count (Complex 1)**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of times the second complex experienced an occurrence of an internal datapath problem. |
| Displayed name | Datapath Error Count (Complex 1) |
| OSS name | complex2ChipIfDownErrCount |
| Read-only | yes |
| Tab Panel | General Internal Datapath Errors |
| Type | INT |

Egress FCS Error Count (Complex 0)**Table 3-345 Egress FCS Error Count (Complex 0)**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the number of times the first complex experienced an occurrence of a FCS error in the egress direction since startup, last clear, or IOM reboot. |
| Displayed name | Egress FCS Error Count (Complex 0) |
| OSS name | complex1EgressFCSErrorCount |
| Read-only | yes |
| Tab Panel | General PChip FCS Errors |

Table 3-345 Egress FCS Error Count (Complex 0) (continued)

| Name | Value |
|------|-------|
| Type | INT |

Egress FCS Error Count (Complex 1)**Table 3-346 Egress FCS Error Count (Complex 1)**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of times the second complex experienced an occurrence of a FCS error in the egress direction since startup, last clear, or IOM reboot. |
| Displayed name | Egress FCS Error Count (Complex 1) |
| OSS name | complex2EgressFCSErrorCount |
| Read-only | yes |
| Tab Panel | General PChip FCS Errors |
| Type | INT |

Equipped**Table 3-347 Equipped**

| Name | Value |
|----------------|----------------------|
| Default | yes:false |
| Displayed name | Equipped |
| OSS name | isEquipped |
| Read-only | yes |
| Tab Panel | General Slot Details |
| Type | BOOL |

Firmware Revision Status**Table 3-348 Firmware Revision Status**

| Name | Value |
|----------------|--------------------------|
| Default | yes:notApplicable |
| Displayed name | Firmware Revision Status |
| OSS name | hwFirmwareRevisionStatus |

Table 3-348 Firmware Revision Status (continued)

| Name | Value |
|--------------------------|-------------------------------|
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | HwFirmwareRevisionStatusTypes |
| Enumerated types: | |
| Acceptable | |
| Not Acceptable | |
| Not Applicable | |
| Upgrade Pending | |
| Upgrading | |

Hardware Class**Table 3-349 Hardware Class**

| Name | Value |
|--------------------------|------------------------------|
| Default | no |
| Displayed name | Hardware Class |
| OSS name | hardwareClass |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | HardwareClassType |
| Enumerated types: | |
| External Alarm Input | |
| Fam | |
| N/A | |

Ingress FCS Error Count (Complex 0)**Table 3-350 Ingress FCS Error Count (Complex 0)**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of times the first complex experienced an occurrence of a FCS error in the ingress direction since startup, last clear, or IOM reboot. |
| Displayed name | Ingress FCS Error Count (Complex 0) |

Table 3-350 Ingress FCS Error Count (Complex 0) (continued)

| Name | Value |
|-------------|------------------------------|
| OSS name | complex1IngressFCSErrorCount |
| Read-only | yes |
| Tab Panel | General PChip FCS Errors |
| Type | INT |

Ingress FCS Error Count (Complex 1)**Table 3-351 Ingress FCS Error Count (Complex 1)**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the number of times the second complex experienced an occurrence of a FCS error in the ingress direction since startup, last clear, or IOM reboot. |
| Displayed name | Ingress FCS Error Count (Complex 1) |
| OSS name | complex2IngressFCSErrorCount |
| Read-only | yes |
| Tab Panel | General PChip FCS Errors |
| Type | INT |

Last Boot Up Reason**Table 3-352 Last Boot Up Reason**

| Name | Value |
|--------------------------|----------------------|
| Default | yes:hardReboot |
| Displayed name | Last Boot Up Reason |
| OSS name | lastBootUpReason |
| Read-only | yes |
| Tab Panel | General Card Details |
| Type | BootUpReason |
| Enumerated types: | |
| Activity Switch | |
| Boot Fail | |
| Card Reinserted | |
| CCM failed | |

Table 3-352 Last Boot Up Reason (continued)

| Name | Value |
|----------------------|-------|
| Clear Card | |
| Configuration Change | |
| Hard Reboot | |
| ISSU Hard Reboot | |
| ISSU Timeout | |
| Power Change | |
| Power Cycle | |
| Runtime Fail | |
| Soft Reset | |
| Unexpected | |

Last Occurred**Table 3-353 Last Occurred**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time tmnxCardCmpl1BufMemErrOccur incremented. |
| Displayed name | Last Occurred |
| OSS name | complex1BufMemErrOccurTime |
| Read-only | yes |
| Tab Panel | General Buffer Memory Errors |
| Type | DATE |

Last Occurred**Table 3-354 Last Occurred**

| Name | Value |
|----------------|---------------------------|
| Default | yes:0 |
| Displayed name | Last Occurred |
| OSS name | complex1CAMErrorOccurTime |
| Read-only | yes |
| Tab Panel | General CAM Errors |
| Type | DATE |

Last Occurred**Table 3-355 Last Occurred**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the last time tmnxCardCmpl1ChipIfCellOcc incremented. |
| Displayed name | Last Occurred |
| OSS name | complex1ChipIfCellOccTime |
| Read-only | yes |
| Tab Panel | General Internal Datapath Cell Errors |
| Type | DATE |

Last Occurred**Table 3-356 Last Occurred**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the last time tmnxCardCmpl1ChipIfDownOcc incremented. |
| Displayed name | Last Occurred |
| OSS name | complex1ChipIfDownOccTime |
| Read-only | yes |
| Tab Panel | General Internal Datapath Errors |
| Type | DATE |

Last Occurred**Table 3-357 Last Occurred**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the last time when the complex1EgressFCSErrorCount incremented. |
| Displayed name | Last Occurred |
| OSS name | complex1EgressFCSErrorOccurTime |
| Read-only | yes |
| Tab Panel | General PChip FCS Errors |
| Type | DATE |

Last Occurred**Table 3-358 Last Occurred**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time when the complex1IngressFCSErrorCount incremented. |
| Displayed name | Last Occurred |
| OSS name | complex1IngressFCSErrorOccurTime |
| Read-only | yes |
| Tab Panel | General PChip FCS Errors |
| Type | DATE |

Last Occurred**Table 3-359 Last Occurred**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time tmnxCardCmpl1IntMemErrOccur incremented. |
| Displayed name | Last Occurred |
| OSS name | complex1IntMemErrOccurTime |
| Read-only | yes |
| Tab Panel | General Internal Memory Errors |
| Type | DATE |

Last Occurred**Table 3-360 Last Occurred**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time when the complex1MemoryParityErrorCount incremented. |
| Displayed name | Last Occurred |
| OSS name | complex1MemoryParityErrorOccurTime |
| Read-only | yes |
| Tab Panel | General PChip Parity Errors |
| Type | DATE |

Last Occurred**Table 3-361 Last Occurred**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the last time tmnxCardCmpl1StatMemErrOccur incremented. |
| Displayed name | Last Occurred |
| OSS name | complex1StatMemErrOccurTime |
| Read-only | yes |
| Tab Panel | General Statistics Memory Errors |
| Type | DATE |

Last Occurred**Table 3-362 Last Occurred**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time tmnxCardCmpl2BufMemErrOccur incremented. |
| Displayed name | Last Occurred |
| OSS name | complex2BufMemErrOccurTime |
| Read-only | yes |
| Tab Panel | General Buffer Memory Errors |
| Type | DATE |

Last Occurred**Table 3-363 Last Occurred**

| Name | Value |
|----------------|---------------------------|
| Default | yes:0 |
| Displayed name | Last Occurred |
| OSS name | complex2CAMErrorOccurTime |
| Read-only | yes |
| Tab Panel | General CAM Errors |
| Type | DATE |

Last Occurred**Table 3-364 Last Occurred**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the last time tmnxCardCmpl1ChipIfCellOcc incremented. |
| Displayed name | Last Occurred |
| OSS name | complex2ChipIfCellOccTime |
| Read-only | yes |
| Tab Panel | General Internal Datapath Cell Errors |
| Type | DATE |

Last Occurred**Table 3-365 Last Occurred**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the last time tmnxCardCmpl2ChipIfDownOcc incremented. |
| Displayed name | Last Occurred |
| OSS name | complex2ChipIfDownOccTime |
| Read-only | yes |
| Tab Panel | General Internal Datapath Errors |
| Type | DATE |

Last Occurred**Table 3-366 Last Occurred**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the last time when the complex2EgressFCSErrorCount incremented. |
| Displayed name | Last Occurred |
| OSS name | complex2EgressFCSErrorOccurTime |
| Read-only | yes |
| Tab Panel | General PChip FCS Errors |
| Type | DATE |

Last Occurred**Table 3-367 Last Occurred**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time when the complex2IngressFCSErrorOccurTime incremented. |
| Displayed name | Last Occurred |
| OSS name | complex2IngressFCSErrorOccurTime |
| Read-only | yes |
| Tab Panel | General PChip FCS Errors |
| Type | DATE |

Last Occurred**Table 3-368 Last Occurred**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time tmnxCardCmpl2IntMemErrOccur incremented. |
| Displayed name | Last Occurred |
| OSS name | complex2IntMemErrOccurTime |
| Read-only | yes |
| Tab Panel | General Internal Memory Errors |
| Type | DATE |

Last Occurred**Table 3-369 Last Occurred**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time when the complex2MemoryParityErrorCount incremented. |
| Displayed name | Last Occurred |
| OSS name | complex2MemoryParityErrorOccurTime |
| Read-only | yes |
| Tab Panel | General PChip Parity Errors |
| Type | DATE |

Last Occurred
Table 3-370 Last Occurred

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the last time tmnxCardCmpl2StatMemErrOccur incremented. |
| Displayed name | Last Occurred |
| OSS name | complex2StatMemErrOccurTime |
| Read-only | yes |
| Tab Panel | General Statistics Memory Errors |
| Type | DATE |

Manufacture Date**Table 3-371 Manufacture Date**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacture Date |
| Maximum | 252 |
| OSS name | manufactureDate |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturer**Table 3-372 Manufacturer**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturer |
| Maximum | 252 |
| OSS name | manufacturer |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Assembly No**Table 3-373 Manufacturing Assembly No**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Assembly No |
| OSS name | manufacturingAssemblyNo |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Deviations**Table 3-374 Manufacturing Deviations**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Deviations |
| OSS name | manufacturingDeviations |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Variant**Table 3-375 Manufacturing Variant**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Variant |
| OSS name | manufacturingVariant |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Memory Error Count (Complex 0)**Table 3-376 Memory Error Count (Complex 0)**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the number of times the first complex experienced an occurrence of a buffer memory error since startup, last clear, or IOM reboot. |
| Displayed name | Memory Error Count (Complex 0) |
| OSS name | complex1BufMemErrCount |
| Read-only | yes |
| Tab Panel | General Buffer Memory Errors |
| Type | INT |

Memory Error Count (Complex 0)**Table 3-377 Memory Error Count (Complex 0)**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of times the first complex experienced an occurrence of an internal memory error since startup, last clear, or IOM reboot. |
| Displayed name | Memory Error Count (Complex 0) |
| OSS name | complex1IntMemErrCount |
| Read-only | yes |
| Tab Panel | General Internal Memory Errors |
| Type | INT |

Memory Error Count (Complex 0)**Table 3-378 Memory Error Count (Complex 0)**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the number of times the first complex experienced an occurrence of a statistics memory error since startup, last clear, or IOM reboot. |
| Displayed name | Memory Error Count (Complex 0) |
| OSS name | complex1StatMemErrCount |
| Read-only | yes |
| Tab Panel | General Statistics Memory Errors |

Table 3-378 Memory Error Count (Complex 0) (continued)

| Name | Value |
|------|-------|
| Type | INT |

Memory Error Count (Complex 1)**Table 3-379 Memory Error Count (Complex 1)**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of times the second complex experienced an occurrence of a buffer memory error since startup, last clear, or IOM reboot. |
| Displayed name | Memory Error Count (Complex 1) |
| OSS name | complex2BufMemErrCount |
| Read-only | yes |
| Tab Panel | General Buffer Memory Errors |
| Type | INT |

Memory Error Count (Complex 1)**Table 3-380 Memory Error Count (Complex 1)**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the number of times the second complex experienced an occurrence of an internal memory error since startup, last clear, or IOM reboot. |
| Displayed name | Memory Error Count (Complex 1) |
| OSS name | complex2IntMemErrCount |
| Read-only | yes |
| Tab Panel | General Internal Memory Errors |
| Type | INT |

Memory Error Count (Complex 1)**Table 3-381 Memory Error Count (Complex 1)**

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 3-381 Memory Error Count (Complex 1) (continued)

| Name | Value |
|----------------|---|
| Description | Indicates the number of times the second complex experienced an occurrence of a statistics memory error since startup, last clear, or IOM reboot. |
| Displayed name | Memory Error Count (Complex 1) |
| OSS name | complex2StatMemErrCount |
| Read-only | yes |
| Tab Panel | General Statistics Memory Errors |
| Type | INT |

Memory Parity Error Count (Complex 0)**Table 3-382 Memory Parity Error Count (Complex 0)**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the number of times the first complex experienced an occurrence of a memory parity error since startup, last clear, or IOM reboot. |
| Displayed name | Memory Parity Error Count (Complex 0) |
| OSS name | complex1MemoryParityErrorCount |
| Read-only | yes |
| Tab Panel | General PChip Parity Errors |
| Type | INT |

Memory Parity Error Count (Complex 1)**Table 3-383 Memory Parity Error Count (Complex 1)**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of times the second complex experienced an occurrence of a memory parity error since startup, last clear, or IOM reboot. |
| Displayed name | Memory Parity Error Count (Complex 1) |
| OSS name | complex2MemoryParityErrorCount |
| Read-only | yes |
| Tab Panel | General PChip Parity Errors |
| Type | INT |

Memory Size
Table 3-384 Memory Size

| Name | Value |
|----------------|----------------------|
| Default | yes:0 |
| Displayed name | Memory Size |
| OSS name | memorySize |
| Read-only | yes |
| Tab Panel | General Card Details |
| Type | LONG |
| Units | MB |

Number Of Daughter Card Slots**Table 3-385 Number Of Daughter Card Slots**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:2 |
| Displayed name | Number Of Daughter Card Slots |
| OSS name | numberOfDaughterCardSlots |
| Read-only | yes |
| Tab Panel | General Card Details |
| Type | INT |

Number Of Installed Daughter Cards**Table 3-386 Number Of Installed Daughter Cards**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:0 |
| Displayed name | Number Of Installed Daughter Cards |
| OSS name | numberOfInstalledDaughterCards |
| Read-only | yes |
| Tab Panel | General Card Details |
| Type | INT |

Operational State
Table 3-387 Operational State

| Name | Value |
|--------------------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | OperationalState |
| Enumerated types: | |
| Booting | |
| Degraded | |
| Diagnosing | |
| Disabled | |
| Down | |
| Downgrade | |
| Empty | |
| Enabled | |
| Failed | |
| In Service Downgrade | |
| In Service Upgrade | |
| Indeterminate | |
| Invalid Connection | |
| No Link | |
| Not Present | |
| Not Relevant | |
| Provisioned | |
| Reserved | |
| Reset Pending | |
| Shutting Down | |
| Soft Reset | |
| Testing | |
| Transition | |
| Unknown | |
| Unprovisioned | |

Table 3-387 Operational State (continued)

| Name | Value |
|-----------------|-------|
| Unsupported SFF | |
| Up | |
| Upgrade | |

Part Number**Table 3-388 Part Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Part Number |
| Maximum | 252 |
| OSS name | manufacturerBoardNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Pool Mode**Table 3-389 Pool Mode**

| Name | Value |
|--------------------------|----------------------|
| Default | yes:outOfService |
| Displayed name | Pool Mode |
| OSS name | poolMode |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | NamedPoolAdminState |
| Enumerated types: | |
| In Service | |
| Out of Service | |

Serial Number

Table 3-390 Serial Number

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Serial Number |
| Maximum | 252 |
| OSS name | serialNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Shelf ID

Table 3-391 Shelf ID

| Name | Value |
|----------------|----------------|
| Default | yes:0 |
| Displayed name | Shelf ID |
| OSS name | shelfId |
| Read-only | yes |
| Tab Panel | Slot Equipment |
| Type | INT |

Shelf Type

Table 3-392 Shelf Type

| Name | Value |
|--------------------------|----------------------|
| Displayed name | Shelf Type |
| OSS name | shelfType |
| Read-only | yes |
| Tab Panel | General Slot Details |
| Type | ShelfType |
| Enumerated types: | |
| | 1830 PSS 1 AHP |
| | 1830 PSS 1 GBEH |
| | 1830 PSS 1 MD4H |

Table 3-392 Shelf Type (continued)

| Name | Value |
|-----------------------------|-------|
| 1830 PSS 16 | |
| 1830 PSS 16 Shelf | |
| 1830 PSS 32 | |
| 1830 PSS 32 Shelf | |
| 1830 PSS 32s | |
| 1830 PSS 32s 1.2T Shelf | |
| 1830 PSS 32s 1.6T Shelf | |
| 1830 PSS 36 | |
| 1830 PSS 36 Shelf | |
| 1830 PSS 4 | |
| 1830 PSS 4 Shelf | |
| 1830 PSS 64 | |
| 1830 PSS 64 Shelf | |
| 1830 PSS TRU Shelf | |
| 1830 PSS Universal Shelf | |
| 5780 DSC - ATCA | |
| 5780 DSC - CSB | |
| 5780 DSC - DCP | |
| 5780 DSC - Non-ATCA | |
| 5780 DSC - PCRF | |
| 7210 SAS-D-6F-4T | |
| 7210 SAS-D-6F-4T ETR | |
| 7210 SAS-E | |
| 7210 SAS-K-2F-3T | |
| 7210 SAS-K-2F-3T ETR | |
| 7210 SAS-M-24F | |
| 7210 SAS-M-24F ETR | |
| 7210 SAS-M-24F-2XFP | |
| 7210 SAS-M-24F-2XFP ETR | |
| 7210 SAS-R6 | |
| 7210 SAS-T-12F-10T-4XFP | |
| 7210 SAS-T-12F-10T-4XFP ETR | |
| 7210 SAS-X-24F-2XFP | |

Table 3-392 Shelf Type (continued)

| Name | Value |
|-------------------------------|-------|
| 7250 SAS | |
| 7250 SAS ES | |
| 7250 SAS ESA | |
| 7450-ESS1 | |
| 7450-ESS12 | |
| 7450-ESS24 | |
| 7450-ESS4 | |
| 7450-ESS6 | |
| 7450-ESS6V | |
| 7450-ESS7 | |
| 7701 CPAA | |
| 7705 SAR-A | |
| 7705 SAR-A T1/E1 | |
| 7705 SAR-H | |
| 7705 SAR-Hc | |
| 7705 SAR-W | |
| 7705 SAR-Wx (4GE xDSL GPS Rx) | |
| 7705 SAR-Wx (4GE xDSL) | |
| 7705 SAR-Wx (5GE GPS Rx) | |
| 7705 SAR-Wx (5GE PoE+ GPS Rx) | |
| 7705 SAR-Wx (5GE PoE+) | |
| 7705 SAR-Wx (5GE) | |
| 7705-SAR18 | |
| 7705-SAR8 | |
| 7705-SAR8 v2 | |
| 7705-SARF | |
| 7705-SARM | |
| 7705-SARM ASAP | |
| 7705-SARM ASAP FL | |
| 7705-SARM FL | |
| 7710-SRc12 | |
| 7710-SRc4 | |
| 7750-SR1 | |

Table 3-392 Shelf Type (continued)

| Name | Value |
|--|-------|
| 7750-SR12 | |
| 7750-SR12-MG | |
| 7750-SR12e | |
| 7750-SR24 | |
| 7750-SR4 | |
| 7750-SR7 | |
| 7750-SR7-MG | |
| 7750-SRa4 | |
| 7750-SRa8 | |
| 7750-SRc12 | |
| 7750-SRc4 | |
| 7850 | |
| 7950-XRS16 | |
| 7950-XRS20 | |
| 9412 D2U BUILT-IN EAM E-NODEB TDD | |
| 9412 D2U E-NODEB FDD | |
| 9412 D2U E-NODEB Indoor FDD | |
| 9412 D2U E-NODEB Indoor TDD | |
| 9412 D2U E-NODEB Outdoor with AMR FDD | |
| 9412 D2U E-NODEB Outdoor with AMR TDD | |
| 9412 D2U E-NODEB Outdoor without AMR FDD | |
| 9412 D2U E-NODEB Outdoor without AMR TDD | |
| 9412 D2U E-NODEB TDD | |
| 9471 ATCA | |
| 9471 ATE | |
| 9471 MME | |
| 9471 Next Gen | |
| 9471 SGSN | |
| 9471 SRS | |
| 9471 vWMM | |
| 9471 WMM | |
| 9500 MPR-A | |
| 9500 MPR-A Chassis 1 | |

Table 3-392 Shelf Type (continued)

| Name | Value |
|---|-------|
| 9500 MPR-A Chassis 4 | |
| 9500 MPR-E | |
| 9500 MPR-E Chassis 1 | |
| 9500 MPR-E Chassis 4 | |
| 9500 MPR-E | |
| 9763 MCI FAM E-NODEB FDD | |
| 9764 MCO FAM Adv E-NODEB FDD | |
| 9764 MCO FAM E-NODEB FDD | |
| 9764 MCO TRF E-NODEB FDD | |
| 9774 LMG | |
| 9926 D2U E-NODEB FDD | |
| 9926 D2U E-NODEB TDD | |
| 9966 SCGW | |
| DCM :Dispersion Compensation Module Shelf | |
| E-NODEB | |
| Empty Shelf | |
| FemtoCluster | |
| FemtoNetwork | |
| GNE | |
| GroupProfile | |
| HardwareProfile | |
| HDMCluster | |
| HDMDomain | |
| HIP Chassis | |
| ITLB: Interleaver Shelf, Bidirectional | |
| ITLU: Interleaver Shelf, Unidirectional | |
| LocationProfile | |
| Locations | |
| LteCallpProfile | |
| LteLocalOverride | |
| LteOAMProfile | |
| LteProfile | |
| LteRRMProfile | |

Table 3-392 Shelf Type (continued)

| Name | Value |
|----------------------|-------|
| LteTransportProfile | |
| MacroCells | |
| Master Shelf | |
| MDR 8000-Compact | |
| MDR 8000-Hot-Standby | |
| MDR-8000E-Compak | |
| MDR-8000E-Standard | |
| MDR-8000i | |
| MDR-8000s | |
| MDR-8000u | |
| MSH8-FSM Shelf | |
| MSS-1 | |
| MSS-4 | |
| MSS-8 | |
| OmniSwitch 10K | |
| OmniSwitch 6250 | |
| OmniSwitch 6400 | |
| OmniSwitch 6850 | |
| OmniSwitch 6850E | |
| OmniSwitch 6855 | |
| OmniSwitch 6855-U24X | |
| OmniSwitch 6900-T20 | |
| OmniSwitch 6900-T40 | |
| OmniSwitch 6900-X20 | |
| OmniSwitch 6900-X40 | |
| OmniSwitch 9600 | |
| OmniSwitch 9700 | |
| OmniSwitch 9700E | |
| OmniSwitch 9800 | |
| OmniSwitch 9800E | |
| OS6250-24 | |
| OS6250-24M | |
| OS6250-24MD | |

Table 3-392 Shelf Type (continued)

| Name | Value |
|-------------|-------|
| OS6250-8M | |
| OS6250-P24 | |
| OS6400-24 | |
| OS6400-48 | |
| OS6400-DU24 | |
| OS6400-P24 | |
| OS6400-P48 | |
| OS6400-U24 | |
| OS6450-10 | |
| OS6450-10L | |
| OS6450-24 | |
| OS6450-24L | |
| OS6450-48 | |
| OS6450-48L | |
| OS6450-P10 | |
| OS6450-P10L | |
| OS6450-P10S | |
| OS6450-P24 | |
| OS6450-P24L | |
| OS6450-P48 | |
| OS6450-P48L | |
| OS6450-U24 | |
| OS6450-U24S | |
| OS6850-24 | |
| OS6850-24L | |
| OS6850-24LU | |
| OS6850-24X | |
| OS6850-48 | |
| OS6850-48L | |
| OS6850-48LU | |
| OS6850-48X | |
| OS6850-P24 | |
| OS6850-P24L | |

Table 3-392 Shelf Type (continued)

| Name | Value |
|---|-------|
| OS6850-P24LU | |
| OS6850-P24X | |
| OS6850-P48 | |
| OS6850-P48L | |
| OS6850-P48LU | |
| OS6850-P48X | |
| OS6850-U24X | |
| OS6850E-24 | |
| OS6850E-24X | |
| OS6850E-48 | |
| OS6850E-48X | |
| OS6850E-P24 | |
| OS6850E-P24X | |
| OS6850E-P48 | |
| OS6850E-P48X | |
| OS6850E-U24X | |
| OS6855-14 | |
| OS6855-24 | |
| OS6855-U10 | |
| OS6855-U24 | |
| OS6855-U24X | |
| Pre-Provisioned E-NODEB | |
| Profile | |
| PSC1-6 | |
| SCGW 9966 ATCA | |
| SFD 40 B:Static Filter DWDM 40 Odd Channel Shelf | |
| SFD 40: Static Filter DWDM 40 Even Channel Shelf | |
| SFD 44 B :Static Filter DWDM 44 Odd Channel Shelf | |
| SFD 44: Static Filter DWDM 44 Even Channel Shelf | |
| SmallCells ATCA | |
| T4R | |
| T5 Compact 24F | |
| T5 Compact 24G | |

Table 3-392 Shelf Type (continued)

| Name | Value |
|-----------------|-------|
| T5 Compact 24GT | |
| T5 Compact 24T | |
| T5 Compact 48T | |
| T5R | |
| Unknown | |
| Unknown Shelf | |
| VSC | |

Site ID**Table 3-393 Site ID**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site ID**Table 3-394 Site ID**

| Name | Value |
|----------------|----------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | Slot Equipment |
| Type | STRING |

Site Name**Table 3-395 Site Name**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site Name**Table 3-396 Site Name**

| Name | Value |
|----------------|----------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | Slot Equipment |
| Type | STRING |

Slot ID**Table 3-397 Slot ID**

| Name | Value |
|-----------------------|----------------------|
| Default | yes:0 |
| Displayed name | Slot ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | slotId |
| Read-only | no |
| Tab Panel | General Slot Details |
| Type | INT |

Slot Name
Table 3-398 Slot Name

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | Slot Name |
| Maximum | 252 |
| OSS name | slotName |
| Read-only | yes |
| Tab Panel | General Slot Details |
| Type | STRING |

Software Version**Table 3-399 Software Version**

| Name | Value |
|----------------|----------------------|
| Default | yes:unknown |
| Displayed name | Software Version |
| Maximum | 50 |
| Minimum | 0 |
| OSS name | cardVersion |
| Read-only | yes |
| Tab Panel | General Card Details |
| Type | STRING |

Source Cards of Egress FCS Errors (Complex 0)**Table 3-400 Source Cards of Egress FCS Errors (Complex 0)**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the Source Slots reported from the last time the first complex experienced an occurrence of a FCS error in the egress direction since startup, last clear, or IOM reboot. incremented. |
| Displayed name | Source Cards of Egress FCS Errors (Complex 0) |
| OSS name | complex1EgressFCSErrorSourceSlots |
| Read-only | yes |

Table 3-400 Source Cards of Egress FCS Errors (Complex 0) (continued)

| Name | Value |
|--------------------------|--------------------------|
| Tab Panel | General PChip FCS Errors |
| Type | CardSlotBitMap |
| Enumerated types: | |
| Slot 1 | |
| Slot 10 | |
| Slot 11 | |
| Slot 12 | |
| Slot 13 | |
| Slot 14 | |
| Slot 15 | |
| Slot 16 | |
| Slot 2 | |
| Slot 3 | |
| Slot 4 | |
| Slot 5 | |
| Slot 6 | |
| Slot 7 | |
| Slot 8 | |
| Slot 9 | |

Source Cards of Egress FCS Errors (Complex 1)**Table 3-401 Source Cards of Egress FCS Errors (Complex 1)**

| Name | Value |
|--------------------------|---|
| Default | yes:0 |
| Description | Indicates the Source Slots reported from the last time the second complex experienced an occurrence of a FCS error in the egress direction since startup, last clear, or IOM reboot. incremented. |
| Displayed name | Source Cards of Egress FCS Errors (Complex 1) |
| OSS name | complex2EgressFCSErrorSourceSlots |
| Read-only | yes |
| Tab Panel | General PChip FCS Errors |
| Type | CardSlotBitMap |
| Enumerated types: | |

Table 3-401 Source Cards of Egress FCS Errors (Complex 1) (continued)

| Name | Value |
|---------|-------|
| Slot 1 | |
| Slot 10 | |
| Slot 11 | |
| Slot 12 | |
| Slot 13 | |
| Slot 14 | |
| Slot 15 | |
| Slot 16 | |
| Slot 2 | |
| Slot 3 | |
| Slot 4 | |
| Slot 5 | |
| Slot 6 | |
| Slot 7 | |
| Slot 8 | |
| Slot 9 | |

System Resource Profile Policy**Table 3-402 System Resource Profile Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the System Resource Profile Policy for this card. Applicable only for 7210 SAS R nodes. |
| Displayed name | System Resource Profile Policy |
| OSS name | systemResourceProfilePolicy |
| Read-only | no |
| Tab Panel | General System Resource Profile |
| Type | POINTER |

Baseline parameters

Baseline Type

Table 3-403 Baseline Type

| Name | Value |
|--------------------------|--|
| Default | yes:opt |
| Description | Identifies if the baseline is for OPT or OPR |
| Displayed name | Baseline Type |
| Mandatory on creation | yes |
| OSS name | tnStatsGroupId |
| Read-only | no |
| Tab Panel | General Total Power Received |
| Type | BaselineType |
| Enumerated types: | |
| OPR | |
| OPT | |

Baseline Type

Table 3-404 Baseline Type

| Name | Value |
|--------------------------|--|
| Default | yes:opt |
| Description | Identifies if the baseline is for OPT or OPR |
| Displayed name | Baseline Type |
| Mandatory on creation | yes |
| OSS name | tnStatsGroupId |
| Read-only | no |
| Tab Panel | General Total Power Transmitted |
| Type | BaselineType |
| Enumerated types: | |
| OPR | |
| OPT | |

Baselined Value**Table 3-405 Baselined Value**

| Name | Value |
|----------------|-------------------------------|
| Description | Baselined optical power value |
| Displayed name | Baselined Value |
| OSS name | tnStatsBaselineValue |
| Read-only | no |
| Tab Panel | General Total Power Received |
| Type | FLOAT |
| Units | dBm |

Baselined Value**Table 3-406 Baselined Value**

| Name | Value |
|----------------|---------------------------------|
| Description | Baselined optical power value |
| Displayed name | Baselined Value |
| OSS name | tnStatsBaselineValue |
| Read-only | no |
| Tab Panel | General Total Power Transmitted |
| Type | FLOAT |
| Units | dBm |

Force Baseline**Table 3-407 Force Baseline**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Forces a new baseline with the same baseline reason |
| Displayed name | Force Baseline |
| OSS name | forceBaseline |
| Read-only | no |
| Tab Panel | General Total Power Received |
| Type | BOOL |

Force Baseline**Table 3-408 Force Baseline**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Forces a new baseline with the same baseline reason |
| Displayed name | Force Baseline |
| OSS name | forceBaseline |
| Read-only | no |
| Tab Panel | General Total Power Transmitted |
| Type | BOOL |

Last Baselined Time**Table 3-409 Last Baselined Time**

| Name | Value |
|----------------|------------------------------|
| Description | Time of baseline |
| Displayed name | Last Baselined Time |
| OSS name | tnStatsBaselineTime |
| Read-only | no |
| Tab Panel | General Total Power Received |
| Type | DATE |

Last Baselined Time**Table 3-410 Last Baselined Time**

| Name | Value |
|----------------|---------------------------------|
| Description | Time of baseline |
| Displayed name | Last Baselined Time |
| OSS name | tnStatsBaselineTime |
| Read-only | no |
| Tab Panel | General Total Power Transmitted |
| Type | DATE |

Reason**Table 3-411 Reason**

| Name | Value |
|--------------------------|--|
| Default | yes:zero |
| Description | Identifies the reason for which the baseline was established |
| Displayed name | Reason |
| OSS name | tnStatsBaselineReason |
| Read-only | no |
| Tab Panel | General Total Power Received |
| Type | BaselineReasonType |
| Enumerated types: | |
| 0 | |
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| Laser On | |
| LOS Cleared | |
| New System | |
| OT Replaced | |

Reason**Table 3-412 Reason**

| Name | Value |
|----------------|--|
| Default | yes:zero |
| Description | Identifies the reason for which the baseline was established |
| Displayed name | Reason |
| OSS name | tnStatsBaselineReason |
| Read-only | no |

Table 3-412 Reason (continued)

| Name | Value |
|--------------------------|---------------------------------|
| Tab Panel | General Total Power Transmitted |
| Type | BaselineReasonType |
| Enumerated types: | |
| 0 | |
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| Laser On | |
| LOS Cleared | |
| New System | |
| OT Replaced | |

Card Firmware parameters

Activation Time

Table 3-413 Activation Time

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The time at which the firmware was last successfully loaded for this card. |
| Displayed name | Activation Time |
| OSS name | activationTime |
| Read-only | yes |
| Tab Panel | General Card Firmware |
| Type | DATE |

Active Release**Table 3-414 Active Release**

| Name | Value |
|----------------|-------------------------------------|
| Description | Shows Current Firmware on the card. |
| Displayed name | Active Release |
| OSS name | activeRelease |
| Read-only | yes |
| Tab Panel | General Card Firmware |
| Type | STRING |

Assigned CardSubType**Table 3-415 Assigned CardSubType**

| Name | Value |
|----------------|---------------------------------|
| Default | yes:unspecified |
| Description | Assigned/Configured CardSubType |
| Displayed name | Assigned CardSubType |
| OSS name | assignedCardSubType |
| Read-only | no |
| Tab Panel | General Card Firmware |
| Type | equipment.CardSubType |

Elapsed Time**Table 3-416 Elapsed Time**

| Name | Value |
|----------------|---|
| Default | yes:00:00 |
| Description | This is the time since the beginning of the init state for the individual FPGA device currently being loaded. It is updated only when requested for display. Timeout starts at 45 minutes. Progress time displayed will be = 45:00-current value. |
| Displayed name | Elapsed Time |
| OSS name | elapsedTime |
| Read-only | yes |
| Tab Panel | General Card Firmware |
| Type | STRING |

Table 3-416 Elapsed Time (continued)

| Name | Value |
|-------|-------|
| Units | MM:SS |

Equipped CardSubType**Table 3-417 Equipped CardSubType**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:unspecified |
| Description | Currently Equipped CardSubType |
| Displayed name | Equipped CardSubType |
| OSS name | equippedCardSubType |
| Read-only | no |
| Tab Panel | General Card Firmware |
| Type | equipment.CardSubType |

Load State**Table 3-418 Load State**

| Name | Value |
|--------------------------|---|
| Description | The state of the firmware load process for the card as a whole. This uses conditions FPGAInit[1-10] raised by Board Manager, which will also update the ECID. |
| Displayed name | Load State |
| OSS name | loadState |
| Read-only | yes |
| Tab Panel | General Card Firmware |
| Type | CardLoadState |
| Enumerated types: | |
| Failed | |
| Init1 | |
| Init10 | |
| Init2 | |
| Init3 | |
| Init4 | |
| Init5 | |

Table 3-418 Load State (continued)

| Name | Value |
|---------|-------|
| Init6 | |
| Init7 | |
| Init8 | |
| Init9 | |
| Loaded | |
| none | |
| Timeout | |

NE Software Version**Table 3-419 NE Software Version**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the product version of this Alcatel system. |
| Displayed name | NE Software Version |
| Maximum | 252 |
| OSS name | swversion |
| Read-only | yes |
| Tab Panel | General Card Firmware |
| Type | STRING |

Product Type**Table 3-420 Product Type**

| Name | Value |
|----------------|-----------------------------|
| Description | Specifies the product type. |
| Displayed name | Product Type |
| OSS name | productType |
| Read-only | yes |
| Tab Panel | General Card Firmware |
| Type | STRING |

Provisioned Release
Table 3-421 Provisioned Release

| Name | Value |
|----------------|--|
| Description | Shows the Last provisioned Firmware version, And allow user to configure valid firmware version. |
| Displayed name | Provisioned Release |
| OSS name | provisionRelease |
| Read-only | no |
| Tab Panel | General Card Firmware |
| Type | POINTER |

Provisioned Time**Table 3-422 Provisioned Time**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Description | Shows the Last provisioned time. |
| Displayed name | Provisioned Time |
| OSS name | provisionTime |
| Read-only | yes |
| Tab Panel | General Card Firmware |
| Type | DATE |

Shelf**Table 3-423 Shelf**

| Name | Value |
|----------------|-----------------------|
| Default | yes:1 |
| Description | Shelf ID |
| Displayed name | Shelf |
| OSS name | shelfId |
| Read-only | yes |
| Tab Panel | General Card Firmware |
| Type | INT |

Site ID**Table 3-424 Site ID**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the system address of the network element. |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Card Firmware |
| Type | STRING |

Site Management IP**Table 3-425 Site Management IP**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the management IP address of the network element. |
| Displayed name | Site Management IP |
| Maximum | 50 |
| OSS name | siteMgmtIp |
| Read-only | yes |
| Tab Panel | General Card Firmware |
| Type | STRING |

Site Name**Table 3-426 Site Name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the displayed name of the network element. |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |

Table 3-426 Site Name (continued)

| Name | Value |
|-------------|-----------------------|
| Tab Panel | General Card Firmware |
| Type | STRING |

Slot**Table 3-427 Slot**

| Name | Value |
|----------------|-----------------------|
| Default | yes:1 |
| Description | Slot ID |
| Displayed name | Slot |
| OSS name | slotId |
| Read-only | yes |
| Tab Panel | General Card Firmware |
| Type | INT |

Card Slot parameters**Administrative State****Table 3-428 Administrative State**

| Name | Value |
|--------------------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General Equipment |
| Type | AdministrativeState |
| Enumerated types: | |
| Diagnose | |
| Down | |
| Locked | |
| Maintenance | |
| Not Relevant | |

Table 3-428 Administrative State (continued)

| Name | Value |
|----------------|-------|
| Operate Switch | |
| Shutting Down | |
| Unknown | |
| Unlocked | |
| Up | |

Assigned Card Sub Type**Table 3-429 Assigned Card Sub Type**

| Name | Value |
|--------------------------|------------------------|
| Default | yes:unspecified |
| Displayed name | Assigned Card Sub Type |
| OSS name | assignedCardSubType |
| Read-only | no |
| Tab Panel | General General |
| Type | CardSubType |
| Enumerated types: | |
| 10AN10G | |
| 10ET10G | |
| 10OTH10G | |
| 112PDM11 | |
| 112SA1L | |
| 112SCA1-100GEth | |
| 112SCA1-OTU4 | |
| 112SCX10 | |
| 112SDX11 | |
| 112SNA1-100GEth | |
| 112SNA1-OTU4 | |
| 112SNX10 | |
| 112SX10L | |
| 11DPE12 | |
| 11DPE12A | |
| 11DPE12E | |

Table 3-429 Assigned Card Sub Type (continued)

| Name | Value |
|------------------|-------|
| 11DPM12 | |
| 11DPM4E | |
| 11DPM4M | |
| 11DPM8 | |
| 11OPE8 | |
| 11QCE12X | |
| 11QCUP | |
| 11QCUPC | |
| 11QPA4 | |
| 11QPE24 | |
| 11QPEN4 | |
| 11STAR1 | |
| 11STAR1A | |
| 11STGE12 | |
| 11STMM10 | |
| 130SCA1 | |
| 130SCUP | |
| 130SCUPB | |
| 130SCUPC | |
| 130SCX10 | |
| 130SNX10 | |
| 1AN100G | |
| 1DPP24M-Master | |
| 1DPP24M-Slave | |
| 24ANM | |
| 24ANMB | |
| 24ET1G | |
| 24ET1GB | |
| 260SCX2 | |
| 2AN40G | |
| 43SCA1-OTU3 | |
| 43SCA1-SONET/SDH | |
| 43SCGE1 | |

Table 3-429 Assigned Card Sub Type (continued)

| Name | Value |
|----------------|-------|
| 43SCUP | |
| 43SCX4 | |
| 43SCX4E | |
| 43STA1P | |
| 43STX4 | |
| 43STX4P | |
| 4AN10G | |
| 4DPA2 | |
| 4DPA4 DualTran | |
| 4DPA4 FlexMux | |
| 4QPA8 | |
| 8ET1GB | |
| A2325A | |
| A2P2125 | |
| A4PSWG | |
| AA2DONW | |
| AAR-8A | |
| AHPHG | |
| AHPLG | |
| ALPFGK | |
| ALPFGT | |
| ALPHG | |
| AM2017B | |
| AM2032A | |
| AM2125A | |
| AM2125B | |
| AM2318A | |
| AM2325B | |
| AM2625A | |
| ASWG | |
| BT36 | |
| BT3T8 | |
| BTC | |

Table 3-429 Assigned Card Sub Type (continued)

| Name | Value |
|------------------------|-------|
| BTC3T8 | |
| CWR8 | |
| CWR8-88 | |
| DCM | |
| EC | |
| ECHC | |
| Fan Unit | |
| FAN3T8 | |
| FLC | |
| FLC36 | |
| FLC36EA | |
| FLC64 | |
| HKPCNTL | |
| HPCFAP | |
| ITLB | |
| ITLU | |
| MCS8-16 | |
| MESH4 | |
| MSH8-FSM | |
| MT0C | |
| MT1T9C | |
| MT3T8 | |
| MT960C | |
| MTC1T9 | |
| MVAC | |
| MVAC8B | |
| MXEC320H | |
| Occupied by other Card | |
| OPSA | |
| OPSB | |
| OSC | |
| OSCT | |
| OTDR | |

Table 3-429 Assigned Card Sub Type (continued)

| Name | Value |
|--------|-------|
| PF | |
| PSC1-6 | |
| PSF3T8 | |
| PSFC | |
| PTPCTL | |
| PTPIO | |
| RA2P | |
| SFC1A | |
| SFC1B | |
| SFC1C | |
| SFC1D | |
| SFC1E | |
| SFC1F | |
| SFC1G | |
| SFC1H | |
| SFC2A | |
| SFC2B | |
| SFC2C | |
| SFC2D | |
| SFC4A | |
| SFC4B | |
| SFC8 | |
| SFD40 | |
| SFD40B | |
| SFD44 | |
| SFD44B | |
| SFD4A | |
| SFD4B | |
| SFD4C | |
| SFD4D | |
| SFD4E | |
| SFD4F | |
| SFD4G | |

Table 3-429 Assigned Card Sub Type (continued)

| Name | Value |
|----------------------|-------|
| SFD4H | |
| SFD5A | |
| SFD5B | |
| SFD5C | |
| SFD5D | |
| SFD5E | |
| SFD5F | |
| SFD5G | |
| SFD5H | |
| SFD8A | |
| SFD8B | |
| SFD8C | |
| SFD8D | |
| SVAC | |
| User Interface Panel | |
| WR2-88 | |
| WR20-TF | |
| WR20-TFM | |
| WR8-88A | |
| WR8-88AF | |
| WTOCM | |
| WTOCM-F | |
| WTOCMA | |

Assigned Card Type**Table 3-430 Assigned Card Type**

| Name | Value |
|----------------|--------------------|
| Default | yes:unassigned |
| Displayed name | Assigned Card Type |
| OSS name | assignedChildType |
| Read-only | no |
| Tab Panel | General General |

Table 3-430 Assigned Card Type (continued)

| Name | Value |
|---|----------|
| Type | CardType |
| Enumerated types: | |
| 1 Colour Optical Add/Drop Mux | |
| 1 Tb CPM / Switch Fabric 4 | |
| 1 Tb Switch Fabric 4 | |
| 1 Tb Switch Fabric 5 | |
| 1 x 10-Gig Ethernet | |
| 1 x 10-Gig Ethernet + 10 x 10/100/1000 Ethernet SFP | |
| 1 x 10-Gig Ethernet DWDM Tunable Optics | |
| 1 x 10-Gig Ethernet XFP | |
| 1 x 10-Gig Extended Performance XFP | |
| 1 x 100-Gig Ethernet CFP2 | |
| 1 x 100GE CFP | |
| 1 x Channelized OC12 ASAP | |
| 1 x Channelized OC12 CES | |
| 1 x Channelized OC3 CES | |
| 1 x Channelized OC3 CES CMA | |
| 1 x Gig Ethernet SFP CMA | |
| 1 X Gig Ethernet XP SFP CMA | |
| 1 x OC12 Deep Channel | |
| 1 x OC192 | |
| 1 x Radio Modem | |
| 1 x STM (Channelized) | |
| 1-PAC FP3 IMM | |
| 1-Port 100GE CFP IMM | |
| 1-Port 40GE CFP IMM | |
| 1-Port 40GE OTU3 Long Reach DWDM Tunable IMM | |
| 1-Port OC768 OTU3 Long Reach DWDM Tunable IMM | |
| 10 x 1-Gig Ethernet SFP | |
| 10 x 1-Gig Extended Performance SFP | |
| 10 x 10-Gig Ethernet SFP+ | |
| 10 x 10/100/1000 Ethernet SFP | |
| 10 x 10GE XP SFP+ | |

Table 3-430 Assigned Card Type (continued)

| Name | Value |
|---|-------|
| 10-Port Fast/Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port Gig Ethernet (8 FX, 2 TX) | |
| 10-Port Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port GIGE SFP + 1-Port 10GE SFP+ IMM | |
| 10-Port GIGE SFP + 1-Port 10GE XFP IMM | |
| 10-Port GIGE SFP IMM | |
| 10-Port PoE Fast/Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port PoE Gig Ethernet(8 TX, 2 Dual TX/FX) - S | |
| 10-Port PoE Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 100g CPM / Switch Fabric | |
| 11 x 1G SFP / 22 x 1G CSPF IMM | |
| 12 x 1-Gig Extended Performance SFP | |
| 12 x 10/100/1000 Ethernet SFP + 10 Copper + 4 x 10 GigE XFP | |
| 12 x 100/1000 SFP + 12 x 10/100/1000 Ethernet | |
| 12 x Channelized DS3/E3 ASAP | |
| 12 x DS3/E3 Deep Channel | |
| 12 x Fast Ethernet 100 FX | |
| 12 x Serial Data | |
| 12 x Serial Data v2 | |
| 12-Port 10 Gig Ethernet SFP+ (OS-XNI-U12) | |
| 12-Port 10 Gig Ethernet SFP+ (OS9-XNI-U12E) | |
| 12-Port 10GE SF IMM | |
| 120g CPM / Switch Fabric | |
| 120g Extended Performance CPM / Switch Fabric | |
| 14-Port Gig Ethernet (12 TX (4 PoE), 2 FX) | |
| 16 x ATM OC3 SFP | |
| 16 x ATM OC3 SFP B | |
| 16 x Channelized DS1/E1 ASAP | |
| 16 x Channelized DS1/E1 ASAP v2 | |
| 16 x E1 (ASAP) | |
| 16 x OC12/OC3 SFP | |
| 16 x OC12/OC3 SFP B | |
| 16 x OC3 SFP | |

Table 3-430 Assigned Card Type (continued)

| Name | Value |
|---|-------|
| 16-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U16E) | |
| 2 Colour Optical Add/Drop Mux | |
| 2 PORT 100GE CFP C-XMA | |
| 2 Tb Switch Fabric 5 | |
| 2 x 10 GigE XFP | |
| 2 x 10-Gig Bridged Ethernet XFP + 1 x 2.5G Virtual Ethernet | |
| 2 x 10-Gig Bridged Ethernet XFP + 1 x 2.5G Virtual Ethernet Module | |
| 2 x 10-Gig Ethernet + 12 x 1-Gig Ethernet XP | |
| 2 x 10-Gig Ethernet XFP | |
| 2 x 10-Gig Extended Performance XFP | |
| 2 x 10-Gig MDA IOM | |
| 2 x 10-Gig MDA IOM 2 | |
| 2 x 10-Gig MDA IOM Card, B | |
| 2 x 10-Gig MDA Oversubscribed IOM Card | |
| 2 x 10/100/1000 SFP + 1 x 10/100/1000 SFP/Ethernet Combo + 2 x 10/100/1000 Ethernet | |
| 2 x 10/40 Gig MDA IOM card | |
| 2 x 10GE SFP + 12 x 1GE SFP | |
| 2 x 10Gig Ethernet Extended Performance XFP WaveTracker | |
| 2 x 40 Gig MDA IOM card | |
| 2 x Channelized OC12 ASAP | |
| 2 x Channelized OC3/STM1 ASAP SFP | |
| 2 x DS3 | |
| 2 x Gig Ethernet 1000 FX | |
| 2 x OC12/OC3 CMA | |
| 2 x OC12/OC3 CMA B | |
| 2 x OC192 Extended Performance XFP | |
| 2 x OC48 SFP | |
| 2 x Serial Data + 2 x Channelized DS1/E1 | |
| 2 x STM | |
| 2 x XP MDA IOM 3 | |
| 2 x XP MDA IOM 3, B | |
| 2 x XP MDA IOM 3, C | |
| 2+2 x Ethernet (EAS) | |

Table 3-430 Assigned Card Type (continued)

| Name | Value |
|---|-------|
| 2-PAC FP3 IMM | |
| 2-Port 10 Gig Ethernet XFP (OS9-XNI-U2) | |
| 2-Port 10 Gig Ethernet XFP (OS9-XNI-U2E) | |
| 2-Port 10GE SFP+ IMM | |
| 2-Port 10GE XFP IMM | |
| 2-PPAC FP3 IMM | |
| 2.4 Tb Switch Fabric 5 | |
| 20 PORT 10GE SFP + C-XMA | |
| 20 x 10/100/1000 Ethernet Extended Performance SFP | |
| 20 x 10/100/1000 Ethernet Extended Performance TX | |
| 20 x 10/100/1000 Ethernet SFP | |
| 20 x 10/100/1000 Ethernet Tx | |
| 20 x 100 Ethernet Fx | |
| 20-Port 10 Gig Ethernet (OS6900-T20) | |
| 20-Port 10 Gig Ethernet SFP+ (OS6900-X20) | |
| 200g CPM / Switch Fabric | |
| 200g CPM / Switch Fabric 2 | |
| 22-Port (8 TX, 12 FX, 2 GE) | |
| 22-Port Gig Ethernet (20 TX, 2 FX) (OS9-GNI-C20L) | |
| 24 x 10/100/1000 Ethernet SFP | |
| 24 x 10/100/1000 Ethernet SFP + 2 x 10 GigE XFP | |
| 24 x Fast Ethernet 10/100 FX | |
| 24 x Fast Ethernet 10/100 TX | |
| 24 x Gig Ethernet (20 FX, 4 Dual TX/FX) | |
| 24 x Gig Ethernet (20 TX, 4 Dual TX/FX) | |
| 24-Port (20 x Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 24-Port (20 x PoE Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 24-Port (8 TX, 12 FX, 4 GE) | |
| 24-Port Fast Ethernet Metro(24 TX, 2 Dual TX/FX) | |
| 24-Port Fast Ethernet SME(24 TX, 2 Dual TX/FX) | |
| 24-Port Fast Ethernet SME(24 TX, 2 Dual TX/FX) with DC Power Supply | |
| 24-Port Fast-Ethernet | |
| 24-Port Fast-Ethernet FX | |

Table 3-430 Assigned Card Type (continued)

| Name | Value |
|--|-------|
| 24-Port Fast/Gig Ethernet(24 TX, 2 SFP) | |
| 24-Port Gig Ethernet (2 Dual TX/FX, 22 FX) | |
| 24-Port Gig Ethernet (2 Dual TX/FX, 22 FX) with Internal DC Power Supply | |
| 24-Port Gig Ethernet (20 TX (4 PoE), 4 Dual TX/FX) | |
| 24-Port Gig Ethernet (20 TX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port Gig Ethernet (22 FX, 2 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port Gig Ethernet (22 FX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port Gig Ethernet (22 FX, 2 TX/FX) | |
| 24-Port Gig Ethernet (22 FX, 2 TX/FX, 2 FX/STK) | |
| 24-Port Gig Ethernet (4 Dual TX/FX, 20 TX) | |
| 24-Port Gig Ethernet FX (OS9-GNI-U24) | |
| 24-Port Gig Ethernet FX (OS9-GNI-U24E) | |
| 24-Port Gig Ethernet TX (OS9-GNI-C24) | |
| 24-Port Gig Ethernet TX (OS9-GNI-C24E) | |
| 24-Port Gig Ethernet(20 FX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) - E | |
| 24-Port Gig Ethernet(22 FX, 2 Dual TX/FX, 2 SFP) | |
| 24-Port Gig Ethernet(22 FX, 2 Dual TX/FX, 2 SFP) - S | |
| 24-Port Gig Ethernet(24 TX, 2 SFP) | |
| 24-Port PoE Fast/Gig Ethernet(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) - E | |
| 24-Port PoE Gig Ethernet SME(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet TX (OS9-GNI-P24) | |
| 24-Port PoE Gig Ethernet TX (OS9-GNI-P24E) | |
| 24-Port PoE Gig Ethernet(20 TX, 4 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet(4 Dual TX/FX, 20 TX) | |
| 250g CPM / Switch Fabric 3 | |

Table 3-430 Assigned Card Type (continued)

| Name | Value |
|---|-------|
| 3-Port 40 Gig Ethernet QSFP+ (OS-QNI-U3) | |
| 3-Port 40GIGE QSFP IMM | |
| 32 x Channelized DS1/E1 ASAP v2 | |
| 32 x DS1 | |
| 32 x E1 | |
| 32-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U32E) | |
| 32-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U32S) | |
| 4 Colour Optical Add/Drop Mux | |
| 4 PORT 100GE CFP2 XMA | |
| 4 PORT 100GE CXP XMA | |
| 4 x 10-Gig Extended Performance XFP | |
| 4 x 10/100 Ethernet TX | |
| 4 x 10/100/1000 1Gig SFP + 2 x 10Gig SFP+ + SyncE | |
| 4 x 10/100/1000 Ethernet Tx | |
| 4 x 10GE SFP+ | |
| 4 x ATM OC12/OC3 SFP | |
| 4 x ATM OC12/OC3 SFP B | |
| 4 x Channelized DS3/E3 ASAP | |
| 4 x Channelized OC3 ASAP | |
| 4 x Channelized OC3 CES | |
| 4 x Channelized OC3/OC12 ASAP SFP | |
| 4 x DS1/E1 CE | |
| 4 x DS3/E3 CMA | |
| 4 x DS3/E3 Deep Channel | |
| 4 x Gig Ethernet (2 TX, 2 FX) | |
| 4 x MDA IOM | |
| 4 X MWA Gig Ethernet (2 TX, 2 SFP) + 4 X Gig Ethernet SFP | |
| 4 x OC3 Deep Channel | |
| 4 x OC3/STM1 ASAP SFP | |
| 4 x OC48 SFP | |
| 4 x OC48 SFP B | |
| 4+4 x Ethernet (EAS) | |
| 4-Port 10 Gig Ethernet SFP+ (OS-XNI-U4) | |

Table 3-430 Assigned Card Type (continued)

| Name | Value |
|--|-------|
| 4-Port 100GE CFP4 IMM | |
| 4-Port 100GE CXP IMM | |
| 4-Port 10GE SFP+ IMM | |
| 4-Port 10GE XFP IMM | |
| 4-Port 40 Gig Ethernet QSFP+ (OS10K-QNI-U4E) | |
| 40 PORT 10GE SFP+ XMA | |
| 40-Port 10 Gig Ethernet (OS6900-T40) | |
| 40-Port 10 Gig Ethernet SFP+ (OS6900-X40) | |
| 40-Port 10GE SFP+ IMM | |
| 400g CPM / Switch Fabric | |
| 400g CPM / Switch Fabric 2 | |
| 44 x 1GE CSFP | |
| 48 x Fast Ethernet 10/100 TX | |
| 48 x Gig Ethernet Extended Performance TX | |
| 48-Port (44 x Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 48-Port (44 x PoE Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 48-Port Fast-Ethernet | |
| 48-Port Fast/Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port Gig Ethernet (4 Dual TX/FX, 44 TX) | |
| 48-Port Gig Ethernet (44 TX, 4 Dual TX/FX) | |
| 48-Port Gig Ethernet (46 TX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 48-Port Gig Ethernet + 2 x 10-GigE XFP | |
| 48-Port Gig Ethernet SFP (OS10K-GNI-U48E) | |
| 48-Port Gig Ethernet TX (OS10K-GNI-C48E) | |
| 48-Port Gig Ethernet TX (OS9-GNI-C48T) | |
| 48-Port Gig Ethernet(44 TX, 4 Dual TX/FX) - E | |
| 48-Port Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port GIGE SFP IMM | |
| 48-Port GIGE SFP IMM, B | |
| 48-Port GIGE SFP IMM, C | |
| 48-Port GIGE TX IMM | |
| 48-Port GIGE TX IMM, B | |
| 48-Port PoE Fast/Gig Ethernet(48 TX, 2 SFP) | |

Table 3-430 Assigned Card Type (continued)

| Name | Value |
|--|-------|
| 48-Port PoE Gig Ethernet (44 TX, 4 Dual TX/FX) - E | |
| 48-Port PoE Gig Ethernet (46 TX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 48-Port PoE Gig Ethernet + 2 x 10-GigE XFP | |
| 48-Port PoE Gig Ethernet(4 Dual TX/FX, 44 TX) | |
| 48-Port PoE Gig Ethernet(44 TX, 4 Dual TX/FX) | |
| 48-Port PoE Gig Ethernet(48 TX, 2 SFP) | |
| 5 x 1-Gig Ethernet SFP | |
| 5 x 10/100/1000 Ethernet SFP | |
| 5 X Gig Ethernet XP SFP CMA | |
| 5-Port 10GE XFP IMM | |
| 500g CPM / Switch Fabric 3 | |
| 500g CPM / Switch Fabric 4 | |
| 6 PORT 40GE QSFP C-XMA | |
| 6 x 10/100 Ethernet + 2 x 10/100/1000 Ethernet SFP | |
| 6 x 10/100 Ethernet + 2 x 10/100/1000 Ethernet SFP v2 | |
| 6 x 100/1000 SFP + 4 x 10/100/1000 Ethernet | |
| 6 x 10GE SFP + 1 x 40GE QSFP+ | |
| 6 x EM | |
| 6 x FXS Interface | |
| 6-Port 10 Gig Ethernet XFP (OS9-XNI-U6) | |
| 6-Port Gig Ethernet (4 x 10 Gig SFP+, 2 x 40 Gig QSFP+) (OS-HNI-U6) | |
| 60 x 10/100 Ethernet | |
| 72 PORT 1GE SFP C-XMA | |
| 7210 CPM, Internal | |
| 7210 IOM | |
| 7705 1g CSM | |
| 7705 1g/10g CSM | |
| 7705 2.5g CSM | |
| 7705 IOM | |
| 7705 SAR-8 1g/10g CSM | |
| 7710 CFM | |
| 7710 IOM | |
| 7750-SRc4 CFM-C4-XP | |

Table 3-430 Assigned Card Type (continued)

| Name | Value |
|--|-------|
| 7750-SRc4 IOM-C4-XP | |
| 7850 CPM DCOR | |
| 7850 CPM VSA | |
| 7850 CPM VSA-2 | |
| 7850 CPM VSG | |
| 8 Colour Optical Add/Drop Mux | |
| 8 x 10/100 Ethernet Tx CMA | |
| 8 x 10/100/1000 Ethernet SFP | |
| 8 x 10/100/1000 Ethernet SFP v2 | |
| 8 x 10/100/1000 Ethernet SFP v3 | |
| 8 X ATM DS1/E1 CMA | |
| 8 x DS1/E1 Channel CMA | |
| 8 x Fast Ethernet 10/100 TX | |
| 8 x FXO Interface | |
| 8 x OC12/OC3 SFP | |
| 8 x OC3 SFP | |
| 8 x Voice Teleprotection Interface | |
| 8-Port 10 Gig Ethernet (OS-XNI-T8) | |
| 8-Port 10GE XFP IMM | |
| 8-Port 10GE XFP IMM, B | |
| 8-Port 40 Gig Ethernet QSFP+ (OS10K-QNI-U8E) | |
| 8-Port Fast Ethernet Metro(8 TX, 2 Dual TX/FX) | |
| 80g CPM / Switch Fabric 2 | |
| Amplifier and Associated Cards | |
| ATCA Blade | |
| ATCA Hub | |
| ATCA ShMC | |
| AUX | |
| Auxiliary Alarm | |
| Base Band | |
| Blade | |
| Board | |
| CFM-XP | |

Table 3-430 Assigned Card Type (continued)

| Name | Value |
|---|-------|
| CFM-XP-B | |
| Control Board | |
| Controller | |
| CORE | |
| CORE-ENH | |
| CPM / Switch Fabric 4 E | |
| CPM 5 | |
| CPM A | |
| CPM X16 | |
| CPM X20 | |
| DCM Module | |
| DCM:Dispersion Comp. Card | |
| DSL Module | |
| EASv2 | |
| EC:Equipment Controller Card | |
| Eth Card-A | |
| Eth Card-B | |
| Fan Unit | |
| Filter Card | |
| Generic Card | |
| Gig Ethernet SFP | |
| GPON Module | |
| HP Workstation | |
| HSMDA 1 x 10-Gig XFP, B | |
| HSMDA 10 x 1 Gig SFP | |
| i1 x GPS Rx | |
| i16 x Channelized DS1/E1 ASAP | |
| i16 x Channelized DS1/E1 ASAP v2 | |
| i2 x 10/100/Gig Ethernet SFP + 4 x 10/100/Gig Ethernet TX RJ45 | |
| i2 x Serial Data | |
| i3 x 10/100/1000 Copper Ethernet + 4 x 10/100/1000 Ethernet SFP | |
| i3 x Gig SFP + 1 x 10/100/1000 Copper SyncE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper PoE | |

Table 3-430 Assigned Card Type (continued)

| Name | Value |
|------|--|
| | i3 x Gig SFP + 2 x 10/100/1000 Copper PoE+ SyncE |
| | i3 x Gig SFP + 2 x 10/100/1000 Copper SyncE |
| | i4 x 10/100/Gig Ethernet(2 SFP, 2 SFP/RJ45 Combo) + 4 x (PoE) 10/100/Gig Ethernet TX |
| | i4 x xDSL Ports |
| | i8 x 10/100/1000 Ethernet SFP v3 |
| | i8 x Channelized DS1/E1 ASAP |
| | i8 x MWA Gig Ethernet (100/1000 SFP, 10/100/1000 RJ45) + 4 x FE (10/100 RJ45) |
| | ICM 2 x 10-Gig Extended Performance XFP |
| | IMM 1 x 100GE CFP |
| | IMM 1 x 40GE Extended Performance CFP |
| | IMM 1 x 40GE OTU3 DWDM Tunable Optics |
| | IMM 1 x OC768 OTU3 DWDM Tunable Optics |
| | IMM 10 x 10/100/1000 SFP + 1 x 10GE SFP+ |
| | IMM 10 x 10/100/1000 Ethernet SFP |
| | IMM 10 x 10/100/1000 Ethernet SFP + 1 x 10G XFP |
| | IMM 11 x 10/100/1000 Ethernet SPF/ 22 x 10/100/1000 Ethernet CSFP |
| | IMM 12 x 10GE SF |
| | IMM 2 x 10G SFP+ |
| | IMM 2 x 10G XFP |
| | IMM 2 x 10GE Extended Performance XFP |
| | IMM 24 x 10/100/1000 Ethernet Extended Performance SFP |
| | IMM 24 x 10/100/1000 Ethernet Extended Performance TX |
| | IMM 3 x 40GE Extended Performance QSFP |
| | IMM 4 x 100GE CFP4 |
| | IMM 4 x 100GE CXP |
| | IMM 4 x 10G SFP+ |
| | IMM 4 x 10GE Extended Performance XFP |
| | IMM 40 x 10GE SFP |
| | IMM 5 x 10GE Extended Performance XFP |
| | IMM P1 x 100GE CFP |
| | IMM P1 x 100GE OTU4 DWDM Tunable Optics |
| | IMM P10 x 10GE SFP |
| | IMM P20 x 1GE SFP |

Table 3-430 Assigned Card Type (continued)

| Name | Value |
|---------------------------------------|-------|
| IMM P3 x 40GE QSFP | |
| IMM P6 x 10GE SFP | |
| Integrated Services Card | |
| IOM (CPAA) | |
| IOM-XP | |
| IOM-XP-B | |
| ISA Application Assurance | |
| ISA Broadband Applications | |
| ISA IP Reassembly | |
| ISA IP Security | |
| ISA Mobile | |
| ISA Multi-Service | |
| ISA Multi-Service Export | |
| ISA TMS | |
| ISA Tunnel | |
| ISA Video | |
| ISA-2 IP Reassembly | |
| ISA-2 IP Security | |
| ISA-2 Mobile | |
| ISA2 Application Assurance | |
| ISA2 Broadband Applications | |
| ISA2 Multi Service | |
| ISA2 Tunnel | |
| ISM Mobile | |
| ISM Mobile 2-PAC FP3 | |
| ISM Mobile B | |
| ITLB:Interleaver Card | |
| ITLU:Interleaver Card, Unidirectional | |
| m15-40g-qsfp | |
| m32-10g-sfp+16-40g-qsfp | |
| MCM-v1 | |
| MCM-XP | |
| MPRe IOM | |

Table 3-430 Assigned Card Type (continued)

| Name | Value |
|---|-------|
| MSH8-FSM:Mesh 8 Degree Fiber Shuffle Card | |
| MSS1 | |
| No Change | |
| No Daughter Card | |
| No MCM Card | |
| No Processor/Base Card | |
| NUAGE-1 VSC CPM | |
| Optical Client/Line Cards | |
| Optical Transponder Card | |
| OS10K-CFM | |
| OS10K-CMM | |
| OS9600-CMM | |
| OS9700-CMM | |
| OS9700E-CMM | |
| OS9800-CMM | |
| OS9800E-CMM | |
| p1 x GPS Rx | |
| PDN Gateway | |
| PF:Power Filter Card | |
| Power Amplifier-A | |
| Power Amplifier-B | |
| Power Injector Card | |
| Power Supply-A | |
| Power Supply-B | |
| PSC 1x6 Splitter/Combiner | |
| PTP Card | |
| Receiver-A | |
| Receiver-B | |
| Relay Card | |
| SBBU Extension Card | |
| SBBU Interface Card | |
| SFAN | |
| SFM X16 | |

Table 3-430 Assigned Card Type (continued)

| Name | Value |
|--|-------|
| SFM X16 B | |
| SFM X20 | |
| SFM X20 B | |
| SFM X20S B | |
| Sun Netra | |
| Sun Workstation | |
| TMN Card | |
| Transmitter-A | |
| Transmitter-B | |
| Unsupported Daughter Card | |
| Unsupported MCM Card | |
| Unsupported Processor/Base Card | |
| User Interface Panel | |
| VSM Cross Connect Adaptor | |
| VSM Cross Connect Adaptor Extended Performance | |
| Wavelength Router Card | |
| X4170 | |
| XCM X16 | |
| XCM X16w | |
| XCM X20 | |
| XMDA 1p x 10GigE / 10p x 1GigE SFP | |
| XMDA 1p x 10GigE / 10p x 1GigE SFP v2 | |

Background Diagnostics Fault Reason**Table 3-431 Background Diagnostics Fault Reason**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Displayed name | Background Diagnostics Fault Reason |
| OSS name | backgroundDiagnosticsFaultReason |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Background Diagnostics State

Table 3-432 Background Diagnostics State

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:unknown |
| Displayed name | Background Diagnostics State |
| OSS name | backgroundDiagnosticsState |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | BackgroundDiagnosticsStateType |
| Enumerated types: | |
| Critical Fault Detected | |
| Fault Detected | |
| N/A | |
| Ok | |
| Unknown | |

Capability

Table 3-433 Capability

| Name | Value |
|--------------------------|-------------------------|
| Default | yes:ess |
| Displayed name | Capability |
| OSS name | cardCapability |
| Read-only | no |
| Tab Panel | General Card Capability |
| Type | CardCapabilities |
| Enumerated types: | |
| ess | |
| sr | |

Card Mismatch

Table 3-434 Card Mismatch

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-434 Card Mismatch (continued)

| Name | Value |
|----------------|-------------------------|
| Displayed name | Card Mismatch |
| OSS name | replaceableUnitMismatch |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

CLEI Code**Table 3-435 CLEI Code**

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General Equipment Location Codes |
| Type | STRING |

Commands**Table 3-436 Commands**

| Name | Value |
|--------------------------|--------------------------------------|
| Default | yes:noRequest |
| Displayed name | Commands |
| OSS name | protectionSwitchCommands |
| Read-only | no |
| Tab Panel | General Protection Scheme Parameters |
| Type | Commands |
| Enumerated types: | |
| Forced | |
| Lockout | |
| Manual | |

Table 3-436 Commands (continued)

| Name | Value |
|------|-------|
| None | |

Current Command**Table 3-437 Current Command**

| Name | Value |
|--------------------------|--------------------------------------|
| Default | yes:noRequest |
| Displayed name | Current Command |
| OSS name | currentSwitchCommand |
| Read-only | yes |
| Tab Panel | General Protection Scheme Parameters |
| Type | Commands |
| Enumerated types: | |
| Forced | |
| Lockout | |
| Manual | |
| None | |

Equipped Card Sub Type**Table 3-438 Equipped Card Sub Type**

| Name | Value |
|--------------------------|------------------------|
| Default | yes:unspecified |
| Displayed name | Equipped Card Sub Type |
| OSS name | equippedCardSubType |
| Read-only | no |
| Tab Panel | General General |
| Type | CardSubType |
| Enumerated types: | |
| 10AN10G | |
| 10ET10G | |
| 10OTH10G | |
| 112PDM11 | |

Table 3-438 Equipped Card Sub Type (continued)

| Name | Value |
|-----------------|-------|
| 112SA1L | |
| 112SCA1-100GEth | |
| 112SCA1-OTU4 | |
| 112SCX10 | |
| 112SDX11 | |
| 112SNA1-100GEth | |
| 112SNA1-OTU4 | |
| 112SNX10 | |
| 112SX10L | |
| 11DPE12 | |
| 11DPE12A | |
| 11DPE12E | |
| 11DPM12 | |
| 11DPM4E | |
| 11DPM4M | |
| 11DPM8 | |
| 11OPE8 | |
| 11QCE12X | |
| 11QCUP | |
| 11QCUPC | |
| 11QPA4 | |
| 11QPE24 | |
| 11QPEN4 | |
| 11STAR1 | |
| 11STAR1A | |
| 11STGE12 | |
| 11STMM10 | |
| 130SCA1 | |
| 130SCUP | |
| 130SCUPB | |
| 130SCUPC | |
| 130SCX10 | |
| 130SNX10 | |

Table 3-438 Equipped Card Sub Type (continued)

| Name | Value |
|------------------|-------|
| 1AN100G | |
| 1DPP24M-Master | |
| 1DPP24M-Slave | |
| 24ANM | |
| 24ANMB | |
| 24ET1G | |
| 24ET1GB | |
| 260SCX2 | |
| 2AN40G | |
| 43SCA1-OTU3 | |
| 43SCA1-SONET/SDH | |
| 43SCGE1 | |
| 43SCUP | |
| 43SCX4 | |
| 43SCX4E | |
| 43STA1P | |
| 43STX4 | |
| 43STX4P | |
| 4AN10G | |
| 4DPA2 | |
| 4DPA4 DualTran | |
| 4DPA4 FlexMux | |
| 4QPA8 | |
| 8ET1GB | |
| A2325A | |
| A2P2125 | |
| A4PSWG | |
| AA2DONW | |
| AAR-8A | |
| AHPHG | |
| AHPLG | |
| ALPFGK | |
| ALPFGT | |

Table 3-438 Equipped Card Sub Type (continued)

| Name | Value |
|----------|-------|
| ALPHG | |
| AM2017B | |
| AM2032A | |
| AM2125A | |
| AM2125B | |
| AM2318A | |
| AM2325B | |
| AM2625A | |
| ASWG | |
| BT36 | |
| BT3T8 | |
| BTC | |
| BTC3T8 | |
| CWR8 | |
| CWR8-88 | |
| DCM | |
| EC | |
| ECHC | |
| Fan Unit | |
| FAN3T8 | |
| FLC | |
| FLC36 | |
| FLC36EA | |
| FLC64 | |
| HKPCNTL | |
| HPCFAP | |
| ITLB | |
| ITLU | |
| MCS8-16 | |
| MESH4 | |
| MSH8-FSM | |
| MT0C | |
| MT1T9C | |

Table 3-438 Equipped Card Sub Type (continued)

| Name | Value |
|------------------------|-------|
| MT3T8 | |
| MT960C | |
| MTC1T9 | |
| MVAC | |
| MVAC8B | |
| MXEC320H | |
| Occupied by other Card | |
| OPSA | |
| OPSB | |
| OSC | |
| OSCT | |
| OTDR | |
| PF | |
| PSC1-6 | |
| PSF3T8 | |
| PSFC | |
| PTPCTL | |
| PTPIO | |
| RA2P | |
| SFC1A | |
| SFC1B | |
| SFC1C | |
| SFC1D | |
| SFC1E | |
| SFC1F | |
| SFC1G | |
| SFC1H | |
| SFC2A | |
| SFC2B | |
| SFC2C | |
| SFC2D | |
| SFC4A | |
| SFC4B | |

Table 3-438 Equipped Card Sub Type (continued)

| Name | Value |
|----------------------|-------|
| SFC8 | |
| SFD40 | |
| SFD40B | |
| SFD44 | |
| SFD44B | |
| SFD4A | |
| SFD4B | |
| SFD4C | |
| SFD4D | |
| SFD4E | |
| SFD4F | |
| SFD4G | |
| SFD4H | |
| SFD5A | |
| SFD5B | |
| SFD5C | |
| SFD5D | |
| SFD5E | |
| SFD5F | |
| SFD5G | |
| SFD5H | |
| SFD8A | |
| SFD8B | |
| SFD8C | |
| SFD8D | |
| SVAC | |
| User Interface Panel | |
| WR2-88 | |
| WR20-TF | |
| WR20-TFM | |
| WR8-88A | |
| WR8-88AF | |
| WTOCM | |

Table 3-438 Equipped Card Sub Type (continued)

| Name | Value |
|---------|-------|
| WTOCM-F | |
| WTOCMA | |

Equipped Card Type**Table 3-439 Equipped Card Type**

| Name | Value |
|---|--------------------|
| Default | yes:unassigned |
| Displayed name | Equipped Card Type |
| OSS name | equippedChildType |
| Read-only | yes |
| Tab Panel | General General |
| Type | CardType |
| Enumerated types: | |
| 1 Colour Optical Add/Drop Mux | |
| 1 Tb CPM / Switch Fabric 4 | |
| 1 Tb Switch Fabric 4 | |
| 1 Tb Switch Fabric 5 | |
| 1 x 10-Gig Ethernet | |
| 1 x 10-Gig Ethernet + 10 x 10/100/1000 Ethernet SFP | |
| 1 x 10-Gig Ethernet DWDM Tunable Optics | |
| 1 x 10-Gig Ethernet XFP | |
| 1 x 10-Gig Extended Performance XFP | |
| 1 x 100-Gig Ethernet CFP2 | |
| 1 x 100GE CFP | |
| 1 x Channelized OC12 ASAP | |
| 1 x Channelized OC12 CES | |
| 1 x Channelized OC3 CES | |
| 1 x Channelized OC3 CES CMA | |
| 1 x Gig Ethernet SFP CMA | |
| 1 X Gig Ethernet XP SFP CMA | |
| 1 x OC12 Deep Channel | |
| 1 x OC192 | |

Table 3-439 Equipped Card Type (continued)

| Name | Value |
|---|-------|
| 1 x Radio Modem | |
| 1 x STM (Channelized) | |
| 1-PAC FP3 IMM | |
| 1-Port 100GE CFP IMM | |
| 1-Port 40GE CFP IMM | |
| 1-Port 40GE OTU3 Long Reach DWDM Tunable IMM | |
| 1-Port OC768 OTU3 Long Reach DWDM Tunable IMM | |
| 10 x 1-Gig Ethernet SFP | |
| 10 x 1-Gig Extended Performance SFP | |
| 10 x 10-Gig Ethernet SFP+ | |
| 10 x 10/100/1000 Ethernet SFP | |
| 10 x 10GE XP SFP+ | |
| 10-Port Fast/Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port Gig Ethernet (8 FX, 2 TX) | |
| 10-Port Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port GIGE SFP + 1-Port 10GE SFP+ IMM | |
| 10-Port GIGE SFP + 1-Port 10GE XFP IMM | |
| 10-Port GIGE SFP IMM | |
| 10-Port PoE Fast/Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port PoE Gig Ethernet(8 TX, 2 Dual TX/FX) - S | |
| 10-Port PoE Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 100g CPM / Switch Fabric | |
| 11 x 1G SFP / 22 x 1G CSPF IMM | |
| 12 x 1-Gig Extended Performance SFP | |
| 12 x 10/100/1000 Ethernet SFP + 10 Copper + 4 x 10 GigE XFP | |
| 12 x 100/1000 SFP + 12 x 10/100/1000 Ethernet | |
| 12 x Channelized DS3/E3 ASAP | |
| 12 x DS3/E3 Deep Channel | |
| 12 x Fast Ethernet 100 FX | |
| 12 x Serial Data | |
| 12 x Serial Data v2 | |
| 12-Port 10 Gig Ethernet SFP+ (OS-XNI-U12) | |
| 12-Port 10 Gig Ethernet SFP+ (OS9-XNI-U12E) | |

Table 3-439 Equipped Card Type (continued)

| Name | Value |
|---|-------|
| 12-Port 10GE SF IMM | |
| 120g CPM / Switch Fabric | |
| 120g Extended Performance CPM / Switch Fabric | |
| 14-Port Gig Ethernet (12 TX (4 PoE), 2 FX) | |
| 16 x ATM OC3 SFP | |
| 16 x ATM OC3 SFP B | |
| 16 x Channelized DS1/E1 ASAP | |
| 16 x Channelized DS1/E1 ASAP v2 | |
| 16 x E1 (ASAP) | |
| 16 x OC12/OC3 SFP | |
| 16 x OC12/OC3 SFP B | |
| 16 x OC3 SFP | |
| 16-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U16E) | |
| 2 Colour Optical Add/Drop Mux | |
| 2 PORT 100GE CFP C-XMA | |
| 2 Tb Switch Fabric 5 | |
| 2 x 10 GigE XFP | |
| 2 x 10-Gig Bridged Ethernet XFP + 1 x 2.5G Virtual Ethernet | |
| 2 x 10-Gig Bridged Ethernet XFP + 1 x 2.5G Virtual Ethernet Module | |
| 2 x 10-Gig Ethernet + 12 x 1-Gig Ethernet XP | |
| 2 x 10-Gig Ethernet XFP | |
| 2 x 10-Gig Extended Performance XFP | |
| 2 x 10-Gig MDA IOM | |
| 2 x 10-Gig MDA IOM 2 | |
| 2 x 10-Gig MDA IOM Card, B | |
| 2 x 10-Gig MDA Oversubscribed IOM Card | |
| 2 x 10/100/1000 SFP + 1 x 10/100/1000 SFP/Ethernet Combo + 2 x 10/100/1000 Ethernet | |
| 2 x 10/40 Gig MDA IOM card | |
| 2 x 10GE SFP + 12 x 1GE SFP | |
| 2 x 10Gig Ethernet Extended Performance XFP WaveTracker | |
| 2 x 40 Gig MDA IOM card | |
| 2 x Channelized OC12 ASAP | |
| 2 x Channelized OC3/STM1 ASAP SFP | |

Table 3-439 Equipped Card Type (continued)

| Name | Value |
|--|-------|
| 2 x DS3 | |
| 2 x Gig Ethernet 1000 FX | |
| 2 x OC12/OC3 CMA | |
| 2 x OC12/OC3 CMA B | |
| 2 x OC192 Extended Performance XFP | |
| 2 x OC48 SFP | |
| 2 x Serial Data + 2 x Channelized DS1/E1 | |
| 2 x STM | |
| 2 x XP MDA IOM 3 | |
| 2 x XP MDA IOM 3, B | |
| 2 x XP MDA IOM 3, C | |
| 2+2 x Ethernet (EAS) | |
| 2-PAC FP3 IMM | |
| 2-Port 10 Gig Ethernet XFP (OS9-XNI-U2) | |
| 2-Port 10 Gig Ethernet XFP (OS9-XNI-U2E) | |
| 2-Port 10GE SFP+ IMM | |
| 2-Port 10GE XFP IMM | |
| 2-PPAC FP3 IMM | |
| 2.4 Tb Switch Fabric 5 | |
| 20 PORT 10GE SFP + C-XMA | |
| 20 x 10/100/1000 Ethernet Extended Performance SFP | |
| 20 x 10/100/1000 Ethernet Extended Performance TX | |
| 20 x 10/100/1000 Ethernet SFP | |
| 20 x 10/100/1000 Ethernet Tx | |
| 20 x 100 Ethernet Fx | |
| 20-Port 10 Gig Ethernet (OS6900-T20) | |
| 20-Port 10 Gig Ethernet SFP+ (OS6900-X20) | |
| 200g CPM / Switch Fabric | |
| 200g CPM / Switch Fabric 2 | |
| 22-Port (8 TX, 12 FX, 2 GE) | |
| 22-Port Gig Ethernet (20 TX, 2 FX) (OS9-GNI-C20L) | |
| 24 x 10/100/1000 Ethernet SFP | |
| 24 x 10/100/1000 Ethernet SFP + 2 x 10 GigE XFP | |

Table 3-439 Equipped Card Type (continued)

| Name | Value |
|--|-------|
| 24 x Fast Ethernet 10/100 FX | |
| 24 x Fast Ethernet 10/100 TX | |
| 24 x Gig Ethernet (20 FX, 4 Dual TX/FX) | |
| 24 x Gig Ethernet (20 TX, 4 Dual TX/FX) | |
| 24-Port (20 x Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 24-Port (20 x PoE Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 24-Port (8 TX, 12 FX, 4 GE) | |
| 24-Port Fast Ethernet Metro(24 TX, 2 Dual TX/FX) | |
| 24-Port Fast Ethernet SME(24 TX, 2 Dual TX/FX) | |
| 24-Port Fast Ethernet SME(24 TX, 2 Dual TX/FX) with DC Power Supply | |
| 24-Port Fast-Ethernet | |
| 24-Port Fast-Ethernet FX | |
| 24-Port Fast/Gig Ethernet(24 TX, 2 SFP) | |
| 24-Port Gig Ethernet (2 Dual TX/FX, 22 FX) | |
| 24-Port Gig Ethernet (2 Dual TX/FX, 22 FX) with Internal DC Power Supply | |
| 24-Port Gig Ethernet (20 TX (4 PoE), 4 Dual TX/FX) | |
| 24-Port Gig Ethernet (20 TX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port Gig Ethernet (22 FX, 2 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port Gig Ethernet (22 FX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port Gig Ethernet (22 FX, 2 TX/FX) | |
| 24-Port Gig Ethernet (22 FX, 2 TX/FX, 2 FX/STK) | |
| 24-Port Gig Ethernet (4 Dual TX/FX, 20 TX) | |
| 24-Port Gig Ethernet FX (OS9-GNI-U24) | |
| 24-Port Gig Ethernet FX (OS9-GNI-U24E) | |
| 24-Port Gig Ethernet TX (OS9-GNI-C24) | |
| 24-Port Gig Ethernet TX (OS9-GNI-C24E) | |
| 24-Port Gig Ethernet(20 FX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) - E | |
| 24-Port Gig Ethernet(22 FX, 2 Dual TX/FX, 2 SFP) | |
| 24-Port Gig Ethernet(22 FX, 2 Dual TX/FX, 2 SFP) - S | |

Table 3-439 Equipped Card Type (continued)

| Name | Value |
|--|-------|
| 24-Port Gig Ethernet(24 TX, 2 SFP) | |
| 24-Port PoE Fast/Gig Ethernet(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) - E | |
| 24-Port PoE Gig Ethernet SME(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet TX (OS9-GNI-P24) | |
| 24-Port PoE Gig Ethernet TX (OS9-GNI-P24E) | |
| 24-Port PoE Gig Ethernet(20 TX, 4 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet(4 Dual TX/FX, 20 TX) | |
| 250g CPM / Switch Fabric 3 | |
| 3-Port 40 Gig Ethernet QSFP+ (OS-QNI-U3) | |
| 3-Port 40GIGE QSFP IMM | |
| 32 x Channelized DS1/E1 ASAP v2 | |
| 32 x DS1 | |
| 32 x E1 | |
| 32-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U32E) | |
| 32-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U32S) | |
| 4 Colour Optical Add/Drop Mux | |
| 4 PORT 100GE CFP2 XMA | |
| 4 PORT 100GE CXP XMA | |
| 4 x 10-Gig Extended Performance XFP | |
| 4 x 10/100 Ethernet TX | |
| 4 x 10/100/1000 1Gig SFP + 2 x 10Gig SFP+ + SyncE | |
| 4 x 10/100/1000 Ethernet Tx | |
| 4 x 10GE SFP+ | |
| 4 x ATM OC12/OC3 SFP | |
| 4 x ATM OC12/OC3 SFP B | |
| 4 x Channelized DS3/E3 ASAP | |
| 4 x Channelized OC3 ASAP | |
| 4 x Channelized OC3 CES | |
| 4 x Channelized OC3/OC12 ASAP SFP | |

Table 3-439 Equipped Card Type (continued)

| Name | Value |
|--|-------|
| 4 x DS1/E1 CE | |
| 4 x DS3/E3 CMA | |
| 4 x DS3/E3 Deep Channel | |
| 4 x Gig Ethernet (2 TX, 2 FX) | |
| 4 x MDA IOM | |
| 4 X MWA Gig Ethernet (2 TX, 2 SFP) + 4 X Gig Ethernet SFP | |
| 4 x OC3 Deep Channel | |
| 4 x OC3/STM1 ASAP SFP | |
| 4 x OC48 SFP | |
| 4 x OC48 SFP B | |
| 4+4 x Ethernet (EAS) | |
| 4-Port 10 Gig Ethernet SFP+ (OS-XNI-U4) | |
| 4-Port 100GE CFP4 IMM | |
| 4-Port 100GE CXP IMM | |
| 4-Port 10GE SFP+ IMM | |
| 4-Port 10GE XFP IMM | |
| 4-Port 40 Gig Ethernet QSFP+ (OS10K-QNI-U4E) | |
| 40 PORT 10GE SFP+ XMA | |
| 40-Port 10 Gig Ethernet (OS6900-T40) | |
| 40-Port 10 Gig Ethernet SFP+ (OS6900-X40) | |
| 40-Port 10GE SFP+ IMM | |
| 400g CPM / Switch Fabric | |
| 400g CPM / Switch Fabric 2 | |
| 44 x 1GE CSFP | |
| 48 x Fast Ethernet 10/100 TX | |
| 48 x Gig Ethernet Extended Performance TX | |
| 48-Port (44 x Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 48-Port (44 x PoE Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 48-Port Fast-Ethernet | |
| 48-Port Fast/Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port Gig Ethernet (4 Dual TX/FX, 44 TX) | |
| 48-Port Gig Ethernet (44 TX, 4 Dual TX/FX) | |
| 48-Port Gig Ethernet (46 TX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |

Table 3-439 Equipped Card Type (continued)

| Name | Value |
|--|-------|
| 48-Port Gig Ethernet + 2 x 10-GigE XFP | |
| 48-Port Gig Ethernet SFP (OS10K-GNI-U48E) | |
| 48-Port Gig Ethernet TX (OS10K-GNI-C48E) | |
| 48-Port Gig Ethernet TX (OS9-GNI-C48T) | |
| 48-Port Gig Ethernet(44 TX, 4 Dual TX/FX) - E | |
| 48-Port Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port GIGE SFP IMM | |
| 48-Port GIGE SFP IMM, B | |
| 48-Port GIGE SFP IMM, C | |
| 48-Port GIGE TX IMM | |
| 48-Port GIGE TX IMM, B | |
| 48-Port PoE Fast/Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port PoE Gig Ethernet (44 TX, 4 Dual TX/FX) - E | |
| 48-Port PoE Gig Ethernet (46 TX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 48-Port PoE Gig Ethernet + 2 x 10-GigE XFP | |
| 48-Port PoE Gig Ethernet(4 Dual TX/FX, 44 TX) | |
| 48-Port PoE Gig Ethernet(44 TX, 4 Dual TX/FX) | |
| 48-Port PoE Gig Ethernet(48 TX, 2 SFP) | |
| 5 x 1-Gig Ethernet SFP | |
| 5 x 10/100/1000 Ethernet SFP | |
| 5 X Gig Ethernet XP SFP CMA | |
| 5-Port 10GE XFP IMM | |
| 500g CPM / Switch Fabric 3 | |
| 500g CPM / Switch Fabric 4 | |
| 6 PORT 40GE QSFP C-XMA | |
| 6 x 10/100 Ethernet + 2 x 10/100/1000 Ethernet SFP | |
| 6 x 10/100 Ethernet + 2 x 10/100/1000 Ethernet SFP v2 | |
| 6 x 100/1000 SFP + 4 x 10/100/1000 Ethernet | |
| 6 x 10GE SFP + 1 x 40GE QSFP+ | |
| 6 x EM | |
| 6 x FXS Interface | |
| 6-Port 10 Gig Ethernet XFP (OS9-XNI-U6) | |
| 6-Port Gig Ethernet (4 x 10 Gig SFP+, 2 x 40 Gig QSFP+) (OS-HNI-U6) | |

Table 3-439 Equipped Card Type (continued)

| Name | Value |
|--|-------|
| 60 x 10/100 Ethernet | |
| 72 PORT 1GE SFP C-XMA | |
| 7210 CPM, Internal | |
| 7210 IOM | |
| 7705 1g CSM | |
| 7705 1g/10g CSM | |
| 7705 2.5g CSM | |
| 7705 IOM | |
| 7705 SAR-8 1g/10g CSM | |
| 7710 CFM | |
| 7710 IOM | |
| 7750-SRc4 CFM-C4-XP | |
| 7750-SRc4 IOM-C4-XP | |
| 7850 CPM DCOR | |
| 7850 CPM VSA | |
| 7850 CPM VSA-2 | |
| 7850 CPM VSG | |
| 8 Colour Optical Add/Drop Mux | |
| 8 x 10/100 Ethernet Tx CMA | |
| 8 x 10/100/1000 Ethernet SFP | |
| 8 x 10/100/1000 Ethernet SFP v2 | |
| 8 x 10/100/1000 Ethernet SFP v3 | |
| 8 X ATM DS1/E1 CMA | |
| 8 x DS1/E1 Channel CMA | |
| 8 x Fast Ethernet 10/100 TX | |
| 8 x FXO Interface | |
| 8 x OC12/OC3 SFP | |
| 8 x OC3 SFP | |
| 8 x Voice Teleprotection Interface | |
| 8-Port 10 Gig Ethernet (OS-XNI-T8) | |
| 8-Port 10GE XFP IMM | |
| 8-Port 10GE XFP IMM, B | |
| 8-Port 40 Gig Ethernet QSFP+ (OS10K-QNI-U8E) | |

Table 3-439 Equipped Card Type (continued)

| Name | Value |
|--|-------|
| 8-Port Fast Ethernet Metro(8 TX, 2 Dual TX/FX) | |
| 80g CPM / Switch Fabric 2 | |
| Amplifier and Associated Cards | |
| ATCA Blade | |
| ATCA Hub | |
| ATCA ShMC | |
| AUX | |
| Auxiliary Alarm | |
| Base Band | |
| Blade | |
| Board | |
| CFM-XP | |
| CFM-XP-B | |
| Control Board | |
| Controller | |
| CORE | |
| CORE-ENH | |
| CPM / Switch Fabric 4 E | |
| CPM 5 | |
| CPM A | |
| CPM X16 | |
| CPM X20 | |
| DCM Module | |
| DCM:Dispersion Comp. Card | |
| DSL Module | |
| EASv2 | |
| EC:Equipment Controller Card | |
| Eth Card-A | |
| Eth Card-B | |
| Fan Unit | |
| Filter Card | |
| Generic Card | |
| Gig Ethernet SFP | |

Table 3-439 Equipped Card Type (continued)

| Name | Value |
|--|-------|
| GPON Module | |
| HP Workstation | |
| HSMDA 1 x 10-Gig XFP, B | |
| HSMDA 10 x 1 Gig SFP | |
| i1 x GPS Rx | |
| i16 x Channelized DS1/E1 ASAP | |
| i16 x Channelized DS1/E1 ASAP v2 | |
| i2 x 10/100/Gig Ethernet SFP + 4 x 10/100/Gig Ethernet TX RJ45 | |
| i2 x Serial Data | |
| i3 x 10/100/1000 Copper Ethernet + 4 x 10/100/1000 Ethernet SFP | |
| i3 x Gig SFP + 1 x 10/100/1000 Copper SyncE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper PoE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper PoE+ SyncE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper SyncE | |
| i4 x 10/100/Gig Ethernet(2 SFP, 2 SFP/RJ45 Combo) + 4 x (PoE) 10/100/Gig Ethernet TX | |
| i4 x xDSL Ports | |
| i8 x 10/100/1000 Ethernet SFP v3 | |
| i8 x Channelized DS1/E1 ASAP | |
| i8 x MWA Gig Ethernet (100/1000 SFP, 10/100/1000 RJ45) + 4 x FE (10/100 RJ45) | |
| ICM 2 x 10-Gig Extended Performance XFP | |
| IMM 1 x 100GE CFP | |
| IMM 1 x 40GE Extended Performance CFP | |
| IMM 1 x 40GE OTU3 DWDM Tunable Optics | |
| IMM 1 x OC768 OTU3 DWDM Tunable Optics | |
| IMM 10 x 10/100/1000 SFP + 1 x 10GE SFP+ | |
| IMM 10 x 10/100/1000 Ethernet SFP | |
| IMM 10 x 10/100/1000 Ethernet SFP + 1 x 10G XFP | |
| IMM 11 x 10/100/1000 Ethernet SPF/ 22 x 10/100/1000 Ethernet CSFP | |
| IMM 12 x 10GE SF | |
| IMM 2 x 10G SFP+ | |
| IMM 2 x 10G XFP | |
| IMM 2 x 10GE Extended Performance XFP | |
| IMM 24 x 10/100/1000 Ethernet Extended Performance SFP | |

Table 3-439 Equipped Card Type (continued)

| Name | Value |
|---|-------|
| IMM 24 x 10/100/1000 Ethernet Extended Performance TX | |
| IMM 3 x 40GE Extended Performance QSFP | |
| IMM 4 x 100GE CFP4 | |
| IMM 4 x 100GE CXP | |
| IMM 4 x 10G SFP+ | |
| IMM 4 x 10GE Extended Performance XFP | |
| IMM 40 x 10GE SFP | |
| IMM 5 x 10GE Extended Performance XFP | |
| IMM P1 x 100GE CFP | |
| IMM P1 x 100GE OTU4 DWDM Tunable Optics | |
| IMM P10 x 10GE SFP | |
| IMM P20 x 1GE SFP | |
| IMM P3 x 40GE QSFP | |
| IMM P6 x 10GE SFP | |
| Integrated Services Card | |
| IOM (CPAA) | |
| IOM-XP | |
| IOM-XP-B | |
| ISA Application Assurance | |
| ISA Broadband Applications | |
| ISA IP Reassembly | |
| ISA IP Security | |
| ISA Mobile | |
| ISA Multi-Service | |
| ISA Multi-Service Export | |
| ISA TMS | |
| ISA Tunnel | |
| ISA Video | |
| ISA-2 IP Reassembly | |
| ISA-2 IP Security | |
| ISA-2 Mobile | |
| ISA2 Application Assurance | |
| ISA2 Broadband Applications | |

Table 3-439 Equipped Card Type (continued)

| Name | Value |
|---|-------|
| ISA2 Multi Service | |
| ISA2 Tunnel | |
| ISM Mobile | |
| ISM Mobile 2-PAC FP3 | |
| ISM Mobile B | |
| ITLB:Interleaver Card | |
| ITLU:Interleaver Card, Unidirectional | |
| m15-40g-qsfp | |
| m32-10g-sfp+16-40g-qsfp | |
| MCM-v1 | |
| MCM-XP | |
| MPre IOM | |
| MSH8-FSM:Mesh 8 Degree Fiber Shuffle Card | |
| MSS1 | |
| No Change | |
| No Daughter Card | |
| No MCM Card | |
| No Processor/Base Card | |
| NUAGE-1 VSC CPM | |
| Optical Client/Line Cards | |
| Optical Transponder Card | |
| OS10K-CFM | |
| OS10K-CMM | |
| OS9600-CMM | |
| OS9700-CMM | |
| OS9700E-CMM | |
| OS9800-CMM | |
| OS9800E-CMM | |
| p1 x GPS Rx | |
| PDN Gateway | |
| PF:Power Filter Card | |
| Power Amplifier-A | |
| Power Amplifier-B | |

Table 3-439 Equipped Card Type (continued)

| Name | Value |
|--|-------|
| Power Injector Card | |
| Power Supply-A | |
| Power Supply-B | |
| PSC 1x6 Splitter/Combiner | |
| PTP Card | |
| Receiver-A | |
| Receiver-B | |
| Relay Card | |
| SBBU Extension Card | |
| SBBU Interface Card | |
| SFAN | |
| SFM X16 | |
| SFM X16 B | |
| SFM X20 | |
| SFM X20 B | |
| SFM X20S B | |
| Sun Netra | |
| Sun Workstation | |
| TMN Card | |
| Transmitter-A | |
| Transmitter-B | |
| Unsupported Daughter Card | |
| Unsupported MCM Card | |
| Unsupported Processor/Base Card | |
| User Interface Panel | |
| VSM Cross Connect Adaptor | |
| VSM Cross Connect Adaptor Extended Performance | |
| Wavelength Router Card | |
| X4170 | |
| XCM X16 | |
| XCM X16w | |
| XCM X20 | |
| XMDA 1p x 10GigE / 10p x 1GigE SFP | |

Table 3-439 Equipped Card Type (continued)

| Name | Value |
|---------------------------------------|-------|
| XMDA 1p x 10GigE / 10p x 1GigE SFP v2 | |

Failure Reason

Table 3-440 Failure Reason

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Failure Reason |
| Maximum | 252 |
| OSS name | hardwareFailureReason |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Firmware Revision Status

Table 3-441 Firmware Revision Status

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:notApplicable |
| Displayed name | Firmware Revision Status |
| OSS name | hwFirmwareRevisionStatus |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | HwFirmwareRevisionStatusTypes |
| Enumerated types: | |
| Acceptable | |
| Not Acceptable | |
| Not Applicable | |
| Upgrade Pending | |
| Upgrading | |

Hardware Class

Table 3-442 Hardware Class

| Name | Value |
|--------------------------|------------------------------|
| Default | no |
| Displayed name | Hardware Class |
| OSS name | hardwareClass |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | HardwareClassType |
| Enumerated types: | |
| External Alarm Input | |
| Fam | |
| N/A | |

Manufacture Date

Table 3-443 Manufacture Date

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacture Date |
| Maximum | 252 |
| OSS name | manufactureDate |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturer

Table 3-444 Manufacturer

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Manufacturer |
| Maximum | 252 |
| OSS name | manufacturer |
| Read-only | yes |

Table 3-444 Manufacturer (continued)

| Name | Value |
|-------------|------------------------------|
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Assembly No**Table 3-445 Manufacturing Assembly No**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Assembly No |
| OSS name | manufacturingAssemblyNo |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Deviations**Table 3-446 Manufacturing Deviations**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Deviations |
| OSS name | manufacturingDeviations |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Variant**Table 3-447 Manufacturing Variant**

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Manufacturing Variant |
| OSS name | manufacturingVariant |
| Read-only | yes |

Table 3-447 Manufacturing Variant (continued)

| Name | Value |
|-------------|------------------------------|
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Node Timing**Table 3-448 Node Timing**

| Name | Value |
|----------------|---------------------------------|
| Default | yes:none |
| Displayed name | Node Timing |
| OSS name | nodeTiming |
| Read-only | no |
| Tab Panel | General PDH Layer Configuration |
| Type | INT |

Operational State**Table 3-449 Operational State**

| Name | Value |
|--------------------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | OperationalState |
| Enumerated types: | |
| Booting | |
| Degraded | |
| Diagnosing | |
| Disabled | |
| Down | |
| Downgrade | |
| Empty | |
| Enabled | |

Table 3-449 Operational State (continued)

| Name | Value |
|----------------------|-------|
| Failed | |
| In Service Downgrade | |
| In Service Upgrade | |
| Indeterminate | |
| Invalid Connection | |
| No Link | |
| Not Present | |
| Not Relevant | |
| Provisioned | |
| Reserved | |
| Reset Pending | |
| Shutting Down | |
| Soft Reset | |
| Testing | |
| Transition | |
| Unknown | |
| Unprovisioned | |
| Unsupported SFF | |
| Up | |
| Upgrade | |

Part Number**Table 3-450 Part Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Part Number |
| Maximum | 252 |
| OSS name | manufacturerBoardNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Protection Type
Table 3-451 Protection Type

| Name | Value |
|--------------------------|-------------------------|
| Default | yes:noProtection |
| Displayed name | Protection Type |
| OSS name | cardProtectionType |
| Read-only | no |
| Tab Panel | General Protection Type |
| Type | CardProtType |
| Enumerated types: | |
| 1+1 EPS | |
| 1+1 FD | |
| 1+1 HSB | |
| No Protection | |

Restoration Criteria**Table 3-452 Restoration Criteria**

| Name | Value |
|--------------------------|--------------------------------------|
| Default | yes:true |
| Displayed name | Restoration Criteria |
| OSS name | protectionRestorationCriteria |
| Read-only | no |
| Tab Panel | General Protection Scheme Parameters |
| Type | RestorationType |
| Enumerated types: | |
| Not Revertive | |
| Revertive | |

Serial Number**Table 3-453 Serial Number**

| Name | Value |
|----------------|---------------|
| Default | yes: |
| Displayed name | Serial Number |

Table 3-453 Serial Number (continued)

| Name | Value |
|-------------|------------------------------|
| Maximum | 252 |
| OSS name | serialNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Serving EPC Instance**Table 3-454 Serving EPC Instance**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The ISA-MG Group the Base Card in this Slot is servicing. Only applies in the context of a Serving or PDN Gateway. |
| Displayed name | Serving EPC Instance |
| OSS name | mgGroupAssociation |
| Read-only | yes |
| Tab Panel | General Mobile Gateway |
| Type | LONG |

Shelf ID**Table 3-455 Shelf ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Shelf ID |
| OSS name | shelfId |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Shutdown IOM/IMM for Memory Parity Errors
Table 3-456 Shutdown IOM/IMM for Memory Parity Errors

| Name | Value |
|--------------------------|---|
| Default | yes:failOnErrorNotSet |
| Displayed name | Shutdown IOM/IMM for Memory Parity Errors |
| OSS name | failOnError |
| Read-only | no |
| Tab Panel | General Fail On Error |
| Type | FailOnError |
| Enumerated types: | |
| | Fail On Error |
| | failOnErrorNotSet |

Site ID**Table 3-457 Site ID**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site Name**Table 3-458 Site Name**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Equipment |

Table 3-458 Site Name (continued)

| Name | Value |
|------|--------|
| Type | STRING |

Slot**Table 3-459 Slot**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Slot |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Slot ID**Table 3-460 Slot ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Slot ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | slotId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Status**Table 3-461 Status**

| Name | Value |
|----------------|------------|
| Default | yes:active |
| Displayed name | Status |

Table 3-461 Status (continued)

| Name | Value |
|--------------------------|--------------------------------------|
| OSS name | protectionSwitchStatus |
| Read-only | yes |
| Tab Panel | General Protection Scheme Parameters |
| Type | SwitchStatus |
| Enumerated types: | |
| Active | |
| Standby | |

Supported Card Types

Table 3-462 Supported Card Types

| Name | Value |
|---|----------------------|
| Default | yes:unassigned |
| Displayed name | Supported Card Types |
| OSS name | supportedChildTypes |
| Read-only | yes |
| Tab Panel | General General |
| Type | CardType |
| Enumerated types: | |
| 1 Colour Optical Add/Drop Mux | |
| 1 Tb CPM / Switch Fabric 4 | |
| 1 Tb Switch Fabric 4 | |
| 1 Tb Switch Fabric 5 | |
| 1 x 10-Gig Ethernet | |
| 1 x 10-Gig Ethernet + 10 x 10/100/1000 Ethernet SFP | |
| 1 x 10-Gig Ethernet DWDM Tunable Optics | |
| 1 x 10-Gig Ethernet XFP | |
| 1 x 10-Gig Extended Performance XFP | |
| 1 x 100-Gig Ethernet CFP2 | |
| 1 x 100GE CFP | |
| 1 x Channelized OC12 ASAP | |
| 1 x Channelized OC12 CES | |
| 1 x Channelized OC3 CES | |

Table 3-462 Supported Card Types (continued)

| Name | Value |
|---|-------|
| 1 x Channelized OC3 CES CMA | |
| 1 x Gig Ethernet SFP CMA | |
| 1 X Gig Ethernet XP SFP CMA | |
| 1 x OC12 Deep Channel | |
| 1 x OC192 | |
| 1 x Radio Modem | |
| 1 x STM (Channelized) | |
| 1-PAC FP3 IMM | |
| 1-Port 100GE CFP IMM | |
| 1-Port 40GE CFP IMM | |
| 1-Port 40GE OTU3 Long Reach DWDM Tunable IMM | |
| 1-Port OC768 OTU3 Long Reach DWDM Tunable IMM | |
| 10 x 1-Gig Ethernet SFP | |
| 10 x 1-Gig Extended Performance SFP | |
| 10 x 10-Gig Ethernet SFP+ | |
| 10 x 10/100/1000 Ethernet SFP | |
| 10 x 10GE XP SFP+ | |
| 10-Port Fast/Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port Gig Ethernet (8 FX, 2 TX) | |
| 10-Port Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port GIGE SFP + 1-Port 10GE SFP+ IMM | |
| 10-Port GIGE SFP + 1-Port 10GE XFP IMM | |
| 10-Port GIGE SFP IMM | |
| 10-Port PoE Fast/Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port PoE Gig Ethernet(8 TX, 2 Dual TX/FX) - S | |
| 10-Port PoE Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 100g CPM / Switch Fabric | |
| 11 x 1G SFP / 22 x 1G CSPF IMM | |
| 12 x 1-Gig Extended Performance SFP | |
| 12 x 10/100/1000 Ethernet SFP + 10 Copper + 4 x 10 GigE XFP | |
| 12 x 100/1000 SFP + 12 x 10/100/1000 Ethernet | |
| 12 x Channelized DS3/E3 ASAP | |
| 12 x DS3/E3 Deep Channel | |

Table 3-462 Supported Card Types (continued)

| Name | Value |
|---|-------|
| 12 x Fast Ethernet 100 FX | |
| 12 x Serial Data | |
| 12 x Serial Data v2 | |
| 12-Port 10 Gig Ethernet SFP+ (OS-XNI-U12) | |
| 12-Port 10 Gig Ethernet SFP+ (OS9-XNI-U12E) | |
| 12-Port 10GE SF IMM | |
| 120g CPM / Switch Fabric | |
| 120g Extended Performance CPM / Switch Fabric | |
| 14-Port Gig Ethernet (12 TX (4 PoE), 2 FX) | |
| 16 x ATM OC3 SFP | |
| 16 x ATM OC3 SFP B | |
| 16 x Channelized DS1/E1 ASAP | |
| 16 x Channelized DS1/E1 ASAP v2 | |
| 16 x E1 (ASAP) | |
| 16 x OC12/OC3 SFP | |
| 16 x OC12/OC3 SFP B | |
| 16 x OC3 SFP | |
| 16-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U16E) | |
| 2 Colour Optical Add/Drop Mux | |
| 2 PORT 100GE CFP C-XMA | |
| 2 Tb Switch Fabric 5 | |
| 2 x 10 GigE XFP | |
| 2 x 10-Gig Bridged Ethernet XFP + 1 x 2.5G Virtual Ethernet | |
| 2 x 10-Gig Bridged Ethernet XFP + 1 x 2.5G Virtual Ethernet Module | |
| 2 x 10-Gig Ethernet + 12 x 1-Gig Ethernet XP | |
| 2 x 10-Gig Ethernet XFP | |
| 2 x 10-Gig Extended Performance XFP | |
| 2 x 10-Gig MDA IOM | |
| 2 x 10-Gig MDA IOM 2 | |
| 2 x 10-Gig MDA IOM Card, B | |
| 2 x 10-Gig MDA Oversubscribed IOM Card | |
| 2 x 10/100/1000 SFP + 1 x 10/100/1000 SFP/Ethernet Combo + 2 x 10/100/1000 Ethernet | |
| 2 x 10/40 Gig MDA IOM card | |

Table 3-462 Supported Card Types (continued)

| Name | Value |
|---|-------|
| 2 x 10GE SFP + 12 x 1GE SFP | |
| 2 x 10Gig Ethernet Extended Performance XFP WaveTracker | |
| 2 x 40 Gig MDA IOM card | |
| 2 x Channelized OC12 ASAP | |
| 2 x Channelized OC3/STM1 ASAP SFP | |
| 2 x DS3 | |
| 2 x Gig Ethernet 1000 FX | |
| 2 x OC12/OC3 CMA | |
| 2 x OC12/OC3 CMA B | |
| 2 x OC192 Extended Performance XFP | |
| 2 x OC48 SFP | |
| 2 x Serial Data + 2 x Channelized DS1/E1 | |
| 2 x STM | |
| 2 x XP MDA IOM 3 | |
| 2 x XP MDA IOM 3, B | |
| 2 x XP MDA IOM 3, C | |
| 2+2 x Ethernet (EAS) | |
| 2-PAC FP3 IMM | |
| 2-Port 10 Gig Ethernet XFP (OS9-XNI-U2) | |
| 2-Port 10 Gig Ethernet XFP (OS9-XNI-U2E) | |
| 2-Port 10GE SFP+ IMM | |
| 2-Port 10GE XFP IMM | |
| 2-PPAC FP3 IMM | |
| 2.4 Tb Switch Fabric 5 | |
| 20 PORT 10GE SFP + C-XMA | |
| 20 x 10/100/1000 Ethernet Extended Performance SFP | |
| 20 x 10/100/1000 Ethernet Extended Performance TX | |
| 20 x 10/100/1000 Ethernet SFP | |
| 20 x 10/100/1000 Ethernet Tx | |
| 20 x 100 Ethernet Fx | |
| 20-Port 10 Gig Ethernet (OS6900-T20) | |
| 20-Port 10 Gig Ethernet SFP+ (OS6900-X20) | |
| 200g CPM / Switch Fabric | |

Table 3-462 Supported Card Types (continued)

| Name | Value |
|--|-------|
| 200g CPM / Switch Fabric 2 | |
| 22-Port (8 TX, 12 FX, 2 GE) | |
| 22-Port Gig Ethernet (20 TX, 2 FX) (OS9-GNI-C20L) | |
| 24 x 10/100/1000 Ethernet SFP | |
| 24 x 10/100/1000 Ethernet SFP + 2 x 10 GigE XFP | |
| 24 x Fast Ethernet 10/100 FX | |
| 24 x Fast Ethernet 10/100 TX | |
| 24 x Gig Ethernet (20 FX, 4 Dual TX/FX) | |
| 24 x Gig Ethernet (20 TX, 4 Dual TX/FX) | |
| 24-Port (20 x Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 24-Port (20 x PoE Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 24-Port (8 TX, 12 FX, 4 GE) | |
| 24-Port Fast Ethernet Metro(24 TX, 2 Dual TX/FX) | |
| 24-Port Fast Ethernet SME(24 TX, 2 Dual TX/FX) | |
| 24-Port Fast Ethernet SME(24 TX, 2 Dual TX/FX) with DC Power Supply | |
| 24-Port Fast-Ethernet | |
| 24-Port Fast-Ethernet FX | |
| 24-Port Fast/Gig Ethernet(24 TX, 2 SFP) | |
| 24-Port Gig Ethernet (2 Dual TX/FX, 22 FX) | |
| 24-Port Gig Ethernet (2 Dual TX/FX, 22 FX) with Internal DC Power Supply | |
| 24-Port Gig Ethernet (20 TX (4 PoE), 4 Dual TX/FX) | |
| 24-Port Gig Ethernet (20 TX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port Gig Ethernet (22 FX, 2 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port Gig Ethernet (22 FX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port Gig Ethernet (22 FX, 2 TX/FX) | |
| 24-Port Gig Ethernet (22 FX, 2 TX/FX, 2 FX/STK) | |
| 24-Port Gig Ethernet (4 Dual TX/FX, 20 TX) | |
| 24-Port Gig Ethernet FX (OS9-GNI-U24) | |
| 24-Port Gig Ethernet FX (OS9-GNI-U24E) | |
| 24-Port Gig Ethernet TX (OS9-GNI-C24) | |
| 24-Port Gig Ethernet TX (OS9-GNI-C24E) | |
| 24-Port Gig Ethernet(20 FX, 4 Dual TX/FX) | |

Table 3-462 Supported Card Types (continued)

| Name | Value |
|--|-------|
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) - E | |
| 24-Port Gig Ethernet(22 FX, 2 Dual TX/FX, 2 SFP) | |
| 24-Port Gig Ethernet(22 FX, 2 Dual TX/FX, 2 SFP) - S | |
| 24-Port Gig Ethernet(24 TX, 2 SFP) | |
| 24-Port PoE Fast/Gig Ethernet(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) - E | |
| 24-Port PoE Gig Ethernet SME(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet TX (OS9-GNI-P24) | |
| 24-Port PoE Gig Ethernet TX (OS9-GNI-P24E) | |
| 24-Port PoE Gig Ethernet(20 TX, 4 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet(4 Dual TX/FX, 20 TX) | |
| 250g CPM / Switch Fabric 3 | |
| 3-Port 40 Gig Ethernet QSFP+ (OS-QNI-U3) | |
| 3-Port 40GIGE QSFP IMM | |
| 32 x Channelized DS1/E1 ASAP v2 | |
| 32 x DS1 | |
| 32 x E1 | |
| 32-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U32E) | |
| 32-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U32S) | |
| 4 Colour Optical Add/Drop Mux | |
| 4 PORT 100GE CFP2 XMA | |
| 4 PORT 100GE CXP XMA | |
| 4 x 10-Gig Extended Performance XFP | |
| 4 x 10/100 Ethernet TX | |
| 4 x 10/100/1000 1Gig SFP + 2 x 10Gig SFP+ + SyncE | |
| 4 x 10/100/1000 Ethernet Tx | |
| 4 x 10GE SFP+ | |
| 4 x ATM OC12/OC3 SFP | |

Table 3-462 Supported Card Types (continued)

| Name | Value |
|--|-------|
| 4 x ATM OC12/OC3 SFP B | |
| 4 x Channelized DS3/E3 ASAP | |
| 4 x Channelized OC3 ASAP | |
| 4 x Channelized OC3 CES | |
| 4 x Channelized OC3/OC12 ASAP SFP | |
| 4 x DS1/E1 CE | |
| 4 x DS3/E3 CMA | |
| 4 x DS3/E3 Deep Channel | |
| 4 x Gig Ethernet (2 TX, 2 FX) | |
| 4 x MDA IOM | |
| 4 X MWA Gig Ethernet (2 TX, 2 SFP) + 4 X Gig Ethernet SFP | |
| 4 x OC3 Deep Channel | |
| 4 x OC3/STM1 ASAP SFP | |
| 4 x OC48 SFP | |
| 4 x OC48 SFP B | |
| 4+4 x Ethernet (EAS) | |
| 4-Port 10 Gig Ethernet SFP+ (OS-XNI-U4) | |
| 4-Port 100GE CFP4 IMM | |
| 4-Port 100GE CXP IMM | |
| 4-Port 10GE SFP+ IMM | |
| 4-Port 10GE XFP IMM | |
| 4-Port 40 Gig Ethernet QSFP+ (OS10K-QNI-U4E) | |
| 40 PORT 10GE SFP+ XMA | |
| 40-Port 10 Gig Ethernet (OS6900-T40) | |
| 40-Port 10 Gig Ethernet SFP+ (OS6900-X40) | |
| 40-Port 10GE SFP+ IMM | |
| 400g CPM / Switch Fabric | |
| 400g CPM / Switch Fabric 2 | |
| 44 x 1GE CSFP | |
| 48 x Fast Ethernet 10/100 TX | |
| 48 x Gig Ethernet Extended Performance TX | |
| 48-Port (44 x Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 48-Port (44 x PoE Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |

Table 3-462 Supported Card Types (continued)

| Name | Value |
|--|-------|
| 48-Port Fast-Ethernet | |
| 48-Port Fast/Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port Gig Ethernet (4 Dual TX/FX, 44 TX) | |
| 48-Port Gig Ethernet (44 TX, 4 Dual TX/FX) | |
| 48-Port Gig Ethernet (46 TX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 48-Port Gig Ethernet + 2 x 10-GigE XFP | |
| 48-Port Gig Ethernet SFP (OS10K-GNI-U48E) | |
| 48-Port Gig Ethernet TX (OS10K-GNI-C48E) | |
| 48-Port Gig Ethernet TX (OS9-GNI-C48T) | |
| 48-Port Gig Ethernet(44 TX, 4 Dual TX/FX) - E | |
| 48-Port Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port GIGE SFP IMM | |
| 48-Port GIGE SFP IMM, B | |
| 48-Port GIGE SFP IMM, C | |
| 48-Port GIGE TX IMM | |
| 48-Port GIGE TX IMM, B | |
| 48-Port PoE Fast/Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port PoE Gig Ethernet (44 TX, 4 Dual TX/FX) - E | |
| 48-Port PoE Gig Ethernet (46 TX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 48-Port PoE Gig Ethernet + 2 x 10-GigE XFP | |
| 48-Port PoE Gig Ethernet(4 Dual TX/FX, 44 TX) | |
| 48-Port PoE Gig Ethernet(44 TX, 4 Dual TX/FX) | |
| 48-Port PoE Gig Ethernet(48 TX, 2 SFP) | |
| 5 x 1-Gig Ethernet SFP | |
| 5 x 10/100/1000 Ethernet SFP | |
| 5 X Gig Ethernet XP SFP CMA | |
| 5-Port 10GE XFP IMM | |
| 500g CPM / Switch Fabric 3 | |
| 500g CPM / Switch Fabric 4 | |
| 6 PORT 40GE QSFP C-XMA | |
| 6 x 10/100 Ethernet + 2 x 10/100/1000 Ethernet SFP | |
| 6 x 10/100 Ethernet + 2 x 10/100/1000 Ethernet SFP v2 | |
| 6 x 100/1000 SFP + 4 x 10/100/1000 Ethernet | |

Table 3-462 Supported Card Types (continued)

| Name | Value |
|---|-------|
| 6 x 10GE SFP + 1 x 40GE QSFP+ | |
| 6 x EM | |
| 6 x FXS Interface | |
| 6-Port 10 Gig Ethernet XFP (OS9-XNI-U6) | |
| 6-Port Gig Ethernet (4 x 10 Gig SFP+, 2 x 40 Gig QSFP+) (OS-HNI-U6) | |
| 60 x 10/100 Ethernet | |
| 72 PORT 1GE SFP C-XMA | |
| 7210 CPM, Internal | |
| 7210 IOM | |
| 7705 1g CSM | |
| 7705 1g/10g CSM | |
| 7705 2.5g CSM | |
| 7705 IOM | |
| 7705 SAR-8 1g/10g CSM | |
| 7710 CFM | |
| 7710 IOM | |
| 7750-SRc4 CFM-C4-XP | |
| 7750-SRc4 IOM-C4-XP | |
| 7850 CPM DCOR | |
| 7850 CPM VSA | |
| 7850 CPM VSA-2 | |
| 7850 CPM VSG | |
| 8 Colour Optical Add/Drop Mux | |
| 8 x 10/100 Ethernet Tx CMA | |
| 8 x 10/100/1000 Ethernet SFP | |
| 8 x 10/100/1000 Ethernet SFP v2 | |
| 8 x 10/100/1000 Ethernet SFP v3 | |
| 8 X ATM DS1/E1 CMA | |
| 8 x DS1/E1 Channel CMA | |
| 8 x Fast Ethernet 10/100 TX | |
| 8 x FXO Interface | |
| 8 x OC12/OC3 SFP | |
| 8 x OC3 SFP | |

Table 3-462 Supported Card Types (continued)

| Name | Value |
|--|-------|
| 8 x Voice Teleprotection Interface | |
| 8-Port 10 Gig Ethernet (OS-XNI-T8) | |
| 8-Port 10GE XFP IMM | |
| 8-Port 10GE XFP IMM, B | |
| 8-Port 40 Gig Ethernet QSFP+ (OS10K-QNI-U8E) | |
| 8-Port Fast Ethernet Metro(8 TX, 2 Dual TX/FX) | |
| 80g CPM / Switch Fabric 2 | |
| Amplifier and Associated Cards | |
| ATCA Blade | |
| ATCA Hub | |
| ATCA ShMC | |
| AUX | |
| Auxiliary Alarm | |
| Base Band | |
| Blade | |
| Board | |
| CFM-XP | |
| CFM-XP-B | |
| Control Board | |
| Controller | |
| CORE | |
| CORE-ENH | |
| CPM / Switch Fabric 4 E | |
| CPM 5 | |
| CPM A | |
| CPM X16 | |
| CPM X20 | |
| DCM Module | |
| DCM:Dispersion Comp. Card | |
| DSL Module | |
| EASv2 | |
| EC:Equipment Controller Card | |
| Eth Card-A | |

Table 3-462 Supported Card Types (continued)

| Name | Value |
|--|-------|
| Eth Card-B | |
| Fan Unit | |
| Filter Card | |
| Generic Card | |
| Gig Ethernet SFP | |
| GPON Module | |
| HP Workstation | |
| HSMDA 1 x 10-Gig XFP, B | |
| HSMDA 10 x 1 Gig SFP | |
| i1 x GPS Rx | |
| i16 x Channelized DS1/E1 ASAP | |
| i16 x Channelized DS1/E1 ASAP v2 | |
| i2 x 10/100/Gig Ethernet SFP + 4 x 10/100/Gig Ethernet TX RJ45 | |
| i2 x Serial Data | |
| i3 x 10/100/1000 Copper Ethernet + 4 x 10/100/1000 Ethernet SFP | |
| i3 x Gig SFP + 1 x 10/100/1000 Copper SyncE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper PoE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper PoE+ SyncE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper SyncE | |
| i4 x 10/100/Gig Ethernet(2 SFP, 2 SFP/RJ45 Combo) + 4 x (PoE) 10/100/Gig Ethernet TX | |
| i4 x xDSL Ports | |
| i8 x 10/100/1000 Ethernet SFP v3 | |
| i8 x Channelized DS1/E1 ASAP | |
| i8 x MWA Gig Ethernet (100/1000 SFP, 10/100/1000 RJ45) + 4 x FE (10/100 RJ45) | |
| ICM 2 x 10-Gig Extended Performance XFP | |
| IMM 1 x 100GE CFP | |
| IMM 1 x 40GE Extended Performance CFP | |
| IMM 1 x 40GE OTU3 DWDM Tunable Optics | |
| IMM 1 x OC768 OTU3 DWDM Tunable Optics | |
| IMM 10 x 10/100/1000 SFP + 1 x 10GE SFP+ | |
| IMM 10 x 10/100/1000 Ethernet SFP | |
| IMM 10 x 10/100/1000 Ethernet SFP + 1 x 10G XFP | |
| IMM 11 x 10/100/1000 Ethernet SFP/ 22 x 10/100/1000 Ethernet CSFP | |

Table 3-462 Supported Card Types (continued)

| Name | Value |
|--|-------|
| IMM 12 x 10GE SF | |
| IMM 2 x 10G SFP+ | |
| IMM 2 x 10G XFP | |
| IMM 2 x 10GE Extended Performance XFP | |
| IMM 24 x 10/100/1000 Ethernet Extended Performance SFP | |
| IMM 24 x 10/100/1000 Ethernet Extended Performance TX | |
| IMM 3 x 40GE Extended Performance QSFP | |
| IMM 4 x 100GE CFP4 | |
| IMM 4 x 100GE CXP | |
| IMM 4 x 10G SFP+ | |
| IMM 4 x 10GE Extended Performance XFP | |
| IMM 40 x 10GE SFP | |
| IMM 5 x 10GE Extended Performance XFP | |
| IMM P1 x 100GE CFP | |
| IMM P1 x 100GE OTU4 DWDM Tunable Optics | |
| IMM P10 x 10GE SFP | |
| IMM P20 x 1GE SFP | |
| IMM P3 x 40GE QSFP | |
| IMM P6 x 10GE SFP | |
| Integrated Services Card | |
| IOM (CPAA) | |
| IOM-XP | |
| IOM-XP-B | |
| ISA Application Assurance | |
| ISA Broadband Applications | |
| ISA IP Reassembly | |
| ISA IP Security | |
| ISA Mobile | |
| ISA Multi-Service | |
| ISA Multi-Service Export | |
| ISA TMS | |
| ISA Tunnel | |
| ISA Video | |

Table 3-462 Supported Card Types (continued)

| Name | Value |
|---|-------|
| ISA-2 IP Reassembly | |
| ISA-2 IP Security | |
| ISA-2 Mobile | |
| ISA2 Application Assurance | |
| ISA2 Broadband Applications | |
| ISA2 Multi Service | |
| ISA2 Tunnel | |
| ISM Mobile | |
| ISM Mobile 2-PAC FP3 | |
| ISM Mobile B | |
| ITLB:Interleaver Card | |
| ITLU:Interleaver Card, Unidirectional | |
| m15-40g-qsfp | |
| m32-10g-sfp+16-40g-qsfp | |
| MCM-v1 | |
| MCM-XP | |
| MPre IOM | |
| MSH8-FSM:Mesh 8 Degree Fiber Shuffle Card | |
| MSS1 | |
| No Change | |
| No Daughter Card | |
| No MCM Card | |
| No Processor/Base Card | |
| NUAGE-1 VSC CPM | |
| Optical Client/Line Cards | |
| Optical Transponder Card | |
| OS10K-CFM | |
| OS10K-CMM | |
| OS9600-CMM | |
| OS9700-CMM | |
| OS9700E-CMM | |
| OS9800-CMM | |
| OS9800E-CMM | |

Table 3-462 Supported Card Types (continued)

| Name | Value |
|--|-------|
| p1 x GPS Rx | |
| PDN Gateway | |
| PF:Power Filter Card | |
| Power Amplifier-A | |
| Power Amplifier-B | |
| Power Injector Card | |
| Power Supply-A | |
| Power Supply-B | |
| PSC 1x6 Splitter/Combiner | |
| PTP Card | |
| Receiver-A | |
| Receiver-B | |
| Relay Card | |
| SBBU Extension Card | |
| SBBU Interface Card | |
| SFAN | |
| SFM X16 | |
| SFM X16 B | |
| SFM X20 | |
| SFM X20 B | |
| SFM X20S B | |
| Sun Netra | |
| Sun Workstation | |
| TMN Card | |
| Transmitter-A | |
| Transmitter-B | |
| Unsupported Daughter Card | |
| Unsupported MCM Card | |
| Unsupported Processor/Base Card | |
| User Interface Panel | |
| VSM Cross Connect Adaptor | |
| VSM Cross Connect Adaptor Extended Performance | |
| Wavelength Router Card | |

Table 3-462 Supported Card Types (continued)

| Name | Value |
|---------------------------------------|-------|
| X4170 | |
| XCM X16 | |
| XCM X16w | |
| XCM X20 | |
| XMDA 1p x 10GigE / 10p x 1GigE SFP | |
| XMDA 1p x 10GigE / 10p x 1GigE SFP v2 | |

Unknown Status**Table 3-463 Unknown Status**

| Name | Value |
|--------------------------|-----------------|
| Default | yes:true |
| Displayed name | Unknown Status |
| OSS name | unknownStatus |
| Read-only | yes |
| Tab Panel | General General |
| Type | UnknownStatus |
| Enumerated types: | |
| False | |
| True | |

Card Specifics parameters**ACO LED****Table 3-464 ACO LED**

| Name | Value |
|----------------|---|
| Description | This property is just for display - built using acoLEDType/Color. |
| Displayed name | ACO LED |
| OSS name | acoLED |
| Read-only | no |
| Tab Panel | General States |
| Type | STRING |

Active Line Timing Reference
Table 3-465 Active Line Timing Reference

| Name | Value |
|--------------------------|-----------------------------------|
| Default | yes:none |
| Displayed name | Active Line Timing Reference |
| OSS name | syncEStationClockActiveRef |
| Read-only | no |
| Tab Panel | General SyncOut Settings |
| Type | SyncEStationClockActiveLineTiming |
| Enumerated types: | |
| LineRef 0 | |
| LineRef 1 | |
| LineRef 2 | |
| LineRef 3 | |
| None | |

Active Timing Reference**Table 3-466 Active Timing Reference**

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | The ID of the association line reference. |
| Displayed name | Active Timing Reference |
| OSS name | activeTimingReference |
| Read-only | no |
| Tab Panel | General Sync0 Settings |
| Type | ActiveTimingReference |
| Enumerated types: | |
| Line Ref 0 | |
| Line Ref 1 | |
| Line Ref 2 | |
| Line Ref 3 | |
| Sync0/None | |

Actual Clock Source
Table 3-467 Actual Clock Source

| Name | Value |
|--------------------------|----------------------|
| Default | yes:unknown |
| Displayed name | Actual Clock Source |
| OSS name | actualClkSrc |
| Read-only | no |
| Tab Panel | General Clock Switch |
| Type | WdmWtClk |
| Enumerated types: | |
| | |
| Auto | |
| PF Slot 1 | |
| PF Slot 11 | |
| PF Slot 19 | |
| PF Slot 36 | |

Actual Tilt**Table 3-468 Actual Tilt**

| Name | Value |
|----------------|--|
| Description | Applies to the output port of the amplifier module in the mesh card. |
| Displayed name | Actual Tilt |
| OSS name | meshCardActualTilt |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dB |

Add Path Output Power**Table 3-469 Add Path Output Power**

| Name | Value |
|---------|-----------|
| Default | yes:-99.0 |

Table 3-469 Add Path Output Power (continued)

| Name | Value |
|----------------|---|
| Description | For CWR Card. The desired output power for add services as they come out the WDM port. Current configurable range: -3500 to 1100. |
| Displayed name | Add Path Output Power |
| Maximum | 11 |
| Minimum | -35 |
| OSS name | wssCardAddPathEgressPower |
| Read-only | no |
| Tab Panel | General CWR/WR |
| Type | FLOAT |
| Units | dBm |

Add Path Target Power**Table 3-470 Add Path Target Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | For CWR Card. The desired power at the output of the amplet inside the WSS. Current configurable range: -1000 to 1000. |
| Displayed name | Add Path Target Power |
| Maximum | 10 |
| Minimum | -10 |
| OSS name | wssCardAddPathTargetPower |
| Read-only | no |
| Tab Panel | General CWR/WR |
| Type | FLOAT |
| Units | dBm |

AINS Mode**Table 3-471 AINS Mode**

| Name | Value |
|-------------|---|
| Description | I/O Card AINS Mode. Specifies the automatic in service (AINS) mode of the I/O card. Possible values are: <ul style="list-style-type: none">{UL} {LI}AINS - Standing conditions cleared and suppressed as long as I/O card is unplugged. {LI}NOWAIT - Standing condition are raised and not suppressed even if the I/O card is unplugged. {UL} |

Table 3-471 AINS Mode (continued)

| Name | Value |
|--------------------------|----------------------|
| Displayed name | AINS Mode |
| OSS name | ainsMode |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | AinsMode |
| Enumerated types: | |
| | AINS |
| | NOWAIT |

Alarm Profile**Table 3-472 Alarm Profile**

| Name | Value |
|----------------|----------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | POINTER |

Amp Rating**Table 3-473 Amp Rating**

| Name | Value |
|----------------|---|
| Description | For PF only. Applicable to the 1830 PSS-32. |
| Displayed name | Amp Rating |
| OSS name | pfAmpRating |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | FLOAT |
| Units | Amps |

Audible Alarm Cutoff
Table 3-474 Audible Alarm Cutoff

| Name | Value |
|--------------------------|--|
| Description | The color of the alarm cut off LED. Applicable for UserInterfacePanel card only. |
| Displayed name | Audible Alarm Cutoff |
| OSS name | audibleAlarmCutoff |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | PerformCommand |
| Enumerated types: | |
| Execute | |
| Execute with Force | |
| No Cmd | |

Auto Provisioning**Table 3-475 Auto Provisioning**

| Name | Value |
|--------------------------|---|
| Description | ON - Autoprovisioning Allowed in that slot position. {BR} OFF - Autoprovisioning Not-Allowed in that slot position. |
| Displayed name | Auto Provisioning |
| OSS name | autoProvisioning |
| Read-only | yes |
| Tab Panel | General Autoprovisioning Functionality |
| Type | AutoProvCapability |
| Enumerated types: | |
| OFF | |
| ON | |

Average Demux Loss**Table 3-476 Average Demux Loss**

| Name | Value |
|----------------|---------------------------------------|
| Description | Sfd Card AverageDeMux Insertion Loss. |
| Displayed name | Average Demux Loss |

Table 3-476 Average Demux Loss (continued)

| Name | Value |
|-------------|------------------------------|
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sfdCardAvgDemuxInsertionLoss |
| Read-only | no |
| Tab Panel | General OMD Port Attributes |
| Type | STRING |
| Units | dB |

Average Insertion Loss**Table 3-477 Average Insertion Loss**

| Name | Value |
|----------------|---|
| Description | The measured insertion loss averaged over wavelength with no external attenuation added to the DCM. |
| Displayed name | Average Insertion Loss |
| OSS name | dcmCardAvgInsertionLoss |
| Read-only | no |
| Tab Panel | General DCM |
| Type | STRING |
| Units | dB |

Average Insertion Loss Pad**Table 3-478 Average Insertion Loss Pad**

| Name | Value |
|----------------|--|
| Description | The measured insertion loss averaged over wavelength with external attenuation added to the DCM. |
| Displayed name | Average Insertion Loss Pad |
| OSS name | dcmCardAvgInsertionLossPad |
| Read-only | no |
| Tab Panel | General DCM |
| Type | STRING |
| Units | dB |

Average Mux Loss

Table 3-479 Average Mux Loss

| Name | Value |
|----------------|-------------------------------------|
| Description | Sfd Card AverageMux Insertion Loss. |
| Displayed name | Average Mux Loss |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sfdCardAvgMuxInsertionLoss |
| Read-only | no |
| Tab Panel | General OMD Port Attributes |
| Type | STRING |
| Units | dB |

Baseline Span Loss

Table 3-480 Baseline Span Loss

| Name | Value |
|----------------|---|
| Default | yes:-1 |
| Description | The optical intrusion baseline value, with -1 means no value has been set. Current configurable range: -1, 1 to 50. |
| Displayed name | Baseline Span Loss |
| Maximum | 50 |
| Minimum | -1 |
| OSS name | ampCardOptIntBaseLine |
| Read-only | no |
| Tab Panel | General Optical Intrusion Detection |
| Type | FLOAT |
| Units | dB |

Capacity

Table 3-481 Capacity

| Name | Value |
|-------------|--|
| Default | yes:unknownCapacity |
| Description | The capacity of the storage medium in the slot. Applicable only to EC. |

Table 3-481 Capacity (continued)

| Name | Value |
|--------------------------|----------------------|
| Displayed name | Capacity |
| OSS name | cardCapacity |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | CardCapacity |
| Enumerated types: | |
| 16G | |
| 32G | |
| 4G | |
| 64G | |
| 8G | |
| unknown | |

Card Description**Table 3-482 Card Description**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes: |
| Description | Card Description. Deployed On the NE. |
| Displayed name | Card Description |
| Maximum | 255 |
| OSS name | cardDesc |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | STRING |

Card Height**Table 3-483 Card Height**

| Name | Value |
|----------------|---------------------------------|
| Description | Height of the provisioned card. |
| Displayed name | Card Height |
| OSS name | cardHeight |

Table 3-483 Card Height (continued)

| Name | Value |
|--------------------------|----------------------|
| Read-only | no |
| Tab Panel | General Card Details |
| Type | CardHeightType |
| Enumerated types: | |
| Full | |
| Half | |
| Unknown | |

Card Mode**Table 3-484 Card Mode**

| Name | Value |
|--------------------------|---------------------------------------|
| Default | yes:unspecified |
| Description | The card function mode for all cards. |
| Displayed name | Card Mode |
| OSS name | cardFunctionMode |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | CardFunctionMode |
| Enumerated types: | |
| 100Gbe | |
| DualTran | |
| FlexMux | |
| Master | |
| OTU3 | |
| OTU4 | |
| Slave | |
| SONET/SDH | |

Card Name
Table 3-485 Card Name

| Name | Value |
|----------------|--------------------------------|
| Default | yes: |
| Description | Card Name. Deployed on the NE. |
| Displayed name | Card Name |
| Maximum | 31 |
| OSS name | cardName |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | STRING |

Card Rate Mode**Table 3-486 Card Rate Mode**

| Name | Value |
|--------------------------|-----------------------------------|
| Description | The card rate mode for all cards. |
| Displayed name | Card Rate Mode |
| OSS name | cardRateMode |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | CardRateMode |
| Enumerated types: | |
| FullRate | |
| QinQ | |
| SubRate | |

Card Temperature**Table 3-487 Card Temperature**

| Name | Value |
|----------------|--------------------------------------|
| Description | The current temperature of the card. |
| Displayed name | Card Temperature |
| OSS name | cardTemperature |
| Read-only | no |

Table 3-487 Card Temperature (continued)

| Name | Value |
|-------------|---------------------|
| Tab Panel | General Temperature |
| Type | INT |
| Units | Celsius |

Card Width

Table 3-488 Card Width

| Name | Value |
|--------------------------|--------------------------------|
| Description | Width of the provisioned Card. |
| Displayed name | Card Width |
| OSS name | cardWidth |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | CardWidthType |
| Enumerated types: | |
| | Double |
| | Single |
| | Triple |
| | Unknown |

Clear Optical Intrusion Detected Alarm

Table 3-489 Clear Optical Intrusion Detected Alarm

| Name | Value |
|----------------|--|
| Description | Clears optical intrusion alarm. |
| Displayed name | Clear Optical Intrusion Detected Alarm |
| OSS name | ampCardOptIntClearAlarm |
| Read-only | no |
| Tab Panel | General Optical Intrusion Detection |
| Type | BOOL |

CLEI
Table 3-490 CLEI

| Name | Value |
|----------------|-------------------|
| Description | Card CLEI. |
| Displayed name | CLEI |
| OSS name | cardClei |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Clock Mode Status**Table 3-491 Clock Mode Status**

| Name | Value |
|--------------------------|------------------------------|
| Description | The Sync-E clock mode state. |
| Displayed name | Clock Mode Status |
| OSS name | eClkModStatus |
| Read-only | no |
| Tab Panel | General Sync0 Settings |
| Type | EClockMode |
| Enumerated types: | |
| Auto Free-Running | |
| Auto Holdover | |
| Forced Free-Running | |
| Locked | |
| Unknown | |

Company ID**Table 3-492 Company ID**

| Name | Value |
|----------------|------------------|
| Description | Card Company ID. |
| Displayed name | Company ID |
| OSS name | cardCompanyId |
| Read-only | no |

Table 3-492 Company ID (continued)

| Name | Value |
|-------------|-------------------|
| Tab Panel | General Inventory |
| Type | STRING |

Cross Card Service Enabled**Table 3-493 Cross Card Service Enabled**

| Name | Value |
|--------------------------|---|
| Default | yes:enabled |
| Description | Indicates whether the cross card service is enabled or not. |
| Displayed name | Cross Card Service Enabled |
| OSS name | crossCardService |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | AluWdmEnabledDisabled |
| Enumerated types: | |
| | Disabled |
| | Enabled |

Date**Table 3-494 Date**

| Name | Value |
|----------------|-------------------|
| Description | Card Date. |
| Displayed name | Date |
| OSS name | cardDate |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Dispersion Fiber Length
Table 3-495 Dispersion Fiber Length

| Name | Value |
|----------------|--|
| Description | The total length of dispersion fiber inside the DCM module, to the closest km. |
| Displayed name | Dispersion Fiber Length |
| OSS name | dcmCardDispFiberLength |
| Read-only | no |
| Tab Panel | General DCM |
| Type | STRING |
| Units | km |

Distance**Table 3-496 Distance**

| Name | Value |
|----------------|---|
| Description | The present compensation distance associated with this DCM card. Not applicable to the 1830 PSS-32. |
| Displayed name | Distance |
| Maximum | 140 |
| Minimum | 0 |
| OSS name | dcmCardDistance |
| Read-only | no |
| Step | 10 |
| Tab Panel | General DCM |
| Type | INT |
| Units | km |

Extra Data**Table 3-497 Extra Data**

| Name | Value |
|----------------|------------------|
| Description | Card Extra Info. |
| Displayed name | Extra Data |
| OSS name | cardExtraData |
| Read-only | no |

Table 3-497 Extra Data (continued)

| Name | Value |
|-------------|-------------------|
| Tab Panel | General Inventory |
| Type | STRING |

Factory ID**Table 3-498 Factory ID**

| Name | Value |
|----------------|-------------------|
| Description | Card Factory ID. |
| Displayed name | Factory ID |
| OSS name | cardFactoryId |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Fan Speed**Table 3-499 Fan Speed**

| Name | Value |
|--------------------------|----------------------|
| Description | Fan Speed Control. |
| Displayed name | Fan Speed |
| OSS name | fanSpeed |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | FanSpeed |
| Enumerated types: | |
| | Maximum |
| | Normal |

Fiber Mode**Table 3-500 Fiber Mode**

| Name | Value |
|-------------|---------------------------|
| Description | Fiber mode for SFC Cards. |

Table 3-500 Fiber Mode (continued)

| Name | Value |
|--------------------------|----------------------|
| Displayed name | Fiber Mode |
| OSS name | sfcCardFiberMode |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | SfcCardFiberMode |
| Enumerated types: | |
| OneFiberMux | |
| TwoFiber | |

Fiber Type

Table 3-501 Fiber Type

| Name | Value |
|----------------|--|
| Description | The type of fiber that the DCM is designed to dispersion-compensate. |
| Displayed name | Fiber Type |
| OSS name | dcmCardFiberType |
| Read-only | no |
| Tab Panel | General DCM |
| Type | STRING |

Firmware Upgrade Available

Table 3-502 Firmware Upgrade Available

| Name | Value |
|----------------|---|
| Description | YES - An upgrade to the new version of the installed/running firmware package is recommended. {BR} NO - No new firmware package is available or can be evaluated. |
| Displayed name | Firmware Upgrade Available |
| OSS name | fwUpgradeable |
| Read-only | yes |
| Tab Panel | General Card Details |
| Type | optical.FWUpgradeable |

Flow Continuity Monitoring

Table 3-503 Flow Continuity Monitoring

| Name | Value |
|--------------------------|---------------------------------------|
| Description | The flow control mode for 11DPE12A/E. |
| Displayed name | Flow Continuity Monitoring |
| OSS name | flowCm |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | FlowControlMode |
| Enumerated types: | |
| APS/PCC | |
| CCM | |
| CSF | |

Force Protection Switch

Table 3-504 Force Protection Switch

| Name | Value |
|--------------------------|---|
| Default | yes:noCmd |
| Description | Perform an activity switch on this shelf. When read, this object returns noCmd. |
| Displayed name | Force Protection Switch |
| OSS name | shelfActivitySwitch |
| Read-only | no |
| Tab Panel | General Protection Switch |
| Type | PerformCommand |
| Enumerated types: | |
| Execute | |
| Execute with Force | |
| No Cmd | |

Gain

Table 3-505 Gain

| Name | Value |
|---------|-------|
| Default | yes:7 |

Table 3-505 Gain (continued)

| Name | Value |
|----------------|--|
| Description | Applies to the output port of amplifier module in the mesh card. |
| Displayed name | Gain |
| Maximum | 24 |
| Minimum | 7 |
| OSS name | meshCardPowerGain |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dB |

Gain Tilt**Table 3-506 Gain Tilt**

| Name | Value |
|----------------|---|
| Description | Current OA tilt setting for the output port of the amplifier module in the mesh card. |
| Displayed name | Gain Tilt |
| OSS name | meshCardGainTilt |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dB |

High Temperature Threshold**Table 3-507 High Temperature Threshold**

| Name | Value |
|----------------|--|
| Description | The high temperature threshold of the card. Current configurable range: 1830 PSS-32: -5 to 90 1830 PSS-1: -5 to 90 |
| Displayed name | High Temperature Threshold |
| Maximum | 90 |
| Minimum | -5 |
| OSS name | cardHighTemperatureThresh |
| Read-only | no |

Table 3-507 High Temperature Threshold (continued)

| Name | Value |
|-------------|---------------------|
| Tab Panel | General Temperature |
| Type | INT |
| Units | Celsius |

Impedance

Table 3-508 Impedance

| Name | Value |
|--------------------------|---------------------------|
| Default | yes:seventyfive |
| Description | The card impedance level. |
| Displayed name | Impedance |
| OSS name | cardImpedance |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | ImpedanceType |
| Enumerated types: | |
| | 120 |
| | 75 |

Input Current 1

Table 3-509 Input Current 1

| Name | Value |
|----------------|---------------------------------------|
| Displayed name | Input Current 1 |
| OSS name | inputCurrent |
| Read-only | no |
| Tab Panel | General Card Details Input Power Data |
| Type | FLOAT |
| Units | Amps |

Input Current 2**Table 3-510 Input Current 2**

| Name | Value |
|----------------|---------------------------------------|
| Displayed name | Input Current 2 |
| OSS name | inputCurrent2 |
| Read-only | no |
| Tab Panel | General Card Details Input Power Data |
| Type | FLOAT |
| Units | Amps |

Input Current 3**Table 3-511 Input Current 3**

| Name | Value |
|----------------|---------------------------------------|
| Displayed name | Input Current 3 |
| OSS name | inputCurrent3 |
| Read-only | no |
| Tab Panel | General Card Details Input Power Data |
| Type | FLOAT |
| Units | Amps |

Input Power 1**Table 3-512 Input Power 1**

| Name | Value |
|----------------|---------------------------------------|
| Displayed name | Input Power 1 |
| OSS name | inputPower |
| Read-only | no |
| Tab Panel | General Card Details Input Power Data |
| Type | FLOAT |
| Units | Watts |

Input Power 2

Table 3-513 Input Power 2

| Name | Value |
|----------------|---------------------------------------|
| Displayed name | Input Power 2 |
| OSS name | inputPower2 |
| Read-only | no |
| Tab Panel | General Card Details Input Power Data |
| Type | FLOAT |
| Units | Watts |

Input Power 3

Table 3-514 Input Power 3

| Name | Value |
|----------------|---------------------------------------|
| Displayed name | Input Power 3 |
| OSS name | inputPower3 |
| Read-only | no |
| Tab Panel | General Card Details Input Power Data |
| Type | FLOAT |
| Units | Watts |

Input to Output Gain

Table 3-515 Input to Output Gain

| Name | Value |
|----------------|--|
| Default | yes:7.0 |
| Description | Applies to the output port of the amplifier module in the mesh card. |
| Displayed name | Input to Output Gain |
| OSS name | meshCardInputToOutputGain |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dB |

Input Voltage 1**Table 3-516 Input Voltage 1**

| Name | Value |
|----------------|---------------------------------------|
| Displayed name | Input Voltage 1 |
| OSS name | inputVoltage |
| Read-only | no |
| Tab Panel | General Card Details Input Power Data |
| Type | FLOAT |
| Units | Volts |

Input Voltage 2**Table 3-517 Input Voltage 2**

| Name | Value |
|----------------|---------------------------------------|
| Displayed name | Input Voltage 2 |
| OSS name | inputVoltage2 |
| Read-only | no |
| Tab Panel | General Card Details Input Power Data |
| Type | FLOAT |
| Units | Volts |

Input Voltage 3**Table 3-518 Input Voltage 3**

| Name | Value |
|----------------|---------------------------------------|
| Displayed name | Input Voltage 3 |
| OSS name | inputVoltage3 |
| Read-only | no |
| Tab Panel | General Card Details Input Power Data |
| Type | FLOAT |
| Units | Volts |

Insertion Loss Slope

Table 3-519 Insertion Loss Slope

| Name | Value |
|----------------|---|
| Description | A linear least-squares fitted slope of the measured attenuation (positive or negative) over the wavelength range with no external attenuation added to the DCM. The slope is defined over the full wavelength range with a negative slope signifying a higher insertion loss at the lower wavelength. |
| Displayed name | Insertion Loss Slope |
| OSS name | dcmCardInsertionLossSlope |
| Read-only | no |
| Tab Panel | General DCM |
| Type | STRING |
| Units | dB |

Insertion Loss Slope Pad

Table 3-520 Insertion Loss Slope Pad

| Name | Value |
|----------------|--|
| Description | A linear least-squares fitted slope of the measured attenuation (positive or negative) over the wavelength range with external attenuation added to the DCM. The slope is defined over the full wavelength range with a negative slope signifying a higher insertion loss at the lower wavelength. |
| Displayed name | Insertion Loss Slope Pad |
| OSS name | dcmCardInsertionLossSlopePad |
| Read-only | no |
| Tab Panel | General DCM |
| Type | STRING |
| Units | dB |

Laser Temperature

Table 3-521 Laser Temperature

| Name | Value |
|----------------|--|
| Description | The temperature of the Laser. Applies to the output port of the amplifier module in the mesh card. |
| Displayed name | Laser Temperature |
| OSS name | meshCardInternalTemp |

Table 3-521 Laser Temperature (continued)

| Name | Value |
|-------------|-----------------------|
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | INT |
| Units | Celsius |

Level in Optical Node

Table 3-522 Level in Optical Node

| Name | Value |
|--------------------------|---|
| Default | yes:0 |
| Description | For C/WR Card. Level in Optical Node. Current configurable range: 0 to 3. |
| Displayed name | Level in Optical Node |
| OSS name | wssCardAdBlockLevelAdd |
| Read-only | no |
| Tab Panel | General CWR/WR |
| Type | CardLevel |
| Enumerated types: | |
| 0 | |
| 1 | |
| 2 | |
| 3 | |

Loopback Message Interval

Table 3-523 Loopback Message Interval

| Name | Value |
|----------------|--|
| Default | yes:10 |
| Description | The interval between consequent Loopback messages. |
| Displayed name | Loopback Message Interval |
| Maximum | 100 |
| Minimum | 10 |
| OSS name | IBMInterval |
| Read-only | no |

Table 3-523 Loopback Message Interval (continued)

| Name | Value |
|-------------|---------------------------|
| Tab Panel | General Ethernet Loopback |
| Type | INT |
| Units | x100ms |

Loopback Reply Timeout

Table 3-524 Loopback Reply Timeout

| Name | Value |
|----------------|---------------------------|
| Default | yes:30 |
| Description | Loopback Reply Timeout. |
| Displayed name | Loopback Reply Timeout |
| Maximum | 30 |
| Minimum | 1 |
| OSS name | IBMRTimeout |
| Read-only | no |
| Tab Panel | General Ethernet Loopback |
| Type | INT |
| Units | seconds |

Loss Threshold

Table 3-525 Loss Threshold

| Name | Value |
|----------------|--|
| Default | yes:1.50 |
| Description | The optical intrusion loss threshold value. Current configurable range:1 to 5. |
| Displayed name | Loss Threshold |
| Maximum | 5 |
| Minimum | 1 |
| OSS name | ampCardOptIntLossThreashold |
| Read-only | no |
| Tab Panel | General Optical Intrusion Detection |
| Type | FLOAT |
| Units | dB |

Low Temperature Threshold

Table 3-526 Low Temperature Threshold

| Name | Value |
|----------------|---|
| Description | The low temperature threshold of the card. Current configurable range: 1830 PSS-32: -5 to 90 1830 PSS-1: -5 to 90 |
| Displayed name | Low Temperature Threshold |
| Maximum | 90 |
| Minimum | -45 |
| OSS name | cardLowTemperatureThresh |
| Read-only | no |
| Tab Panel | General Temperature |
| Type | INT |
| Units | Celsius |

Maximum Add Channel Count

Table 3-527 Maximum Add Channel Count

| Name | Value |
|----------------|---|
| Description | For CWR Card.The maximum number of channels supported on the add path. Current configurable range: CWR8: 8 to 44. CWR8-88: WR2-88: 8 to 88. |
| Displayed name | Maximum Add Channel Count |
| Maximum | 88 |
| Minimum | 8 |
| OSS name | wssCardAddPathTotalChannel |
| Read-only | no |
| Tab Panel | General CWR/WR |
| Type | INT |

Maximum Current

Table 3-528 Maximum Current

| Name | Value |
|----------------|-----------------|
| Displayed name | Maximum Current |
| OSS name | cardMaxCurrent |
| Read-only | no |

Table 3-528 Maximum Current (continued)

| Name | Value |
|-------------|----------------------|
| Tab Panel | General Card Details |
| Type | FLOAT |
| Units | Amps |

Maximum Gain**Table 3-529 Maximum Gain**

| Name | Value |
|----------------|--|
| Default | yes:24 |
| Description | Applies to the output port of amplifier module in the mesh card. |
| Displayed name | Maximum Gain |
| Maximum | 24 |
| Minimum | 7 |
| OSS name | meshCardPowerGainMax |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dB |

Maximum Power**Table 3-530 Maximum Power**

| Name | Value |
|----------------|--|
| Description | P sub 0, P sub 50 and P sub 100 (percent utilization of transmission function) provided for ATIS TEER calculation. These measurements are to be made under the conditions provided in ATIS-0600015-2009: Temperature: 25 deg C +/- 3 deg C (77 deg F +/- 5 deg F) Humidity: Relative humidity between 30% and 75% Barometric Pressure: Between 1020 and 812 mbar. Current range: 0.00 to 1,000.00. |
| Displayed name | Maximum Power |
| OSS name | cardMaxPower |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | FLOAT |
| Units | Watts |

Minimum Gain
Table 3-531 Minimum Gain

| Name | Value |
|----------------|--|
| Default | yes:7 |
| Description | Applies to the output port of amplifier module in the mesh card. |
| Displayed name | Minimum Gain |
| Maximum | 24 |
| Minimum | 7 |
| OSS name | meshCardPowerGainMin |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dB |

Mnemonic**Table 3-532 Mnemonic**

| Name | Value |
|----------------|-------------------|
| Description | Card Mnemonic. |
| Displayed name | Mnemonic |
| OSS name | cardMnemonic |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Monitoring Enabled**Table 3-533 Monitoring Enabled**

| Name | Value |
|----------------|--|
| Description | The status of the Optical Intrusion detection feature. |
| Displayed name | Monitoring Enabled |
| OSS name | ampCardOptIntDetection |
| Read-only | no |
| Tab Panel | General Optical Intrusion Detection |
| Type | BOOL |

Node Critical LED Color**Table 3-534 Node Critical LED Color**

| Name | Value |
|----------------|--|
| Description | This property is just for display - built using critical Status LED Color. |
| Displayed name | Node Critical LED Color |
| OSS name | criticalStatusLED |
| Read-only | no |
| Tab Panel | General States |
| Type | STRING |

Node Major LED Color**Table 3-535 Node Major LED Color**

| Name | Value |
|----------------|---|
| Description | This property is just for display - built using major Status LED Color. |
| Displayed name | Node Major LED Color |
| OSS name | majorStatusLED |
| Read-only | no |
| Tab Panel | General States |
| Type | STRING |

Node Minor LED Color**Table 3-536 Node Minor LED Color**

| Name | Value |
|----------------|---|
| Description | This property is just for display - built using minor Status LED Color. |
| Displayed name | Node Minor LED Color |
| OSS name | minorStatusLED |
| Read-only | no |
| Tab Panel | General States |
| Type | STRING |

Node Warning LED Color
Table 3-537 Node Warning LED Color

| Name | Value |
|----------------|--|
| Description | This property is just for display - built using critical Status LED Color. |
| Displayed name | Node Warning LED Color |
| OSS name | warningStatusLED |
| Read-only | no |
| Tab Panel | General States |
| Type | STRING |

Operational Capability**Table 3-538 Operational Capability**

| Name | Value |
|--------------------------|------------------------------------|
| Description | Shows Card Operational Capability. |
| Displayed name | Operational Capability |
| OSS name | operationalCapability |
| Read-only | no |
| Tab Panel | General States |
| Type | OperationalCapability |
| Enumerated types: | |
| Disabled | |
| Enabled | |
| Partially Enabled | |

Optical Interconnect Line Count**Table 3-539 Optical Interconnect Line Count**

| Name | Value |
|----------------|--|
| Default | yes:2 |
| Description | For CWR Card. The reserved degree. Current configurable range: 1 to 8. |
| Displayed name | Optical Interconnect Line Count |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | wssCardReservedDegree |

Table 3-539 Optical Interconnect Line Count (continued)

| Name | Value |
|-------------|----------------|
| Read-only | no |
| Tab Panel | General CWR/WR |
| Type | INT |

Output Selection

Table 3-540 Output Selection

| Name | Value |
|--------------------------|----------------------------------|
| Displayed name | Output Selection |
| OSS name | syncEStationClockOutputSelection |
| Read-only | no |
| Tab Panel | General SyncOut Settings |
| Type | SyncEStationClockOutSel |
| Enumerated types: | |
| Output Timing | |
| System Internal Timing | |

Output VOA Setting

Table 3-541 Output VOA Setting

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Applies to the output port of the amplifier module in the mesh card. |
| Displayed name | Output VOA Setting |
| Maximum | 18 |
| Minimum | 0 |
| OSS name | meshCardVoaSet |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dB |

Per-Channel Output Power
Table 3-542 Per-Channel Output Power

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | Common Ingress Power. This is the per channel default ingress power. |
| Displayed name | Per-Channel Output Power |
| Maximum | 10 |
| Minimum | -10 |
| OSS name | meshCardCommonEgressPower |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dBm |

PF Slot 1 (Reference local)**Table 3-543 PF Slot 1 (Reference local)**

| Name | Value |
|----------------|--|
| Displayed name | PF Slot 1 (Reference local) |
| OSS name | primaryPfSlot |
| Read-only | no |
| Tab Panel | General Clock Frequency Drift for shelf 16 |
| Type | STRING |

PF Slot 1 (Reference PF slot 11)**Table 3-544 PF Slot 1 (Reference PF slot 11)**

| Name | Value |
|----------------|--|
| Displayed name | PF Slot 1 (Reference PF slot 11) |
| OSS name | pfSlotReference |
| Read-only | no |
| Tab Panel | General Clock Frequency Drift for shelf 16 |
| Type | STRING |

PF Slot 11 (Reference local)**Table 3-545 PF Slot 11 (Reference local)**

| Name | Value |
|----------------|--|
| Displayed name | PF Slot 11 (Reference local) |
| OSS name | secondaryPfSlot |
| Read-only | no |
| Tab Panel | General Clock Frequency Drift for shelf 16 |
| Type | STRING |

PF Slot 19 (Reference local)**Table 3-546 PF Slot 19 (Reference local)**

| Name | Value |
|----------------|--|
| Displayed name | PF Slot 19 (Reference local) |
| OSS name | primaryPfSlot |
| Read-only | no |
| Tab Panel | General Clock Frequency Drift for shelf 32 |
| Type | STRING |

PF Slot 19 (Reference PF slot 36)**Table 3-547 PF Slot 19 (Reference PF slot 36)**

| Name | Value |
|----------------|--|
| Displayed name | PF Slot 19 (Reference PF slot 36) |
| OSS name | pfSlotReference |
| Read-only | no |
| Tab Panel | General Clock Frequency Drift for shelf 32 |
| Type | STRING |

PF Slot 36 (Reference local)**Table 3-548 PF Slot 36 (Reference local)**

| Name | Value |
|----------------|------------------------------|
| Displayed name | PF Slot 36 (Reference local) |
| OSS name | secondaryPfSlot |

Table 3-548 PF Slot 36 (Reference local) (continued)

| Name | Value |
|-------------|--|
| Read-only | no |
| Tab Panel | General Clock Frequency Drift for shelf 32 |
| Type | STRING |

PMD**Table 3-549 PMD**

| Name | Value |
|----------------|--|
| Description | The value for Polarization mode dispersion (unit: ps). |
| Displayed name | PMD |
| OSS name | dcmCardPMD |
| Read-only | no |
| Tab Panel | General DCM |
| Type | STRING |
| Units | ps |

Polling Period**Table 3-550 Polling Period**

| Name | Value |
|----------------|--|
| Default | yes:30 |
| Description | The optical intrusion poll period. Current configurable range:20 to 120. |
| Displayed name | Polling Period |
| Maximum | 120 |
| Minimum | 20 |
| OSS name | ampCardOptIntPollPeriod |
| Read-only | no |
| Tab Panel | General Optical Intrusion Detection |
| Type | INT |
| Units | seconds |

Primary State

Table 3-551 Primary State

| Name | Value |
|--|------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | General States |
| Type | PrimaryStateType |
| Enumerated types: | |
| In Service | |
| In Service (Abnormal) | |
| In Service (Normal) | |
| Out Of Service (Autonomous and Management) | |
| Out Of Service (Autonomous) | |
| Out Of Service (Management) | |

Protection LED

Table 3-552 Protection LED

| Name | Value |
|----------------|--|
| Description | This property is just for display - built using activityLEDType/Color. |
| Displayed name | Protection LED |
| OSS name | activityLED |
| Read-only | no |
| Tab Panel | General States |
| Type | STRING |

Protection LED Color

Table 3-553 Protection LED Color

| Name | Value |
|----------------|-----------------------|
| Displayed name | Protection LED Color |
| OSS name | ptpProtectionLEDColor |
| Read-only | no |

Table 3-553 Protection LED Color (continued)

| Name | Value |
|-------------|----------------|
| Tab Panel | General States |
| Type | STRING |

Protection Mode**Table 3-554 Protection Mode**

| Name | Value |
|--------------------------|--|
| Default | yes:unspecified |
| Description | The card protection mode for cards like OPSA/OPSB. |
| Displayed name | Protection Mode |
| OSS name | cardProtectionMode |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | CardProtectionMode |
| Enumerated types: | |
| OCHP | |
| OLP | |
| OMSP | |
| OTUP | |

Protection Setting**Table 3-555 Protection Setting**

| Name | Value |
|--------------------------|---|
| Description | This attribute indicates whether control card is active or not. |
| Displayed name | Protection Setting |
| Maximum | 252 |
| OSS name | ecActivityState |
| Read-only | no |
| Tab Panel | General Protection Switch |
| Type | EcActivityState |
| Enumerated types: | |
| Active | |

Table 3-555 Protection Setting (continued)

| Name | Value |
|------------|-------|
| Inactive | |
| Unequipped | |
| Unknown | |

Provisioned Clock Source**Table 3-556 Provisioned Clock Source**

| Name | Value |
|--------------------------|--------------------------|
| Default | yes:auto |
| Displayed name | Provisioned Clock Source |
| OSS name | provisionedClkSrc |
| Read-only | no |
| Tab Panel | General Clock Switch |
| Type | WdmWtClk |
| Enumerated types: | |
| | |
| Auto | |
| PF Slot 1 | |
| PF Slot 11 | |
| PF Slot 19 | |
| PF Slot 36 | |

Provisioned Distance**Table 3-557 Provisioned Distance**

| Name | Value |
|----------------|--|
| Description | The programmed compensation distance associated with this DCM card. Current configurable range 1830: 10 to 240. Possible programmed values are 10, 20, 30,40, 50, 60, 70, 80, 90, 100, 110, 120, 130,140,160,180,200,220,240. A value of 0 indicates that the distance is not defined. |
| Displayed name | Provisioned Distance |
| Maximum | 240 |
| Minimum | 0 |
| OSS name | dcmCardProvDistance |

Table 3-557 Provisioned Distance (continued)

| Name | Value |
|-------------|-------------|
| Read-only | no |
| Step | 10 |
| Tab Panel | General DCM |
| Type | INT |
| Units | km |

Provisioned Fiber Type

Table 3-558 Provisioned Fiber Type

| Name | Value |
|--------------------------|---|
| Description | The type of fiber that the DCM is provisioned to dispersion-compensate. |
| Displayed name | Provisioned Fiber Type |
| OSS name | dcmCardProvFiberType |
| Read-only | no |
| Tab Panel | General DCM |
| Type | FiberType |
| Enumerated types: | |
| ELEAF | |
| ELEAFB | |
| SSMF | |
| SSMFB | |
| TWRS | |

PTP LED Color

Table 3-559 PTP LED Color

| Name | Value |
|----------------|----------------|
| Displayed name | PTP LED Color |
| OSS name | ptpLEDColor |
| Read-only | no |
| Tab Panel | General States |
| Type | STRING |

Pump1 Bias Current

Table 3-560 Pump1 Bias Current

| Name | Value |
|----------------|---|
| Description | The Amplifier card parameter that specifies the existing bias current of the OA laser pump 1. |
| Displayed name | Pump1 Bias Current |
| OSS name | ampCardPump1Bias |
| Read-only | no |
| Tab Panel | General EDFA Attributes |
| Type | INT |
| Units | mA |

Pump1 Bias Current

Table 3-561 Pump1 Bias Current

| Name | Value |
|----------------|---|
| Description | The Amplifier card parameter that specifies the existing bias current of the OA laser pump 1. |
| Displayed name | Pump1 Bias Current |
| OSS name | ampCardPump1Bias |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | mA |

Pump1 Temperature

Table 3-562 Pump1 Temperature

| Name | Value |
|----------------|--|
| Description | The Amplifier card parameter that specifies the existing temperature of the OA laser Pump 1. |
| Displayed name | Pump1 Temperature |
| OSS name | ampCardPump1Temp |
| Read-only | no |
| Tab Panel | General EDFA Attributes |
| Type | INT |
| Units | Celsius |

Pump1 Temperature

Table 3-563 Pump1 Temperature

| Name | Value |
|----------------|--|
| Description | The Amplifier card parameter that specifies the existing temperature of the OA laser Pump 1. |
| Displayed name | Pump1 Temperature |
| OSS name | ampCardPump1Temp |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | Celsius |

Pump2 Bias Current

Table 3-564 Pump2 Bias Current

| Name | Value |
|----------------|---|
| Description | The Amplifier card parameter that specifies the existing bias current of the OA laser pump 2. |
| Displayed name | Pump2 Bias Current |
| OSS name | ampCardPump2Bias |
| Read-only | no |
| Tab Panel | General EDFA Attributes |
| Type | INT |
| Units | mA |

Pump2 Bias Current

Table 3-565 Pump2 Bias Current

| Name | Value |
|----------------|---|
| Description | The Amplifier card parameter that specifies the existing bias current of the OA laser pump 2. |
| Displayed name | Pump2 Bias Current |
| OSS name | ampCardPump2Bias |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | mA |

Pump2 Temperature

Table 3-566 Pump2 Temperature

| Name | Value |
|----------------|--|
| Description | The Amplifier card parameter that specifies the existing temperature of the OA laser Pump 2. |
| Displayed name | Pump2 Temperature |
| OSS name | ampCardPump2Temp |
| Read-only | no |
| Tab Panel | General EDFA Attributes |
| Type | INT |
| Units | Celsius |

Pump2 Temperature

Table 3-567 Pump2 Temperature

| Name | Value |
|----------------|--|
| Description | The Amplifier card parameter that specifies the existing temperature of the OA laser Pump 2. |
| Displayed name | Pump2 Temperature |
| OSS name | ampCardPump2Temp |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | Celsius |

Pump3 Bias Current

Table 3-568 Pump3 Bias Current

| Name | Value |
|----------------|---|
| Description | The Amplifier card parameter that specifies the existing bias current of the OA laser pump 3. |
| Displayed name | Pump3 Bias Current |
| OSS name | ampCardPump3Bias |
| Read-only | no |
| Tab Panel | General EDFA Attributes |
| Type | INT |
| Units | mA |

Pump3 Bias Current

Table 3-569 Pump3 Bias Current

| Name | Value |
|----------------|---|
| Description | The Amplifier card parameter that specifies the existing bias current of the OA laser pump 3. |
| Displayed name | Pump3 Bias Current |
| OSS name | ampCardPump3Bias |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | mA |

Pump3 Temperature

Table 3-570 Pump3 Temperature

| Name | Value |
|----------------|--|
| Description | The Amplifier card parameter that specifies the existing temperature of the OA laser Pump 3. |
| Displayed name | Pump3 Temperature |
| OSS name | ampCardPump3Temp |
| Read-only | no |
| Tab Panel | General EDFA Attributes |
| Type | INT |
| Units | Celsius |

Pump3 Temperature

Table 3-571 Pump3 Temperature

| Name | Value |
|----------------|--|
| Description | The Amplifier card parameter that specifies the existing temperature of the OA laser Pump 3. |
| Displayed name | Pump3 Temperature |
| OSS name | ampCardPump3Temp |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | Celsius |

Pump4 Bias Current

Table 3-572 Pump4 Bias Current

| Name | Value |
|----------------|---|
| Description | The Amplifier card parameter that specifies the existing bias current of the OA laser pump 4. |
| Displayed name | Pump4 Bias Current |
| OSS name | ampCardPump4Bias |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | mA |

Pump4 Temperature

Table 3-573 Pump4 Temperature

| Name | Value |
|----------------|--|
| Description | The Amplifier card parameter that specifies the existing temperature of the OA laser Pump 4. |
| Displayed name | Pump4 Temperature |
| OSS name | ampCardPump4Temp |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | Celsius |

Pump5 Bias Current

Table 3-574 Pump5 Bias Current

| Name | Value |
|----------------|---|
| Description | The Amplifier card parameter that specifies the existing bias current of the OA laser pump 5. |
| Displayed name | Pump5 Bias Current |
| OSS name | ampCardPump5Bias |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | mA |

Pump5 Temperature**Table 3-575 Pump5 Temperature**

| Name | Value |
|----------------|--|
| Description | The Amplifier card parameter that specifies the existing temperature of the OA laser Pump 5. |
| Displayed name | Pump5 Temperature |
| OSS name | ampCardPump5Temp |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | Celsius |

Pump6 Bias current**Table 3-576 Pump6 Bias current**

| Name | Value |
|----------------|---|
| Description | The Amplifier card parameter that specifies the existing bias current of the OA laser pump 6. |
| Displayed name | Pump6 Bias current |
| OSS name | ampCardPump6Bias |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | mA |

Pump6 Temperature**Table 3-577 Pump6 Temperature**

| Name | Value |
|----------------|--|
| Description | The Amplifier card parameter that specifies the existing temperature of the OA laser Pump 6. |
| Displayed name | Pump6 Temperature |
| OSS name | ampCardPump6Temp |
| Read-only | no |
| Tab Panel | General Pump Attributes |
| Type | INT |
| Units | Celsius |

Quality Level Threshold
Table 3-578 Quality Level Threshold

| Name | Value |
|--------------------------|-----------------------------------|
| Displayed name | Quality Level Threshold |
| OSS name | syncEStationClockQLThreshold |
| Read-only | no |
| Tab Panel | General SyncOut Settings |
| Type | SyncEStationQualityLevelThreshold |
| Enumerated types: | |
| DNU | |
| DUS | |
| PRC | |
| PRS | |
| SEC | |
| SSU_A | |
| SSU_B | |
| ST2 | |
| ST3 | |
| ST3E | |
| STU | |

Raman Pump1 Bias Current**Table 3-579 Raman Pump1 Bias Current**

| Name | Value |
|----------------|--|
| Description | The current bias of the OA Laser Pump 1. |
| Displayed name | Raman Pump1 Bias Current |
| OSS name | hybridCardPump1Bias |
| Read-only | no |
| Tab Panel | General Raman Attributes |
| Type | INT |
| Units | mA |

Raman Pump1 Temperature

Table 3-580 Raman Pump1 Temperature

| Name | Value |
|----------------|---|
| Description | The current temperature of the OA Laser Pump 1. |
| Displayed name | Raman Pump1 Temperature |
| OSS name | hybridCardPump1Temp |
| Read-only | no |
| Tab Panel | General Raman Attributes |
| Type | INT |
| Units | Celsius |

Raman Pump2 Bias Current

Table 3-581 Raman Pump2 Bias Current

| Name | Value |
|----------------|--|
| Description | The current bias of the OA Laser Pump 2. |
| Displayed name | Raman Pump2 Bias Current |
| OSS name | hybridCardPump2Bias |
| Read-only | no |
| Tab Panel | General Raman Attributes |
| Type | INT |
| Units | mA |

Raman Pump2 Temperature

Table 3-582 Raman Pump2 Temperature

| Name | Value |
|----------------|---|
| Description | The current temperature of the OA Laser Pump 2. |
| Displayed name | Raman Pump2 Temperature |
| OSS name | hybridCardPump2Temp |
| Read-only | no |
| Tab Panel | General Raman Attributes |
| Type | INT |
| Units | Celsius |

Raman Pump3 Bias Current

Table 3-583 Raman Pump3 Bias Current

| Name | Value |
|----------------|--|
| Description | The current bias of the OA Laser Pump 3. |
| Displayed name | Raman Pump3 Bias Current |
| OSS name | hybridCardPump3Bias |
| Read-only | no |
| Tab Panel | General Raman Attributes |
| Type | INT |
| Units | mA |

Raman Pump3 Temperature

Table 3-584 Raman Pump3 Temperature

| Name | Value |
|----------------|---|
| Description | The current temperature of the OA Laser Pump 3. |
| Displayed name | Raman Pump3 Temperature |
| OSS name | hybridCardPump3Temp |
| Read-only | no |
| Tab Panel | General Raman Attributes |
| Type | INT |
| Units | Celsius |

Raman Pump4 Bias Current

Table 3-585 Raman Pump4 Bias Current

| Name | Value |
|----------------|--|
| Description | The current bias of the OA Laser Pump 4. |
| Displayed name | Raman Pump4 Bias Current |
| OSS name | hybridCardPump4Bias |
| Read-only | no |
| Tab Panel | General Raman Attributes |
| Type | INT |
| Units | mA |

Raman Pump4 Temperature

Table 3-586 Raman Pump4 Temperature

| Name | Value |
|----------------|---|
| Description | The current temperature of the OA Laser Pump 4. |
| Displayed name | Raman Pump4 Temperature |
| OSS name | hybridCardPump4Temp |
| Read-only | no |
| Tab Panel | General Raman Attributes |
| Type | INT |
| Units | Celsius |

Secondary State

Table 3-587 Secondary State

| Name | Value |
|---|--------------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | General States |
| Type | SecondaryStateType |
| Enumerated types: | |
| Active | |
| Automatic In-Service | |
| Busy | |
| Clock Not Aligned | |
| Control Plane | |
| Control Plane and Management Plane | |
| Control Plane and Management Plane Enhanced | |
| Disabled | |
| Facility Failure | |
| Fault | |
| Loopback | |
| Maintenance | |
| Management Plane | |

Table 3-587 Secondary State (continued)

| Name | Value |
|--------------------------------------|-------|
| Manual Delete | |
| Mismatch of Equipment and Attributes | |
| Not Implemented in Hardware | |
| Performance Monitoring Disabled | |
| Protection Switching Inhibited | |
| Software Download | |
| Standby Cold | |
| Standby Hot | |
| Standby Switched | |
| Supported Entity Service Exists | |
| Supporting Entity Outage | |
| Terminated | |
| Unassigned | |
| Unequipped | |
| Working | |

Serial Number**Table 3-588 Serial Number**

| Name | Value |
|----------------|---------------------|
| Description | Card Serial Number. |
| Displayed name | Serial Number |
| OSS name | cardSerialNum |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Signal Output Power**Table 3-589 Signal Output Power**

| Name | Value |
|---------|-----------|
| Default | yes:-99.0 |

Table 3-589 Signal Output Power (continued)

| Name | Value |
|----------------|--|
| Description | The total input power plus the programmed gain. Applies to the output port of the amplifier module in the mesh card. |
| Displayed name | Signal Output Power |
| OSS name | meshCardSignalPowerOut |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dBm |

Size**Table 3-590 Size**

| Name | Value |
|----------------|--|
| Description | The length of TRANSMISSION fiber that the DCM is designed to compensate (unit:km). |
| Displayed name | Size |
| OSS name | dcmCardSize |
| Read-only | no |
| Tab Panel | General DCM |
| Type | STRING |
| Units | km |

Software Load**Table 3-591 Software Load**

| Name | Value |
|----------------|----------------------------------|
| Description | Card Software Generic Load Name. |
| Displayed name | Software Load |
| OSS name | cardSoftwareLoad |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | STRING |

Software Part Number
Table 3-592 Software Part Number

| Name | Value |
|----------------|----------------------|
| Description | tnCardSWPartNum. |
| Displayed name | Software Part Number |
| OSS name | cardSoftwarePartNum |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Span Loss**Table 3-593 Span Loss**

| Name | Value |
|----------------|--|
| Default | yes:99 |
| Description | For Amplifier cards. The span loss value. Current range:0 to 99. |
| Displayed name | Span Loss |
| Maximum | 99 |
| Minimum | 0 |
| OSS name | ampCardOptIntSpanLoss |
| Read-only | no |
| Tab Panel | General Optical Intrusion Detection |
| Type | FLOAT |
| Units | dB |

SSBit**Table 3-594 SSBit**

| Name | Value |
|----------------|---|
| Description | The SS-Bit SONET/SDH overhead transmit value. |
| Displayed name | SSBit |
| OSS name | ssBitTransmit |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | SSBit |

Table 3-594 SSBIt (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| SS00 | |
| SS10 | |

Standby Controller Ready to Protect**Table 3-595 Standby Controller Ready to Protect**

| Name | Value |
|----------------|---|
| Description | Is Shelf's Standby EC Ready to Protect. |
| Displayed name | Standby Controller Ready to Protect |
| OSS name | mateCCReadyToProtect |
| Read-only | no |
| Tab Panel | General Protection Switch |
| Type | BOOL |

State Qualifier**Table 3-596 State Qualifier**

| Name | Value |
|--------------------------|-----------------------|
| Description | Card State Qualifier. |
| Displayed name | State Qualifier |
| OSS name | stateQualifier |
| Read-only | no |
| Tab Panel | General States |
| Type | StateQualifier |
| Enumerated types: | |
| AINS | |
| FAF | |
| FLT | |
| LOCKED | |
| MEA | |
| MT | |
| PORT RX FAULT | |

Table 3-596 State Qualifier (continued)

| Name | Value |
|---------------|-------|
| PORT TX FAULT | |
| SDEE | |
| SGEO | |
| UAS | |
| UEQ | |

Status LED Color**Table 3-597 Status LED Color**

| Name | Value |
|----------------|---|
| Description | This property is just for display - built using LED status Color. |
| Displayed name | Status LED Color |
| OSS name | statusLED |
| Read-only | no |
| Tab Panel | General States |
| Type | STRING |

SVLAN Tag Protocol ID1**Table 3-598 SVLAN Tag Protocol ID1**

| Name | Value |
|----------------|-------------------------------------|
| Description | SVLANTagProtocolID1 for 11DPE12A/E. |
| Displayed name | SVLAN Tag Protocol ID1 |
| OSS name | sVLANTagProtocolID1 |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | STRING |
| Units | Hex: 0001-FFFF |

SVLAN Tag Protocol ID2**Table 3-599 SVLAN Tag Protocol ID2**

| Name | Value |
|----------------|-------------------------------------|
| Description | SVLANTagProtocolID2 for 11DPE12A/E. |
| Displayed name | SVLAN Tag Protocol ID2 |
| OSS name | sSVLANTagProtocolID2 |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | STRING |
| Units | Hex: 0001-FFFF |

SVLAN Tag Protocol ID3**Table 3-600 SVLAN Tag Protocol ID3**

| Name | Value |
|----------------|-------------------------------------|
| Description | SVLANTagProtocolID3 for 11DPE12A/E. |
| Displayed name | SVLAN Tag Protocol ID3 |
| OSS name | sSVLANTagProtocolID3 |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | STRING |
| Units | Hex: 0001-FFFF |

SVLAN Tag Protocol ID4**Table 3-601 SVLAN Tag Protocol ID4**

| Name | Value |
|----------------|-------------------------------------|
| Description | SVLANTagProtocolID3 for 11DPE12A/E. |
| Displayed name | SVLAN Tag Protocol ID4 |
| OSS name | sSVLANTagProtocolID4 |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | STRING |
| Units | Hex: 0001-FFFF |

Switch Request
Table 3-602 Switch Request

| Name | Value |
|--------------------------|--|
| Description | [switchRequest] 0 means sync0, 1 means lineref1, 2 means lineref2, 3 means lineref3, 4 means lineref4. |
| Displayed name | Switch Request |
| OSS name | switchRequest |
| Read-only | no |
| Tab Panel | General Sync0 Settings |
| Type | SwitchRequestTypes |
| Enumerated types: | |
| Automatic | |
| Clear | |
| Clear Clock | |
| Clear Lockout | |
| Clear Reference | |
| Forced Switch | |
| Internal Switch | |
| Lockout | |
| Manual Switch | |
| No Request | |

Switch Request**Table 3-603 Switch Request**

| Name | Value |
|--------------------------|---------------------------|
| Displayed name | Switch Request |
| OSS name | syncEStationSwitchRequest |
| Read-only | no |
| Tab Panel | General SyncOut Settings |
| Type | SwitchRequestTypes |
| Enumerated types: | |
| Automatic | |
| Clear | |
| Clear Clock | |

Table 3-603 Switch Request (continued)

| Name | Value |
|-----------------|-------|
| Clear Lockout | |
| Clear Reference | |
| Forced Switch | |
| Internal Switch | |
| Lockout | |
| Manual Switch | |
| No Request | |

Switch To Timing Reference**Table 3-604 Switch To Timing Reference**

| Name | Value |
|--------------------------|--|
| Description | 1 means nocmd, 2 means clear, 3 means lockout, 4 means forceswitch, 5 means manual. 6 means auto 7 means clearlockout. |
| Displayed name | Switch To Timing Reference |
| OSS name | switchToTimingReference |
| Read-only | no |
| Tab Panel | General Sync0 Settings |
| Type | SwitchLineReference |
| Enumerated types: | |
| External Line Ref 0 | |
| External Line Ref 1 | |
| Line Ref 0 | |
| Line Ref 1 | |
| Line Ref 2 | |
| Line Ref 3 | |
| Line Ref 4 | |
| Line Ref 5 | |
| Sync0/Internal | |

Switch To Timing Reference
Table 3-605 Switch To Timing Reference

| Name | Value |
|--------------------------|-------------------------------------|
| Displayed name | Switch To Timing Reference |
| OSS name | syncEStationSwitchToTimingReference |
| Read-only | no |
| Tab Panel | General SyncOut Settings |
| Type | SwitchLineReference |
| Enumerated types: | |
| External Line Ref 0 | |
| External Line Ref 1 | |
| Line Ref 0 | |
| Line Ref 1 | |
| Line Ref 2 | |
| Line Ref 3 | |
| Line Ref 4 | |
| Line Ref 5 | |
| Sync0/Internal | |

Switch Type**Table 3-606 Switch Type**

| Name | Value |
|--------------------------|---|
| Default | yes:nonrevertive |
| Description | The system timing WTR for Elan Cards, known as Switch Type. Possible values are Revertive (0) or Non-Revertive(999999). |
| Displayed name | Switch Type |
| OSS name | switchType |
| Read-only | no |
| Tab Panel | General Sync0 Settings |
| Type | SyncESwitchTypes |
| Enumerated types: | |
| Non-revertive | |
| Revertive | |

Sync Status Messaging

Table 3-607 Sync Status Messaging

| Name | Value |
|--------------------------|--------------------------|
| Default | yes:disable |
| Displayed name | Sync Status Messaging |
| OSS name | syncEStationClockSyncMsg |
| Read-only | no |
| Tab Panel | General SyncOut Settings |
| Type | EnableDisable |
| Enumerated types: | |
| Disable | |
| Enable | |

Sync Status Messaging

Table 3-608 Sync Status Messaging

| Name | Value |
|--------------------------|---------------------------------|
| Description | If it supports Sync-E messages. |
| Displayed name | Sync Status Messaging |
| OSS name | syncStatusMessaging |
| Read-only | no |
| Tab Panel | General Sync0 Settings |
| Type | EnableDisable |
| Enumerated types: | |
| Disable | |
| Enable | |

SyncE Support

Table 3-609 SyncE Support

| Name | Value |
|----------------|---|
| Default | yes:disable |
| Description | The Synchronous Ethernet is supported/not supported for the pack. |
| Displayed name | SyncE Support |
| OSS name | syncESupport |

Table 3-609 SyncE Support (continued)

| Name | Value |
|--------------------------|----------------------|
| Read-only | no |
| Tab Panel | General Card Details |
| Type | EnableDisable |
| Enumerated types: | |
| Disable | |
| Enable | |

System Quality Level

Table 3-610 System Quality Level

| Name | Value |
|--------------------------|--|
| Default | yes:unspecified |
| Description | The value of the system quality level (SSM). |
| Displayed name | System Quality Level |
| OSS name | syncESystemQL |
| Read-only | no |
| Tab Panel | General Sync0 Settings |
| Type | SystemQualityLevel |
| Enumerated types: | |
| Auto | |
| DNU | |
| DUS | |
| EEC Option 1 | |
| Not Applicable | |
| PNO | |
| PRC | |
| PRS | |
| Quality Unknown | |
| SEC | |
| SMC | |
| SSUL | |
| SSUT | |
| SSU_A | |

Table 3-610 System Quality Level (continued)

| Name | Value |
|-------------|-------|
| SSU_B | |
| ST2 | |
| ST3 | |
| ST3E | |
| ST4 | |
| STU | |
| TNC | |
| unspecified | |
| Unstable | |

Tag Protocol ID**Table 3-611 Tag Protocol ID**

| Name | Value |
|----------------|--|
| Description | The Q in Q Mode TPID for 11DPGE12. Current configurable range: 0x00 to 0xFFFF. |
| Displayed name | Tag Protocol ID |
| OSS name | dpge12QINQModeTPID |
| Read-only | no |
| Tab Panel | General Card Details |
| Type | STRING |
| Units | Hex: 0001-FFFF |

Target Tilt**Table 3-612 Target Tilt**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Current OA tilt setting for the output port of the amplifier module in the mesh card. |
| Displayed name | Target Tilt |
| Maximum | 4 |
| Minimum | -4 |
| OSS name | meshCardTargetTilt |
| Read-only | no |

Table 3-612 Target Tilt (continued)

| Name | Value |
|-------------|-----------------------|
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dB |

Temperature Tolerance

Table 3-613 Temperature Tolerance

| Name | Value |
|----------------|--|
| Description | The temperature tolerance of the card, applied to the card's high and low temperature thresholds. Current configurable range: 0 to 10. |
| Displayed name | Temperature Tolerance |
| Maximum | 10 |
| Minimum | 0 |
| OSS name | cardTemperatureTolerance |
| Read-only | no |
| Tab Panel | General Temperature |
| Type | INT |
| Units | Celsius |

Total Dispersion Fit

Table 3-614 Total Dispersion Fit

| Name | Value |
|----------------|---|
| Description | Coefficients A, B, C and D of a 3rd Order polynomial fit of Chromatic dispersion vs. wavelength from 1528 to 1565nm in 0.4-2.0nm steps such that TotalDispersion = $A*(l-1546)^3 + B*(l-1546)^2 + C*(l-1546) + D$. |
| Displayed name | Total Dispersion Fit |
| OSS name | dcmCardTotalDispTilt |
| Read-only | no |
| Tab Panel | General DCM |
| Type | STRING |

Total Input Power
Table 3-615 Total Input Power

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total input power. Applies to the input port of the amplifier module in the mesh card. |
| Displayed name | Total Input Power |
| OSS name | meshCardPowerIn |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dBm |

Total Output Power**Table 3-616 Total Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total output power. Applies to the output port of the amplifier module in the mesh card. |
| Displayed name | Total Output Power |
| OSS name | meshCardPowerOut |
| Read-only | no |
| Tab Panel | General MESH4 Details |
| Type | FLOAT |
| Units | dBm |

Unit Part Number**Table 3-617 Unit Part Number**

| Name | Value |
|----------------|---------------------------------|
| Description | Card Manufacturing Part Number. |
| Displayed name | Unit Part Number |
| OSS name | cardManufacturingPartNum |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Wait To Restore
Table 3-618 Wait To Restore

| Name | Value |
|----------------|--|
| Default | yes:5 |
| Description | The system timing WTR. Possible values are {0-12}. |
| Displayed name | Wait To Restore |
| Maximum | 12 |
| Minimum | 0 |
| OSS name | waitToRestore |
| Read-only | no |
| Tab Panel | General Sync0 Settings |
| Type | LONG |
| Units | minutes |

Card TCA Profile Assignment parameters

Clear Bins
Table 3-619 Clear Bins

| Name | Value |
|--------------------------|---|
| Default | yes:1 |
| Description | This attribute is used to clear all the bins in an interval on a particular card and group. |
| Displayed name | Clear Bins |
| OSS name | clearBins |
| Read-only | no |
| Tab Panel | General General |
| Type | PerformCommand |
| Enumerated types: | |
| Execute | |
| Execute with Force | |
| No Cmd | |

Interval
Table 3-620 Interval

| Name | Value |
|--------------------------|--------------------------|
| Default | yes:0 |
| Description | The collection interval. |
| Displayed name | Interval |
| Mandatory on creation | yes |
| OSS name | interval |
| Read-only | no |
| Tab Panel | General General |
| Type | IntervalType |
| Enumerated types: | |
| 15 min Interval | |
| 24 hour Interval | |
| All | |
| Continuous | |
| Not Applicable | |

Number of Bins**Table 3-621 Number of Bins**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The number of collection bins in the interval. |
| Displayed name | Number of Bins |
| Maximum | 33 |
| Minimum | 1 |
| OSS name | noOfBins |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Profile Type
Table 3-622 Profile Type

| Name | Value |
|-----------------------|-----------------------|
| Default | yes:0 |
| Description | The group identifier. |
| Displayed name | Profile Type |
| Mandatory on creation | yes |
| OSS name | groupId |
| Read-only | no |
| Tab Panel | General General |
| Type | netca.TCAProfileType |

TCA Profile**Table 3-623 TCA Profile**

| Name | Value |
|----------------|------------------------|
| Default | yes: |
| Description | TCA Profile. |
| Displayed name | TCA Profile |
| OSS name | tcaProfilePointer |
| Read-only | no |
| Tab Panel | General Select Profile |
| Type | POINTER |

Card TCA Profiles parameters**Availability Interval for 1-day FLR****Table 3-624 Availability Interval for 1-day FLR**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:10 |
| Displayed name | Availability Interval for 1-day FLR |
| Maximum | 100 |
| Minimum | 1 |

Table 3-624 Availability Interval for 1-day FLR (continued)

| Name | Value |
|-------------|----------------------------------|
| OSS name | frameLossRatio1dayAvailInterval |
| Read-only | no |
| Tab Panel | General General Frame Loss Ratio |
| Type | INT |
| Units | seconds |

Availability Interval for 15-mins FLR**Table 3-625 Availability Interval for 15-mins FLR**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:10 |
| Displayed name | Availability Interval for 15-mins FLR |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | frameLossRatio15minAvailInterval |
| Read-only | no |
| Tab Panel | General General Frame Loss Ratio |
| Type | INT |
| Units | seconds |

Card Slot ID**Table 3-626 Card Slot ID**

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Card Slot ID |
| OSS name | slotId |
| Read-only | yes |
| Tab Panel | General Card Slot |
| Type | INT |

Configuration Mode
Table 3-627 Configuration Mode

| Name | Value |
|----------------|------------------------------|
| Default | yes:draft |
| Displayed name | Configuration Mode |
| OSS name | configurationMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | ConfigurationMode |

Description**Table 3-628 Description**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Discovery State**Table 3-629 Discovery State**

| Name | Value |
|----------------|--|
| Default | yes:notApplicable |
| Description | Only applicable to the global policy. Set to "InProgress" if the global policy is created as part of the specific NE resync during the full node resync or node discovery. At the end of full node resync, if the resync is successful, the global policy is completely updated from first discovered local policy and its discoveryState is set to "completed". Otherwise, the global policy is not updated and its discoveryState is set to "failed". For "failed" global policy, it will be updated by next successful full node resync or synchronized from the specific local policy. Set to "initialized" if the global policy is created by SNMP trap notification. User may need to synchronize the global policy manually with the specific local policy. Set to "N/A" if the global policy is created or modified by a SAM user. |
| Displayed name | Discovery State |

Table 3-629 Discovery State (continued)

| Name | Value |
|-------------|------------------------------|
| OSS name | discoveryState |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DiscoveryState |

Distribution Mode**Table 3-630 Distribution Mode**

| Name | Value |
|----------------|------------------------------|
| Default | yes:syncWithGlobal |
| Displayed name | Distribution Mode |
| OSS name | distributionMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DistributionMode |

Interval for 1-day FLR**Table 3-631 Interval for 1-day FLR**

| Name | Value |
|--------------------------|----------------------------------|
| Default | yes:1hr |
| Displayed name | Interval for 1-day FLR |
| OSS name | frameLossRatio1dayInterval |
| Read-only | no |
| Tab Panel | General General Frame Loss Ratio |
| Type | FLRIntervalType |
| Enumerated types: | |
| 1 hour | |
| 2 hours | |
| 3 hours | |
| 4 hours | |
| 6 hours | |
| 8 hours | |

Last Sync From
Table 3-632 Last Sync From

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | Only applicable to the global policy. Set to the siteld if the policy is created as the part of the specific NE resync or by SNMP notification. Set to user name if the policy is created by a SAM user. |
| Displayed name | Last Sync From |
| Maximum | 50 |
| OSS name | origin |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | STRING |

Last Sync Time**Table 3-633 Last Sync Time**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Only applicable to the global policy. Specifies the time at which latest sync occurred. |
| Displayed name | Last Sync Time |
| OSS name | lastSyncTime |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DATE |

Number of 1-day Bins**Table 3-634 Number of 1-day Bins**

| Name | Value |
|----------------|----------------------|
| Default | yes:8 |
| Displayed name | Number of 1-day Bins |
| Maximum | 8 |
| Minimum | 1 |
| OSS name | numOfBins1day |

Table 3-634 Number of 1-day Bins (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Number of 15-min Bins**Table 3-635 Number of 15-min Bins**

| Name | Value |
|----------------|-----------------------|
| Default | yes:33 |
| Displayed name | Number of 15-min Bins |
| Maximum | 33 |
| Minimum | 1 |
| OSS name | numOfBins15min |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Origin Site Name**Table 3-636 Origin Site Name**

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Origin Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Policy Scope
Table 3-637 Policy Scope

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Displayed name | Policy Scope |
| OSS name | isLocal |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | BOOL |

Shelf ID**Table 3-638 Shelf ID**

| Name | Value |
|----------------|-------------------|
| Default | yes:1 |
| Displayed name | Shelf ID |
| OSS name | shelfId |
| Read-only | yes |
| Tab Panel | General Card Slot |
| Type | INT |

Site ID**Table 3-639 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name
Table 3-640 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

TCA Profile ID**Table 3-641 TCA Profile ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | TCA Profile ID |
| Mandatory on creation | yes |
| Maximum | 8 |
| Minimum | 0 |
| OSS name | tcaProfileId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

TCA Profile Type**Table 3-642 TCA Profile Type**

| Name | Value |
|-----------------------|------------------|
| Default | yes:0 |
| Displayed name | TCA Profile Type |
| Mandatory on creation | yes |
| OSS name | groupId |
| Read-only | no |
| Tab Panel | General General |

Table 3-642 TCA Profile Type (continued)

| Name | Value |
|--------------------------|----------------|
| Type | TCAProfileType |
| Enumerated types: | |
| Card | |
| CD | |
| DGD | |
| Digital Wrapper | |
| E1 | |
| ENCRYPTION | |
| Ethernet | |
| FOFF | |
| Interface | |
| Lane Powers | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU0TCM | |
| ODU1 | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2ETCM | |
| ODU2TCM | |
| ODU3 | |
| ODU3E2 | |
| ODU3E2TCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4TCM | |
| ODURX | |

Table 3-642 TCA Profile Type (continued)

| Name | Value |
|------------------------|-------|
| ODUTX | |
| OPIN | |
| OPOCHIN | |
| OPOCHOUT | |
| OPOUT | |
| OPR | |
| OPT | |
| OSNR | |
| OTU | |
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E2 | |
| OTU4 | |
| Physical Code Sublayer | |
| Port | |
| PreFEC Bits | |
| SAP | |
| SDH | |
| SONET | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| Two Way DM | |
| Two Way LM | |
| Two Way SLM | |

Card TCA Thresholds parameters

TCA Interval Type

Table 3-643 TCA Interval Type

| Name | Value |
|-----------------------|----------------------|
| Default | yes:15minInterval |
| Displayed name | TCA Interval Type |
| Mandatory on creation | yes |
| OSS name | intervalType |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.IntervalType |

TCA Profile ID

Table 3-644 TCA Profile ID

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | TCA Profile ID |
| Mandatory on creation | yes |
| Maximum | 8 |
| Minimum | 0 |
| OSS name | tcaProfileId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

TCA Profile Type

Table 3-645 TCA Profile Type

| Name | Value |
|-----------------------|------------------|
| Default | yes:0 |
| Displayed name | TCA Profile Type |
| Mandatory on creation | yes |
| OSS name | groupId |

Table 3-645 TCA Profile Type (continued)

| Name | Value |
|--------------------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | TCAProfileType |
| Enumerated types: | |
| Card | |
| CD | |
| DGD | |
| Digital Wrapper | |
| E1 | |
| ENCRYPTION | |
| Ethernet | |
| FOFF | |
| Interface | |
| Lane Powers | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU0TCM | |
| ODU1 | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2ETCM | |
| ODU2TCM | |
| ODU3 | |
| ODU3E2 | |
| ODU3E2TCM | |
| ODU3TCM | |
| ODU4 | |

Table 3-645 TCA Profile Type (continued)

| Name | Value |
|------------------------|-------|
| ODU4TCM | |
| ODURX | |
| ODUTX | |
| OPIN | |
| OPOCHIN | |
| OPOCHOUT | |
| OPOUT | |
| OPR | |
| OPT | |
| OSNR | |
| OTU | |
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E2 | |
| OTU4 | |
| Physical Code Sublayer | |
| Port | |
| PreFEC Bits | |
| SAP | |
| SDH | |
| SONET | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| Two Way DM | |
| Two Way LM | |
| Two Way SLM | |

TCA Subgroup
Table 3-646 TCA Subgroup

| Name | Value |
|-----------------------|-----------------|
| Default | yes:1 |
| Displayed name | TCA Subgroup |
| Mandatory on creation | yes |
| Maximum | 33 |
| Minimum | 1 |
| OSS name | subGroup |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

TCA Variable Name**Table 3-647 TCA Variable Name**

| Name | Value |
|--------------------------|-------------------|
| Displayed name | TCA Variable Name |
| OSS name | tcaVariableName |
| Read-only | no |
| Tab Panel | General General |
| Type | StatsVariableName |
| Enumerated types: | |
| Average Power | |
| BBE-ODU | |
| BBE-OTU | |
| BBE-RS | |
| BBE-TCM | |
| Cpu Average Utilization | |
| CV 15 Min Rtr | |
| CV-S | |
| ES-ODU | |
| ES-OTU | |
| ES-RS | |
| ES-S | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|---------------------------|-------|
| ES-TCM | |
| FECC | |
| Heap Usage | |
| In Broadcast Packets | |
| In Discards | |
| In Errors | |
| In Multicast Packets | |
| In Octets | |
| In Packets Not Classified | |
| In Unicast Packets | |
| In Unknown Protocols | |
| Max Power | |
| Max Power Rtr | |
| Max Power Tr | |
| Min Power | |
| Min Power Rtr | |
| Min Power Tr | |
| OFS-RS | |
| Opr Lane Stat Max Power | |
| Opr Lane Stat Min Power | |
| OPR-H | |
| OPR-L | |
| Opt Lane Stat Max Power | |
| Opt Lane Stat Min Power | |
| OPT-H | |
| OPT-L | |
| Out Broadcast Packets | |
| Out Discards | |
| Out Errors | |
| Out Multicast Packets | |
| Out Octets | |
| Out Unicast Packets | |
| Pool Usage | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|---------------------------|-------|
| Rx BBEP 1 Day Tr | |
| Rx BBEP 15 Min Rtr | |
| Rx BBEP 15 Min Tr | |
| Rx BER PostFEC | |
| Rx BER PostFEC 1 Day Tr | |
| Rx BER PostFEC 15 Min Rtr | |
| Rx BER PostFEC 15 Min Tr | |
| Rx BER PreFEC | |
| Rx BER PreFEC 1 Day Tr | |
| Rx BER PreFEC 15 Min Rtr | |
| Rx BER PreFEC 15 Min Tr | |
| Rx Broadcast Packets | |
| Rx Collisions | |
| Rx CRC Alignment Errors | |
| Rx CV | |
| Rx CV 1 Day Tr | |
| Rx CV 15 Min Tr | |
| Rx CVL | |
| Rx CVL 1 Day Tr | |
| Rx CVL 15 Min Rtr | |
| Rx CVL 15 Min Tr | |
| Rx CVS | |
| Rx CVS 1 Day Tr | |
| Rx CVS 15 Min Rtr | |
| Rx CVS 15 Min Tr | |
| Rx Drop Events | |
| Rx ES | |
| Rx ES 1 Day Tr | |
| Rx ES 15 Min Rtr | |
| Rx ES 15 Min Tr | |
| Rx ESL | |
| Rx ESL 1 Day Tr | |
| Rx ESL 15 Min Rtr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|----------------------|-------|
| Rx ESL 15 Min Tr | |
| Rx ESP 1 Day Tr | |
| Rx ESP 15 Min Rtr | |
| Rx ESP 15 Min Tr | |
| Rx ESS | |
| Rx ESS 1 Day Tr | |
| Rx ESS 15 Min Rtr | |
| Rx ESS 15 Min Tr | |
| Rx FCL | |
| Rx FCL 1 Day Tr | |
| Rx FCL 15 Min Rtr | |
| Rx FCL 15 Min Tr | |
| Rx FECVL | |
| Rx FECVL 1 Day Tr | |
| Rx FECVL 15 Min Rtr | |
| Rx FECVL 15 Min Tr | |
| Rx FEESL | |
| Rx FEESL 1 Day Tr | |
| Rx FEESL 15 Min Rtr | |
| Rx FEESL 15 Min Tr | |
| Rx FESESL | |
| Rx FESESL 1 Day Tr | |
| Rx FESESL 15 Min Rtr | |
| Rx FESESL 15 Min Tr | |
| Rx FEUASL | |
| Rx FEUASL 1 Day Tr | |
| Rx FEUASL 15 Min Rtr | |
| Rx FEUASL 15 Min Tr | |
| Rx Fragments | |
| Rx Jabbers | |
| Rx Jumbo Packets | |
| Rx MS FE EB | |
| Rx MS FE ES | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|-----------------------|-------|
| Rx MS FES ES | |
| Rx MS FEU AS | |
| Rx MSEB | |
| Rx MSEB 1 Day Tr | |
| Rx MSEB 15 Min Rtr | |
| Rx MSEB 15 Min Tr | |
| Rx MSES | |
| Rx MSES 1 Day Tr | |
| Rx MSES 15 Min Rtr | |
| Rx MSES 15 Min Tr | |
| Rx MSFEEB 1 Day Tr | |
| Rx MSFEEB 15 Min Rtr | |
| Rx MSFEEB 15 Min Tr | |
| Rx MSFEES 1 Day Tr | |
| Rx MSFEES 15 Min Rtr | |
| Rx MSFEES 15 Min Tr | |
| Rx MSFESES 1 Day Tr | |
| Rx MSFESES 15 Min Rtr | |
| Rx MSFESES 15 Min Tr | |
| Rx MSFEUAS 1 Day Tr | |
| Rx MSFEUAS 15 Min Rtr | |
| Rx MSFEUAS 15 Min Tr | |
| Rx MSSES | |
| Rx MSSES 1 Day Tr | |
| Rx MSSES 15 Min Rtr | |
| Rx MSSES 15 Min Tr | |
| Rx MSUAS | |
| Rx MSUAS 1 Day Tr | |
| Rx MSUAS 15 Min Rtr | |
| Rx MSUAS 15 Min Tr | |
| Rx Multicast Packets | |
| Rx Octets | |
| Rx Oversized Packets | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|-------------------------------------|-------|
| Rx Packet Error Ratio | |
| Rx Packet Error Ratio 1 Day Tr | |
| Rx Packet Error Ratio 15 Min Rtr | |
| Rx Packet Error Ratio 15 Min Tr | |
| Rx Packets | |
| Rx Packets Sized 1024 To 1518 Bytes | |
| Rx Packets Sized 128 To 255 Bytes | |
| Rx Packets Sized 256 To 511 Bytes | |
| Rx Packets Sized 512 To 1023 Bytes | |
| Rx Packets Sized 64 Bytes | |
| Rx Packets Sized 65 To 127 Bytes | |
| Rx PM BIP8 Error 1 Day Tr | |
| Rx PM BIP8 Error 15 Min Rtr | |
| Rx PM BIP8 Error 15 Min Tr | |
| Rx PM BIP8 Error Count | |
| Rx PM ES | |
| Rx PM ES 1 Day Tr | |
| Rx PM ES 15 Min Rtr | |
| Rx PM ES 15 Min Tr | |
| Rx PM FE BIP8 Error 1 Day Tr | |
| Rx PM FE BIP8 Error 15 Min Rtr | |
| Rx PM FE BIP8 Error 15 Min Tr | |
| Rx PM FE BIP8 Error Count | |
| Rx PM FE ES 1 Day Tr | |
| Rx PM FE ES 15 Min Rtr | |
| Rx PM FE ES 15 Min Tr | |
| Rx PM FE SES 1 Day Tr | |
| Rx PM FE SES 15 Min Rtr | |
| Rx PM FE SES 15 Min Tr | |
| Rx PM FE UAS | |
| Rx PM FE UAS 1 Day Tr | |
| Rx PM FE UAS 15 Min Rtr | |
| Rx PM FE UAS 15 Min Tr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|------------------------------|-------|
| Rx PM FEES | |
| Rx PM FES ES | |
| Rx PM SES | |
| Rx PM SES 1 Day Tr | |
| Rx PM SES 15 Min Tr | |
| Rx PM UAS | |
| Rx PM UAS 1 Day Tr | |
| Rx PM UAS 15 Min Rtr | |
| Rx PM UAS 15 Min Tr | |
| Rx PMS ES 15 Min Rtr | |
| Rx RS Corrected 1 Day Tr | |
| Rx RS Corrected 15 Min Rtr | |
| Rx RS Corrected 15 Min Tr | |
| Rx RS Corrected Count | |
| Rx RS Uncorrected 1 Day Tr | |
| Rx RS UnCorrected 15 Min Rtr | |
| Rx RS Uncorrected 15 Min Tr | |
| Rx RS Uncorrected Count | |
| Rx RSEB | |
| Rx RSEB 1 Day Tr | |
| Rx RSEB 15 Min Rtr | |
| Rx RSEB 15 Min Tr | |
| Rx RSES | |
| Rx RSES 1 Day Tr | |
| Rx RSES 15 Min Rtr | |
| Rx RSES 15 Min Tr | |
| Rx RSSES | |
| Rx RSSES 1 Day Tr | |
| Rx RSSES 15 Min Rtr | |
| Rx RSSES 15 Min Tr | |
| Rx RSUAS | |
| Rx RSUAS 1 Day Tr | |
| Rx RSUAS 15 Min Rtr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|-----------------------------|-------|
| Rx RSUAS 15 Min Tr | |
| Rx SEFS | |
| Rx SEFS 1 Day Tr | |
| Rx SEFS 15 Min Rtr | |
| Rx SEFS 15 Min Tr | |
| Rx SEFSS | |
| Rx SEFSS 1 Day Tr | |
| Rx SEFSS 15 Min Rtr | |
| Rx SEFSS 15 Min Tr | |
| Rx SES | |
| Rx SES 1 Day Tr | |
| Rx SES 15 Min Rtr | |
| Rx SES 15 Min Tr | |
| Rx SESL | |
| Rx SESL 1 Day Tr | |
| Rx SESL 15 Min Rtr | |
| Rx SESL 15 Min Tr | |
| Rx SESP 1 Day Tr | |
| Rx SESP 15 Min Rtr | |
| Rx SESP 15 Min Tr | |
| Rx SESS | |
| Rx SESS 1 Day Tr | |
| Rx SESS 15 Min Rtr | |
| Rx SESS 15 Min Tr | |
| Rx SM BIA ES Error Count | |
| Rx SM BIAES 1 Day Tr | |
| Rx SM BIAES 15 Min Rtr | |
| Rx SM BIAES 15 Min Tr | |
| Rx SM BIP8 Error 1 Day Tr | |
| Rx SM BIP8 Error 15 Min Rtr | |
| Rx SM BIP8 Error 15 Min Tr | |
| Rx SM BIP8 Error Count | |
| Rx SM ES | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|--------------------------------|-------|
| Rx SM ES 1 Day Tr | |
| Rx SM ES 15 Min Rtr | |
| Rx SM ES 15 Min Tr | |
| Rx SM FE BIP8 Error 1 Day Tr | |
| Rx SM FE BIP8 Error 15 Min Rtr | |
| Rx SM FE BIP8 Error 15 Min Tr | |
| Rx SM FE BIP8 Error Count | |
| Rx SM FE ES 1 Day Tr | |
| Rx SM FE ES 15 Min Rtr | |
| Rx SM FE ES 15 Min Tr | |
| Rx SM FE SES 1 Day Tr | |
| Rx SM FE SES 15 Min Rtr | |
| Rx SM FE SES 15 Min Tr | |
| Rx SM FE UAS | |
| Rx SM FE UAS 1 Day Tr | |
| Rx SM FE UAS 15 Min Rtr | |
| Rx SM FE UAS 15 Min Tr | |
| Rx SM FEES | |
| Rx SM FES ES | |
| Rx SM IAES 1 Day Tr | |
| Rx SM IAES 15 Min Rtr | |
| Rx SM IAES 15 Min Tr | |
| Rx SM IAES Error Count | |
| Rx SM SES | |
| Rx SM SES 1 Day Tr | |
| Rx SM SES 15 Min Tr | |
| Rx SM UAS | |
| Rx SM UAS 1 Day Tr | |
| Rx SM UAS 15 Min Rtr | |
| Rx SM UAS 15 Min Tr | |
| Rx SMS ES 15 Min Rtr | |
| Rx UASL | |
| Rx UASL 1 Day Tr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|--|-------|
| Rx UASL 15 Min Rtr | |
| Rx UASL 15 Min Tr | |
| Rx UASP 1 Day Tr | |
| Rx UASP 15 Min Rtr | |
| Rx UASP 15 Min Tr | |
| Rx UASS | |
| Rx UASS 1 Day Tr | |
| Rx UASS 15 Min Rtr | |
| Rx UASS 15 Min Tr | |
| Rx Undersized Packets | |
| SEF-S | |
| SEFS-S | |
| SES-ODU | |
| SES-OTU | |
| SES-RS | |
| SES-S | |
| SES-TCM | |
| tnDw64BitStatsOdu1RxPMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOdu1RxPMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOdu1RxPMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOdu2RxPMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOdu2RxPMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOdu2RxPMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOdu3RxPMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOdu3RxPMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOdu3RxPMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOdu4RxPMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOdu4RxPMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOdu4RxPMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOtu1RxRSCorrCnt15MinRtr | |
| tnDw64BitStatsOtu1RxRSCorrCnt15MinTr | |
| tnDw64BitStatsOtu1RxRSCorrCnt1DayTr | |
| tnDw64BitStatsOtu1RxRSUncorrCnt15MinRtr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|--|-------|
| tnDw64BitStatsOtu1RxRSUncorrCnt15MinTr | |
| tnDw64BitStatsOtu1RxRSUncorrCnt1DayTr | |
| tnDw64BitStatsOtu1RxSMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOtu1RxSMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOtu1RxSMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOtu2RxRSCorrCnt15MinRtr | |
| tnDw64BitStatsOtu2RxRSCorrCnt15MinTr | |
| tnDw64BitStatsOtu2RxRSCorrCnt1DayTr | |
| tnDw64BitStatsOtu2RxRSUncorrCnt15MinRtr | |
| tnDw64BitStatsOtu2RxRSUncorrCnt15MinTr | |
| tnDw64BitStatsOtu2RxRSUncorrCnt1DayTr | |
| tnDw64BitStatsOtu2RxSMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOtu2RxSMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOtu2RxSMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOtu3RxRSCorrCnt15MinRtr | |
| tnDw64BitStatsOtu3RxRSCorrCnt15MinTr | |
| tnDw64BitStatsOtu3RxRSCorrCnt1DayTr | |
| tnDw64BitStatsOtu3RxRSUncorrCnt15MinRtr | |
| tnDw64BitStatsOtu3RxRSUncorrCnt15MinTr | |
| tnDw64BitStatsOtu3RxRSUncorrCnt1DayTr | |
| tnDw64BitStatsOtu3RxSMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOtu3RxSMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOtu3RxSMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOtu4RxRSCorrCnt15MinRtr | |
| tnDw64BitStatsOtu4RxRSCorrCnt15MinTr | |
| tnDw64BitStatsOtu4RxRSCorrCnt1DayTr | |
| tnDw64BitStatsOtu4RxRSUncorrCnt15MinRtr | |
| tnDw64BitStatsOtu4RxRSUncorrCnt15MinTr | |
| tnDw64BitStatsOtu4RxRSUncorrCnt1DayTr | |
| tnDw64BitStatsOtu4RxSMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOtu4RxSMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOtu4RxSMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsRxPMES15MinRtr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|---------------------------------------|-------|
| tnDw64BitStatsRxPMES15MinTr | |
| tnDw64BitStatsRxPMES1DayTr | |
| tnDw64BitStatsRxPMSES15MinRtr | |
| tnDw64BitStatsRxPMSES15MinTr | |
| tnDw64BitStatsRxPMSES1DayTr | |
| tnDw64BitStatsRxPMUAS15MinRtr | |
| tnDw64BitStatsRxPMUAS15MinTr | |
| tnDw64BitStatsRxPMUAS1DayTr | |
| tnDw64BitStatsRxSMES15MinRtr | |
| tnDw64BitStatsRxSMES15MinTr | |
| tnDw64BitStatsRxSMES1DayTr | |
| tnDw64BitStatsRxSMSES15MinRtr | |
| tnDw64BitStatsRxSMSES15MinTr | |
| tnDw64BitStatsRxSMSES1DayTr | |
| tnDw64BitStatsRxSMUAS15MinRtr | |
| tnDw64BitStatsRxSMUAS15MinTr | |
| tnDw64BitStatsRxSMUAS1DayTr | |
| tnDwStatsOdu1RxPMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOdu1RxPMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOdu1RxPMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOdu2RxPMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOdu2RxPMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOdu2RxPMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOdu3RxPMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOdu3RxPMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOdu3RxPMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOdu4RxPMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOdu4RxPMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOdu4RxPMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOtu1RxSMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOtu1RxSMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOtu1RxSMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOtu2RxSMFEBIP8ErrCnt15MinRtr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|---------------------------------------|-------|
| tnDwStatsOtu2RxSMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOtu2RxSMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOtu3RxSMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOtu3RxSMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOtu3RxSMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOtu4RxSMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOtu4RxSMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOtu4RxSMFEBIP8ErrCnt1DayTr | |
| tnDwStatsRxBERPostFEC15MinRtr | |
| tnDwStatsRxBERPostFEC15MinTr | |
| tnDwStatsRxBERPostFEC1DayTr | |
| tnDwStatsRxBERPreFEC15MinRtr | |
| tnDwStatsRxBERPreFEC15MinTr | |
| tnDwStatsRxBERPreFEC1DayTr | |
| tnDwStatsRxPMFEES15MinRtr | |
| tnDwStatsRxPMFEES15MinTr | |
| tnDwStatsRxPMFEES1DayTr | |
| tnDwStatsRxPMFESES15MinRtr | |
| tnDwStatsRxPMFESES15MinTr | |
| tnDwStatsRxPMFESES1DayTr | |
| tnDwStatsRxPMFEUAS15MinRtr | |
| tnDwStatsRxPMFEUAS15MinTr | |
| tnDwStatsRxPMFEUAS1DayTr | |
| tnDwStatsRxSMBIAES15MinRtr | |
| tnDwStatsRxSMBIAES15MinTr | |
| tnDwStatsRxSMBIAES1DayTr | |
| tnDwStatsRxSMFEES15MinRtr | |
| tnDwStatsRxSMFEES15MinTr | |
| tnDwStatsRxSMFEES1DayTr | |
| tnDwStatsRxSMFESES15MinRt | |
| tnDwStatsRxSMFESES15MinTr | |
| tnDwStatsRxSMFESES1DayTr | |
| tnDwStatsRxSMFEUAS15MinRtr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|--|-------|
| tnDwStatsRxSMFEUAS15MinTr | |
| tnDwStatsRxSMFEUAS1DayTr | |
| tnDwStatsRxSMIAES15MinRtr | |
| tnDwStatsRxSMIAES15MinTr | |
| tnDwStatsRxSMIAES1DayTr | |
| tnEncryptRxFailToDecryptCnt15MinRtr | |
| tnEncryptRxFailToDecryptCnt15MinTr | |
| tnEncryptRxFailToDecryptCnt1DayRtr | |
| tnEncryptRxFailToDecryptCnt1DayTr | |
| tnEthCfmTWDmStatsFarEndFrameDelayAverage | |
| tnEthCfmTWDmStatsFarEndFrameDelayMax | |
| tnEthCfmTWDmStatsFarEndFrameDelayVariationAverage | |
| tnEthCfmTWDmStatsFarEndFrameDelayVariationMax | |
| tnEthCfmTWDmStatsNearEndFrameDelayAverage | |
| tnEthCfmTWDmStatsNearEndFrameDelayMax | |
| tnEthCfmTWDmStatsNearEndFrameDelayVariationAverage | |
| tnEthCfmTWDmStatsNearEndFrameDelayVariationMax | |
| tnEthCfmTWDmStatsRoundTripFrameDelayAverage | |
| tnEthCfmTWDmStatsRoundTripFrameDelayMax | |
| tnEthCfmTWLmStatsFarEndFrameLossRatioAverage | |
| tnEthCfmTWLmStatsFarEndHighLoss | |
| tnEthCfmTWLmStatsNearEndFrameLossRatioAverage | |
| tnEthCfmTWLmStatsNearEndHighLoss | |
| tnEthCfmTWSlmStatsFarEndFrameLossRatioAverage | |
| tnEthCfmTWSlmStatsFarEndFrameLossRatioMax | |
| tnEthCfmTWSlmStatsFarEndHighLoss | |
| tnEthCfmTWSlmStatsNearEndFrameLossRatioAverage | |
| tnEthCfmTWSlmStatsNearEndFrameLossRatioMax | |
| tnEthCfmTWSlmStatsNearEndHighLoss | |
| tnEthPortEgrQueueStatsInProfileOctetsDropped | |
| tnEthPortEgrQueueStatsInProfilePktsDropped | |
| tnEthPortEtherStatsHighCapacityOctets | |
| tnEthPortEtherStatsHighCapacityPkts | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|-------------------------------------|-------|
| tnEthPortStatsIfInDiscards | |
| tnEthPortStatsIfInErrors | |
| tnEthPortStatsIfInOctets | |
| tnEthPortStatsIfInPkts | |
| tnEthPortStatsIfOutDiscards | |
| tnEthPortStatsIfOutErrors | |
| tnEthPortStatsIfOutOctets | |
| tnEthPortStatsIfOutPkts | |
| tnOthOdu0StatRxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu0StatRxFeBIP8ErrCnt15MinTr | |
| tnOthOdu0StatRxFeBIP8ErrCnt1DayTr | |
| tnOthOdu0StatRxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu0StatRxNeBIP8ErrCnt15MinTr | |
| tnOthOdu0StatRxNeBIP8ErrCnt1DayTr | |
| tnOthOdu0StatTxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu0StatTxFeBIP8ErrCnt15MinTr | |
| tnOthOdu0StatTxFeBIP8ErrCnt1DayTr | |
| tnOthOdu0StatTxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu0StatTxNeBIP8ErrCnt15MinTr | |
| tnOthOdu0StatTxNeBIP8ErrCnt1DayTr | |
| tnOthOdu1StatRxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu1StatRxFeBIP8ErrCnt15MinTr | |
| tnOthOdu1StatRxFeBIP8ErrCnt1DayTr | |
| tnOthOdu1StatRxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu1StatRxNeBIP8ErrCnt15MinTr | |
| tnOthOdu1StatRxNeBIP8ErrCnt1DayTr | |
| tnOthOdu1StatTxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu1StatTxFeBIP8ErrCnt15MinTr | |
| tnOthOdu1StatTxFeBIP8ErrCnt1DayTr | |
| tnOthOdu1StatTxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu1StatTxNeBIP8ErrCnt15MinTr | |
| tnOthOdu1StatTxNeBIP8ErrCnt1DayTr | |
| tnOthOdu2StatRxFeBIP8ErrCnt15MinRtr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|-------------------------------------|-------|
| tnOthOdu2StatRxFeBIP8ErrCnt15MinTr | |
| tnOthOdu2StatRxFeBIP8ErrCnt1DayTr | |
| tnOthOdu2StatRxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu2StatRxNeBIP8ErrCnt15MinTr | |
| tnOthOdu2StatRxNeBIP8ErrCnt1DayTr | |
| tnOthOdu2StatTxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu2StatTxFeBIP8ErrCnt15MinTr | |
| tnOthOdu2StatTxFeBIP8ErrCnt1DayTr | |
| tnOthOdu2StatTxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu2StatTxNeBIP8ErrCnt15MinTr | |
| tnOthOdu2StatTxNeBIP8ErrCnt1DayTr | |
| tnOthOdu3StatRxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu3StatRxFeBIP8ErrCnt15MinTr | |
| tnOthOdu3StatRxFeBIP8ErrCnt1DayTr | |
| tnOthOdu3StatRxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu3StatRxNeBIP8ErrCnt15MinTr | |
| tnOthOdu3StatRxNeBIP8ErrCnt1DayTr | |
| tnOthOdu3StatTxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu3StatTxFeBIP8ErrCnt15MinTr | |
| tnOthOdu3StatTxFeBIP8ErrCnt1DayTr | |
| tnOthOdu3StatTxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu3StatTxNeBIP8ErrCnt15MinTr | |
| tnOthOdu3StatTxNeBIP8ErrCnt1DayTr | |
| tnOthOdu4StatRxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu4StatRxFeBIP8ErrCnt15MinTr | |
| tnOthOdu4StatRxFeBIP8ErrCnt1DayTr | |
| tnOthOdu4StatRxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu4StatRxNeBIP8ErrCnt15MinTr | |
| tnOthOdu4StatRxNeBIP8ErrCnt1DayTr | |
| tnOthOdu4StatTxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu4StatTxFeBIP8ErrCnt15MinTr | |
| tnOthOdu4StatTxFeBIP8ErrCnt1DayTr | |
| tnOthOdu4StatTxNeBIP8ErrCnt15MinRtr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|------------------------------------|-------|
| tnOthOdu4StatTxNeBIP8ErrCnt15MinTr | |
| tnOthOdu4StatTxNeBIP8ErrCnt1DayTr | |
| tnOthOdukStatRxFeES15MinRtr | |
| tnOthOdukStatRxFeES15MinTr | |
| tnOthOdukStatRxFeES1DayTr | |
| tnOthOdukStatRxFeSES15MinRtr | |
| tnOthOdukStatRxFeSES15MinTr | |
| tnOthOdukStatRxFeSES1DayTr | |
| tnOthOdukStatRxFeUAS15MinRtr | |
| tnOthOdukStatRxFeUAS15MinTr | |
| tnOthOdukStatRxFeUAS1DayTr | |
| tnOthOdukStatRxNeES15MinRtr | |
| tnOthOdukStatRxNeES15MinTr | |
| tnOthOdukStatRxNeES1DayTr | |
| tnOthOdukStatRxNeSES15MinRtr | |
| tnOthOdukStatRxNeSES15MinTr | |
| tnOthOdukStatRxNeSES1DayTr | |
| tnOthOdukStatRxNeUAS15MinRtr | |
| tnOthOdukStatRxNeUAS15MinTr | |
| tnOthOdukStatRxNeUAS1DayTr | |
| tnOthOdukStatTxFeES15MinRtr | |
| tnOthOdukStatTxFeES15MinTr | |
| tnOthOdukStatTxFeES1DayTr | |
| tnOthOdukStatTxFeSES15MinRtr | |
| tnOthOdukStatTxFeSES15MinTr | |
| tnOthOdukStatTxFeSES1DayTr | |
| tnOthOdukStatTxFeUAS15MinRtr | |
| tnOthOdukStatTxFeUAS15MinTr | |
| tnOthOdukStatTxFeUAS1DayTr | |
| tnOthOdukStatTxNeES15MinRtr | |
| tnOthOdukStatTxNeES15MinTr | |
| tnOthOdukStatTxNeES1DayTr | |
| tnOthOdukStatTxNeSES15MinRtr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|---------------------------------------|-------|
| tnOthOdukStatTxNeSES15MinTr | |
| tnOthOdukStatTxNeSES1DayTr | |
| tnOthOdukStatTxNeUAS15MinRtr | |
| tnOthOdukStatTxNeUAS15MinTr | |
| tnOthOdukStatTxNeUAS1DayTr | |
| tnOthOtu1StatRxFeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu1StatRxFeSMBIP8ErrCnt15MinTr | |
| tnOthOtu1StatRxFeSMBIP8ErrCnt1DayTr | |
| tnOthOtu1StatRxNeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu1StatRxNeSMBIP8ErrCnt15MinTr | |
| tnOthOtu1StatRxNeSMBIP8ErrCnt1DayTr | |
| tnOthOtu1StatRxRsCorrCnt15MinRtr | |
| tnOthOtu1StatRxRsCorrCnt15MinTr | |
| tnOthOtu1StatRxRsCorrCnt1DayTr | |
| tnOthOtu1StatRxRsUncorrCnt15MinRtr | |
| tnOthOtu1StatRxRsUncorrCnt15MinTr | |
| tnOthOtu1StatRxRsUncorrCnt1DayTr | |
| tnOthOtu2StatRxFeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu2StatRxFeSMBIP8ErrCnt15MinTr | |
| tnOthOtu2StatRxFeSMBIP8ErrCnt1DayTr | |
| tnOthOtu2StatRxNeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu2StatRxNeSMBIP8ErrCnt15MinTr | |
| tnOthOtu2StatRxNeSMBIP8ErrCnt1DayTr | |
| tnOthOtu2StatRxRsCorrCnt15MinRtr | |
| tnOthOtu2StatRxRsCorrCnt15MinTr | |
| tnOthOtu2StatRxRsCorrCnt1DayTr | |
| tnOthOtu2StatRxRsUncorrCnt15MinRtr | |
| tnOthOtu2StatRxRsUncorrCnt15MinTr | |
| tnOthOtu2StatRxRsUncorrCnt1DayTr | |
| tnOthOtu3StatRxFeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu3StatRxFeSMBIP8ErrCnt15MinTr | |
| tnOthOtu3StatRxFeSMBIP8ErrCnt1DayTr | |
| tnOthOtu3StatRxNeSMBIP8ErrCnt15MinRtr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|---------------------------------------|-------|
| tnOthOtu3StatRxNeSMBIP8ErrCnt15MinTr | |
| tnOthOtu3StatRxNeSMBIP8ErrCnt1DayTr | |
| tnOthOtu3StatRxRsCorrCnt15MinRtr | |
| tnOthOtu3StatRxRsCorrCnt15MinTr | |
| tnOthOtu3StatRxRsCorrCnt1DayTr | |
| tnOthOtu3StatRxRsUncorrCnt15MinRtr | |
| tnOthOtu3StatRxRsUncorrCnt15MinTr | |
| tnOthOtu3StatRxRsUncorrCnt1DayTr | |
| tnOthOtu4StatRxFeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu4StatRxFeSMBIP8ErrCnt15MinTr | |
| tnOthOtu4StatRxFeSMBIP8ErrCnt1DayTr | |
| tnOthOtu4StatRxNeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu4StatRxNeSMBIP8ErrCnt15MinTr | |
| tnOthOtu4StatRxNeSMBIP8ErrCnt1DayTr | |
| tnOthOtu4StatRxRsCorrCnt15MinRtr | |
| tnOthOtu4StatRxRsCorrCnt15MinTr | |
| tnOthOtu4StatRxRsCorrCnt1DayTr | |
| tnOthOtu4StatRxRsUncorrCnt15MinRtr | |
| tnOthOtu4StatRxRsUncorrCnt15MinTr | |
| tnOthOtu4StatRxRsUncorrCnt1DayTr | |
| tnOthOtukStatRxBERPostFEC15MinRtr | |
| tnOthOtukStatRxBERPostFEC15MinTr | |
| tnOthOtukStatRxBERPostFEC1DayTr | |
| tnOthOtukStatRxBERPreFEC15MinRtr | |
| tnOthOtukStatRxBERPreFEC15MinTr | |
| tnOthOtukStatRxBERPreFEC1DayTr | |
| tnOthOtukStatRxFeIAES15MinRtr | |
| tnOthOtukStatRxFeIAES15MinTr | |
| tnOthOtukStatRxFeIAES1DayTr | |
| tnOthOtukStatRxFeSMES15MinRtr | |
| tnOthOtukStatRxFeSMES15MinTr | |
| tnOthOtukStatRxFeSMES1DayTr | |
| tnOthOtukStatRxFeSMSES15MinRtr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|--------------------------------|-------|
| tnOthOtukStatRxFeSMSES15MinTr | |
| tnOthOtukStatRxFeSMSES1DayTr | |
| tnOthOtukStatRxFeSMUAS15MinRtr | |
| tnOthOtukStatRxFeSMUAS15MinTr | |
| tnOthOtukStatRxFeSMUAS1DayTr | |
| tnOthOtukStatRxNeIAES15MinRtr | |
| tnOthOtukStatRxNeIAES15MinTr | |
| tnOthOtukStatRxNeIAES1DayTr | |
| tnOthOtukStatRxNeSMES15MinRtr | |
| tnOthOtukStatRxNeSMES15MinTr | |
| tnOthOtukStatRxNeSMES1DayTr | |
| tnOthOtukStatRxNeSMSES15MinRtr | |
| tnOthOtukStatRxNeSMSES15MinTr | |
| tnOthOtukStatRxNeSMSES1DayTr | |
| tnOthOtukStatRxNeSMUAS15MinRtr | |
| tnOthOtukStatRxNeSMUAS15MinTr | |
| tnOthOtukStatRxNeSMUAS1DayTr | |
| tnPcsStats100GBERxCV15MinRtr | |
| tnPcsStats100GBERxCV15MinTr | |
| tnPcsStats100GBERxCV1DayTr | |
| tnPcsStats100GBETxCV15MinRtr | |
| tnPcsStats100GBETxCV15MinTr | |
| tnPcsStats100GBETxCV1DayTr | |
| tnPcsStats10GBERxCV15MinRtr | |
| tnPcsStats10GBERxCV15MinTr | |
| tnPcsStats10GBERxCV1DayTr | |
| tnPcsStats10GBETxCV15MinRtr | |
| tnPcsStats10GBETxCV15MinTr | |
| tnPcsStats10GBETxCV1DayTr | |
| tnPcsStats10GFCRxCV15MinRtr | |
| tnPcsStats10GFCRxCV15MinTr | |
| tnPcsStats10GFCRxCV1DayTr | |
| tnPcsStats10GFCTxCV15MinRtr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|-----------------------------|-------|
| tnPcsStats10GFCTxCV15MinTr | |
| tnPcsStats10GFCTxCV1DayTr | |
| tnPcsStats16GFCRxCV15MinRtr | |
| tnPcsStats16GFCRxCV15MinTr | |
| tnPcsStats16GFCRxCV1DayTr | |
| tnPcsStats16GFCTxCV15MinRtr | |
| tnPcsStats16GFCTxCV15MinTr | |
| tnPcsStats16GFCTxCV1DayTr | |
| tnPcsStats2GFCRxCV15MinRtr | |
| tnPcsStats2GFCRxCV15MinTr | |
| tnPcsStats2GFCRxCV1DayTr | |
| tnPcsStats2GFCTxCV15MinRtr | |
| tnPcsStats2GFCTxCV15MinTr | |
| tnPcsStats2GFCTxCV1DayTr | |
| tnPcsStats40GBERxCV15MinRtr | |
| tnPcsStats40GBERxCV15MinTr | |
| tnPcsStats40GBERxCV1DayTr | |
| tnPcsStats40GBETxCV15MinRtr | |
| tnPcsStats40GBETxCV15MinTr | |
| tnPcsStats40GBETxCV1DayTr | |
| tnPcsStats4GFCRxCV15MinRtr | |
| tnPcsStats4GFCRxCV15MinTr | |
| tnPcsStats4GFCRxCV1DayTr | |
| tnPcsStats4GFCTxCV15MinRtr | |
| tnPcsStats4GFCTxCV15MinTr | |
| tnPcsStats4GFCTxCV1DayTr | |
| tnPcsStats8GFCRxCV15MinRtr | |
| tnPcsStats8GFCRxCV15MinTr | |
| tnPcsStats8GFCRxCV1DayTr | |
| tnPcsStats8GFCTxCV15MinRtr | |
| tnPcsStats8GFCTxCV15MinTr | |
| tnPcsStats8GFCTxCV1DayTr | |
| tnPcsStatsGBERxCV15MinRtr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|--------------------------------|-------|
| tnPcsStatsGBERxCV15MinTr | |
| tnPcsStatsGBERxCV1DayTr | |
| tnPcsStatsGBETxCV15MinRtr | |
| tnPcsStatsGBETxCV15MinTr | |
| tnPcsStatsGBETxCV1DayTr | |
| tnPcsStatsGFCRxCV15MinRtr | |
| tnPcsStatsGFCRxCV15MinTr | |
| tnPcsStatsGFCRxCV1DayTr | |
| tnPcsStatsGFCTxCV15MinRtr | |
| tnPcsStatsGFCTxCV15MinTr | |
| tnPcsStatsGFCTxCV1DayTr | |
| tnPcsStatsRtrRxES15MinRtr | |
| tnPcsStatsRtrRxSES15MinRtr | |
| tnPcsStatsRtrTxES15MinRtr | |
| tnPcsStatsRtrTxSES15MinRtr | |
| tnPcsStatsRxES15MinTr | |
| tnPcsStatsRxES1DayTr | |
| tnPcsStatsRxSEFS15MinRtr | |
| tnPcsStatsRxSEFS15MinTr | |
| tnPcsStatsRxSEFS1DayTr | |
| tnPcsStatsRxSES15MinTr | |
| tnPcsStatsRxSES1DayTr | |
| tnPcsStatsTxES15MinTr | |
| tnPcsStatsTxES1DayTr | |
| tnPcsStatsTxSEFS15MinRtr | |
| tnPcsStatsTxSEFS15MinTr | |
| tnPcsStatsTxSEFS1DayTr | |
| tnPcsStatsTxSES15MinTr | |
| tnPcsStatsTxSES1DayTr | |
| tnSapStatsIngressOctetsDropped | |
| tnSapStatsIngressPktsDropped | |
| tnSdhStatsRxMSES15MinRtr | |
| tnSdhStatsRxMSES15MinTr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|---------------------------------|-------|
| tnSdhStatsRxMSES1DayTr | |
| tnSdhStatsRxMSFEES15MinRtr | |
| tnSdhStatsRxMSFEES15MinTr | |
| tnSdhStatsRxMSFEES1DayTr | |
| tnSdhStatsRxMSFESES15MinRtr | |
| tnSdhStatsRxMSFESES15MinTr | |
| tnSdhStatsRxMSFESES1DayTr | |
| tnSdhStatsRxMSFEUAS15MinRtr | |
| tnSdhStatsRxMSFEUAS15MinTr | |
| tnSdhStatsRxMSFEUAS1DayTr | |
| tnSdhStatsRxMSES15MinRtr | |
| tnSdhStatsRxMSES15MinTr | |
| tnSdhStatsRxMSES1DayTr | |
| tnSdhStatsRxMSUAS15MinRtr | |
| tnSdhStatsRxMSUAS15MinTr | |
| tnSdhStatsRxMSUAS1DayTr | |
| tnSdhStatsRxRSES15MinRtr | |
| tnSdhStatsRxRSES15MinTr | |
| tnSdhStatsRxRSES1DayTr | |
| tnSdhStatsRxRSES15MinRtr | |
| tnSdhStatsRxRSES15MinTr | |
| tnSdhStatsRxRSES1DayTr | |
| tnSdhStatsRxRSUAS15MinRtr | |
| tnSdhStatsRxRSUAS15MinTr | |
| tnSdhStatsRxRSUAS1DayTr | |
| tnSdhStatsSTM16RxMSEB15MinRtr | |
| tnSdhStatsSTM16RxMSEB15MinTr | |
| tnSdhStatsSTM16RxMSEB1DayTr | |
| tnSdhStatsSTM16RxMSFEEB15MinRtr | |
| tnSdhStatsSTM16RxMSFEEB15MinTr | |
| tnSdhStatsSTM16RxMSFEEB1DayTr | |
| tnSdhStatsSTM16RxRSEB15MinRtr | |
| tnSdhStatsSTM16RxRSEB15MinTr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|----------------------------------|-------|
| tnSdhStatsSTM16RxRSEB1DayTr | |
| tnSdhStatsSTM16TxMSEB15MinRtr | |
| tnSdhStatsSTM16TxMSEB15MinTr | |
| tnSdhStatsSTM16TxMSEB1DayTr | |
| tnSdhStatsSTM16TxRSEB15MinRtr | |
| tnSdhStatsSTM16TxRSEB15MinTr | |
| tnSdhStatsSTM16TxRSEB1DayTr | |
| tnSdhStatsSTM1RxMSEB15MinRtr | |
| tnSdhStatsSTM1RxMSEB15MinTr | |
| tnSdhStatsSTM1RxMSEB1DayTr | |
| tnSdhStatsSTM1RxMSFEEB15MinRtr | |
| tnSdhStatsSTM1RxMSFEEB15MinTr | |
| tnSdhStatsSTM1RxMSFEEB1DayTr | |
| tnSdhStatsSTM1RxRSEB15MinRtr | |
| tnSdhStatsSTM1RxRSEB15MinTr | |
| tnSdhStatsSTM1RxRSEB1DayTr | |
| tnSdhStatsSTM1TxMSEB15MinRtr | |
| tnSdhStatsSTM1TxMSEB15MinTr | |
| tnSdhStatsSTM1TxMSEB1DayTr | |
| tnSdhStatsSTM1TxRSEB15MinRtr | |
| tnSdhStatsSTM1TxRSEB15MinTr | |
| tnSdhStatsSTM1TxRSEB1DayTr | |
| tnSdhStatsSTM256RxMSEB15MinRtr | |
| tnSdhStatsSTM256RxMSEB15MinTr | |
| tnSdhStatsSTM256RxMSEB1DayTr | |
| tnSdhStatsSTM256RxMSFEEB15MinRtr | |
| tnSdhStatsSTM256RxMSFEEB15MinTr | |
| tnSdhStatsSTM256RxMSFEEB1DayTr | |
| tnSdhStatsSTM256RxRSEB15MinRtr | |
| tnSdhStatsSTM256RxRSEB15MinTr | |
| tnSdhStatsSTM256RxRSEB1DayTr | |
| tnSdhStatsSTM256TxMSEB15MinRtr | |
| tnSdhStatsSTM256TxMSEB15MinTr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|---------------------------------|-------|
| tnSdhStatsSTM256TxMSEB1DayTr | |
| tnSdhStatsSTM256TxRSEB15MinRtr | |
| tnSdhStatsSTM256TxRSEB15MinTr | |
| tnSdhStatsSTM256TxRSEB1DayTr | |
| tnSdhStatsSTM4RxMSEB15MinRtr | |
| tnSdhStatsSTM4RxMSEB15MinTr | |
| tnSdhStatsSTM4RxMSEB1DayTr | |
| tnSdhStatsSTM4RxMSFEEB15MinRtr | |
| tnSdhStatsSTM4RxMSFEEB15MinTr | |
| tnSdhStatsSTM4RxMSFEEB1DayTr | |
| tnSdhStatsSTM4RxRSEB15MinRtr | |
| tnSdhStatsSTM4RxRSEB15MinTr | |
| tnSdhStatsSTM4RxRSEB1DayTr | |
| tnSdhStatsSTM4TxMSEB15MinRtr | |
| tnSdhStatsSTM4TxMSEB15MinTr | |
| tnSdhStatsSTM4TxMSEB1DayTr | |
| tnSdhStatsSTM4TxRSEB15MinRtr | |
| tnSdhStatsSTM4TxRSEB15MinTr | |
| tnSdhStatsSTM4TxRSEB1DayTr | |
| tnSdhStatsSTM64RxMSEB15MinRtr | |
| tnSdhStatsSTM64RxMSEB15MinTr | |
| tnSdhStatsSTM64RxMSEB1DayTr | |
| tnSdhStatsSTM64RxMSFEEB15MinRtr | |
| tnSdhStatsSTM64RxMSFEEB15MinTr | |
| tnSdhStatsSTM64RxMSFEEB1DayTr | |
| tnSdhStatsSTM64RxRSEB15MinRtr | |
| tnSdhStatsSTM64RxRSEB15MinTr | |
| tnSdhStatsSTM64RxRSEB1DayTr | |
| tnSdhStatsSTM64TxMSEB15MinRtr | |
| tnSdhStatsSTM64TxMSEB15MinTr | |
| tnSdhStatsSTM64TxMSEB1DayTr | |
| tnSdhStatsSTM64TxRSEB15MinRtr | |
| tnSdhStatsSTM64TxRSEB15MinTr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|--------------------------------|-------|
| tnSdhStatsSTM64TxRSEB1DayTr | |
| tnSdhStatsTxMSES15MinRtr | |
| tnSdhStatsTxMSES15MinTr | |
| tnSdhStatsTxMSES1DayTr | |
| tnSdhStatsTxMSES15MinRtr | |
| tnSdhStatsTxMSES15MinTr | |
| tnSdhStatsTxMSES1DayTr | |
| tnSdhStatsTxMSUAS15MinRtr | |
| tnSdhStatsTxMSUAS15MinTr | |
| tnSdhStatsTxMSUAS1DayTr | |
| tnSdhStatsTxRSES15MinRtr | |
| tnSdhStatsTxRSES15MinTr | |
| tnSdhStatsTxRSES1DayTr | |
| tnSdhStatsTxRSSES15MinRtr | |
| tnSdhStatsTxRSSES15MinTr | |
| tnSdhStatsTxRSSES1DayTr | |
| tnSdhStatsTxRSUAS15MinRtr | |
| tnSdhStatsTxRSUAS15MinTr | |
| tnSdhStatsTxRSUAS1DayTr | |
| tnSonetStatsOC12RxCVL15MinTr | |
| tnSonetStatsOC12RxCVL1DayTr | |
| tnSonetStatsOC12RxCVS15MinTr | |
| tnSonetStatsOC12RxCVS1DayTr | |
| tnSonetStatsOC12RxFECVL15MinTr | |
| tnSonetStatsOC12RxFECVL1DayTr | |
| tnSonetStatsOC12TxCVL15MinTr | |
| tnSonetStatsOC12TxCVL1DayTr | |
| tnSonetStatsOC12TxCVS15MinTr | |
| tnSonetStatsOC12TxCVS1DayTr | |
| tnSonetStatsOC192RxCVL15MinTr | |
| tnSonetStatsOC192RxCVL1DayTr | |
| tnSonetStatsOC192RxCVS15MinTr | |
| tnSonetStatsOC192RxCVS1DayTr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|---------------------------------|-------|
| tnSonetStatsOC192RxFECVL15MinTr | |
| tnSonetStatsOC192RxFECVL1DayTr | |
| tnSonetStatsOC192TxCVL15MinTr | |
| tnSonetStatsOC192TxCVL1DayTr | |
| tnSonetStatsOC192TxCVS15MinTr | |
| tnSonetStatsOC192TxCVS1DayTr | |
| tnSonetStatsOC3RxCVL15MinTr | |
| tnSonetStatsOC3RxCVL1DayTr | |
| tnSonetStatsOC3RxCVS15MinTr | |
| tnSonetStatsOC3RxCVS1DayTr | |
| tnSonetStatsOC3RxFECVL15MinTr | |
| tnSonetStatsOC3RxFECVL1DayTr | |
| tnSonetStatsOC3TxCVL15MinTr | |
| tnSonetStatsOC3TxCVL1DayTr | |
| tnSonetStatsOC3TxCVS15MinTr | |
| tnSonetStatsOC3TxCVS1DayTr | |
| tnSonetStatsOC48RxCVL15MinTr | |
| tnSonetStatsOC48RxCVL1DayTr | |
| tnSonetStatsOC48RxCVS15MinTr | |
| tnSonetStatsOC48RxCVS1DayTr | |
| tnSonetStatsOC48RxFECVL15MinTr | |
| tnSonetStatsOC48RxFECVL1DayTr | |
| tnSonetStatsOC48TxCVL15MinTr | |
| tnSonetStatsOC48TxCVL1DayTr | |
| tnSonetStatsOC48TxCVS15MinTr | |
| tnSonetStatsOC48TxCVS1DayTr | |
| tnSonetStatsOC768RxCVL15MinTr | |
| tnSonetStatsOC768RxCVL1DayTr | |
| tnSonetStatsOC768RxCVS15MinTr | |
| tnSonetStatsOC768RxCVS1DayTr | |
| tnSonetStatsOC768RxFECVL15MinTr | |
| tnSonetStatsOC768RxFECVL1DayTr | |
| tnSonetStatsOC768TxCVL15MinTr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|-------------------------------|-------|
| tnSonetStatsOC768TxCVL1DayTr | |
| tnSonetStatsOC768TxCVS15MinTr | |
| tnSonetStatsOC768TxCVS1DayTr | |
| tnSonetStatsRxESL15MinTr | |
| tnSonetStatsRxESL1DayTr | |
| tnSonetStatsRxESS15MinTr | |
| tnSonetStatsRxESS1DayTr | |
| tnSonetStatsRxFEESL15MinTr | |
| tnSonetStatsRxFEESL1DayTr | |
| tnSonetStatsRxFESESL15MinTr | |
| tnSonetStatsRxFESESL1DayTr | |
| tnSonetStatsRxFEUASL15MinTr | |
| tnSonetStatsRxFEUASL1DayTr | |
| tnSonetStatsRxSEFSS15MinTr | |
| tnSonetStatsRxSEFSS1DayTr | |
| tnSonetStatsRxSESL15MinTr | |
| tnSonetStatsRxSESL1DayTr | |
| tnSonetStatsRxSESS15MinTr | |
| tnSonetStatsRxSESS1DayTr | |
| tnSonetStatsRxUASL15MinTr | |
| tnSonetStatsRxUASL1DayTr | |
| tnSonetStatsRxUASS15MinTr | |
| tnSonetStatsRxUASS1DayTr | |
| tnSonetStatsTxESL15MinTr | |
| tnSonetStatsTxESL1DayTr | |
| tnSonetStatsTxESS15MinTr | |
| tnSonetStatsTxESS1DayTr | |
| tnSonetStatsTxSEFSS15MinTr | |
| tnSonetStatsTxSEFSS1DayTr | |
| tnSonetStatsTxSESL15MinTr | |
| tnSonetStatsTxSESL1DayTr | |
| tnSonetStatsTxSESS15MinTr | |
| tnSonetStatsTxSESS1DayTr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|---------------------------|-------|
| tnSonetStatsTxUASL15MinTr | |
| tnSonetStatsTxUASL1DayTr | |
| tnSonetStatsTxUASS15MinTr | |
| tnSonetStatsTxUASS1DayTr | |
| Tx BBEP 1 Day Tr | |
| Tx BBEP 15 Min Rtr | |
| Tx BBEP 15 Min Tr | |
| Tx Broadcast Packets | |
| Tx Collisions | |
| Tx CRC Alignment Errors | |
| Tx CV | |
| Tx CV 1 Day Tr | |
| Tx CV 15 Min Rtr | |
| Tx CV 15 Min Tr | |
| Tx CVL | |
| Tx CVL 1 Day Tr | |
| Tx CVL 15 Min Rtr | |
| Tx CVL 15 Min Tr | |
| Tx CVS | |
| Tx CVS 1 Day Tr | |
| Tx CVS 15 Min Rtr | |
| Tx CVS 15 Min Tr | |
| Tx Drop Events | |
| Tx ES | |
| Tx ES 1 Day Tr | |
| Tx ES 15 Min Rtr | |
| Tx ES 15 Min Tr | |
| Tx ESL | |
| Tx ESL 1 Day Tr | |
| Tx ESL 15 Min Rtr | |
| Tx ESL 15 Min Tr | |
| Tx ESP 1 Day Tr | |
| Tx ESP 15 Min Rtr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|--------------------------------|-------|
| Tx ESP 15 Min Tr | |
| Tx ESS | |
| Tx ESS 1 Day Tr | |
| Tx ESS 15 Min Rtr | |
| Tx ESS 15 Min Tr | |
| Tx FCL | |
| Tx FCL 1 Day Tr | |
| Tx FCL 15 Min Rtr | |
| Tx FCL 15 Min Tr | |
| Tx Fragments | |
| Tx Jabbers | |
| Tx Jumbo Packets | |
| Tx MSEB | |
| Tx MSEB 1 Day Tr | |
| Tx MSEB 15 Min Rtr | |
| Tx MSEB 15 Min Tr | |
| Tx MSES | |
| Tx MSES 1 Day Tr | |
| Tx MSES 15 Min Rtr | |
| Tx MSES 15 Min Tr | |
| Tx MSES | |
| Tx MSES 1 Day Tr | |
| Tx MSES 15 Min Rtr | |
| Tx MSES 15 Min Tr | |
| Tx MSUAS | |
| Tx MSUAS 1 Day Tr | |
| Tx MSUAS 15 Min Rtr | |
| Tx MSUAS 15 Min Tr | |
| Tx Multicast Packets | |
| Tx Octets | |
| Tx Oversized Packets | |
| Tx Packet Error Ratio | |
| Tx Packet Error Ratio 1 Day Tr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|-------------------------------------|-------|
| Tx Packet Error Ratio 15 Min Rtr | |
| Tx Packet Error Ratio 15 Min Tr | |
| Tx Packets | |
| Tx Packets Sized 1024 To 1518 Bytes | |
| Tx Packets Sized 128 To 255 Bytes | |
| Tx Packets Sized 256 To 511 Bytes | |
| Tx Packets Sized 512 To 1023 Bytes | |
| Tx Packets Sized 64 Bytes | |
| Tx Packets Sized 65 To 127 Bytes | |
| Tx RSEB | |
| Tx RSEB 1 Day Tr | |
| Tx RSEB 15 Min Rtr | |
| Tx RSEB 15 Min Tr | |
| Tx RSES | |
| Tx RSES 1 Day Tr | |
| Tx RSES 15 Min Rtr | |
| Tx RSES 15 Min Tr | |
| Tx RSSES | |
| Tx RSSES 1 Day Tr | |
| Tx RSSES 15 Min Rtr | |
| Tx RSSES 15 Min Tr | |
| Tx RSUAS | |
| Tx RSUAS 1 Day Tr | |
| Tx RSUAS 15 Min Rtr | |
| Tx RSUAS 15 Min Tr | |
| Tx SEFS | |
| Tx SEFS 1 Day Tr | |
| Tx SEFS 15 Min Rtr | |
| Tx SEFS 15 Min Tr | |
| Tx SEFSS | |
| Tx SEFSS 1 Day Tr | |
| Tx SEFSS 15 Min Rtr | |
| Tx SEFSS 15 Min Tr | |

Table 3-647 TCA Variable Name (continued)

| Name | Value |
|-----------------------|-------|
| Tx SES | |
| Tx SES 1 Day Tr | |
| Tx SES 15 Min Rtr | |
| Tx SES 15 Min Tr | |
| Tx SESL | |
| Tx SESL 1 Day Tr | |
| Tx SESL 15 Min Rtr | |
| Tx SESL 15 Min Tr | |
| Tx SESP 1 Day Tr | |
| Tx SESP 15 Min Rtr | |
| Tx SESP 15 Min Tr | |
| Tx SESS | |
| Tx SESS 1 Day Tr | |
| Tx SESS 15 Min Rtr | |
| Tx SESS 15 Min Tr | |
| Tx UASL | |
| Tx UASL 1 Day Tr | |
| Tx UASL 15 Min Rtr | |
| Tx UASL 15 Min Tr | |
| Tx UASP 1 Day Tr | |
| Tx UASP 15 Min Rtr | |
| Tx UASP 15 Min Tr | |
| Tx UASS | |
| Tx UASS 1 Day Tr | |
| Tx UASS 15 Min Rtr | |
| Tx UASS 15 Min Tr | |
| Tx Undersized Packets | |
| UAS-ODU | |
| UAS-OTU | |
| UAS-RS | |
| UAS-S | |
| UAS-TCM | |

Threshold Value
Table 3-648 Threshold Value

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Threshold Value |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | tcaValue |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

CFM Link Trace parameters

Accounting Files

Table 3-649 Accounting Files

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether this test uses SAA Accounting |
| Displayed name | Accounting Files |
| OSS name | accountingFiles |
| Read-only | no |
| Tab Panel | Results Configuration Accounting |
| Type | BOOL |

Administrative State

Table 3-650 Administrative State

| Name | Value |
|----------------|--|
| Default | yes:enabled |
| Description | The administrative state of the test. Disabled tests cannot be executed (even if it is a scheduled execution). |
| Displayed name | Administrative State |
| OSS name | administrativeState |

Table 3-650 Administrative State (continued)

| Name | Value |
|-------------|--------------------|
| Read-only | no |
| Tab Panel | General General |
| Type | sas.TestAdminState |

Aggregated With**Table 3-651 Aggregated With**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Specifies if/how the test is aggregated with others tests. |
| Displayed name | Aggregated With |
| OSS name | aggregatedWith |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | sas.AggregationType |

Continuous Execution**Table 3-652 Continuous Execution**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This value specifies whether or not the OAM NE Schedulable test is to be executed indefinitely. |
| Displayed name | Continuous Execution |
| OSS name | continuousExec |
| Read-only | no |
| Tab Panel | test_params execution_info |
| Type | BOOL |

Description
Table 3-653 Description

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The description of the test. Not interpreted by SAM. |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Forwarding Class**Table 3-654 Forwarding Class**

| Name | Value |
|----------------|--|
| Default | yes:nc |
| Description | <p>specifies the forwarding class to be used when launching the probe(s). The forwarding class name must be present in the index column of TIMETRA-QOS-MIB::tFCNameTable. This object is optional. As shown in the following table a) this object is applicable to a subset of the test types, and b) the default forwarding class depends on the test type.</p> <p>tmnxOamPingCtlTestMode Applicable? Default ----- 'cpePing' yes 'be' 'ethCfmLoopback' yes 'nc' 'ethCfmTwoWayDelay' yes 'nc' 'ethCfmTwoWaySlm' yes 'nc' 'icmpPing' yes 'nc' 'lspPing' yes 'be' 'macPing' yes 'be' 'p2mpLspPing' yes 'be' 'sdpPing' yes 'be' 'vccvPing' yes 'be' 'vprnPing' yes 'be' otherwise no N/A For 'ethCfmLoopback', 'ethCfmTwoWayDelay', and 'ethCfmTwoWaySlm', the forwarding class depends on whether the request is configured to egress on a network port or an access port. In the network port case, the forwarding class is the forwarding class of the pseudowire. In the access port case, the forwarding class is that of the SAP's egress encapsulation policy. For 'lspPing' this is the forwarding class of the LSP tunnel. For 'macPing' or 'sdpPing' this is the forwarding class of the SDP encapsulation. For 'p2mpLspPing' this is the forwarding class of the P2MP LSP tree. For 'vccvPing' this is the forwarding class of the pseudowire. If forwarding classes are mapped by the applicable QoS policy, the probe(s) may be launched using a different forwarding class than the forwarding class specified by this object.</p> |
| Displayed name | Forwarding Class |
| OSS name | forwardingClass |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | qos.FcEnum |

Forwarding Profile
Table 3-655 Forwarding Profile

| Name | Value |
|----------------|--|
| Default | yes:in |
| Description | The value of tmnxOamPingCtlProfile specifies the profile to be used with the forwarding class specified in tmnxOamPingCtlFcName. This object is optional. As shown in the following table a) this object is applicable to a subset of the test types, and b) the default profile value depends on the test type. tmnxOamPingCtlTestMode Applicable? Default ----- 'cpePing' yes 'out(2)' 'ethCfmLoopback' yes 'in(1)' 'ethCfmTwoWayDelay' yes 'in(1)' 'ethCfmTwoWaySlm' yes 'in(1)' 'icmpPing' no N/A 'lspPing' yes 'out(2)' 'macPing' yes 'out(2)' 'p2mpLspPing' yes 'out(2)' 'sdPping' yes 'out(2)' 'vccvPing' yes 'out(2)' 'vprnPing' yes 'out(2)' otherwise no N/A |
| Displayed name | Forwarding Profile |
| OSS name | profile |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | qos.Profile |

Global ID**Table 3-656 Global ID**

| Name | Value |
|----------------|--------------------------------------|
| Default | yes: |
| Description | The display global name of the test. |
| Displayed name | Global ID |
| Maximum | 252 |
| Minimum | 0 |
| OSS name | globalId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Global MEG**Table 3-657 Global MEG**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-657 Global MEG (continued)

| Name | Value |
|-----------------------|---|
| Description | The Global MEG to which this CFM test is associated with. |
| Displayed name | Global MEG |
| Mandatory on creation | yes |
| OSS name | globalMA |
| Read-only | no |
| Tab Panel | General meg_conf |
| Type | POINTER |

Global MEG**Table 3-658 Global MEG**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | The Global MEG to which this CFM test is associated with. |
| Displayed name | Global MEG |
| Mandatory on creation | yes |
| OSS name | globalMA |
| Read-only | no |
| Tab Panel | General mep_orig_info |
| Type | POINTER |

ID**Table 3-659 ID**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes:0 |
| Description | The identifier for the STM test. |
| Displayed name | ID |
| Mandatory on creation | yes |
| Maximum | 99999999 |
| Minimum | 1 |
| OSS name | id |
| Read-only | no |

Table 3-659 ID (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | LONG |

Last Generated**Table 3-660 Last Generated**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Date (time from January 1st, 1970) when this test was last generated. This attribute has value only when this test is bound to a Test Suite. |
| Displayed name | Last Generated |
| OSS name | lastGeneratedTime |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | DATE |

Maximum Failures**Table 3-661 Maximum Failures**

| Name | Value |
|----------------|--|
| Default | yes:5 |
| Description | The value of this property indicates the maximum number of consecutive timeouts allowed before terminating the Trace Route request. {p} A value of either 255 (maximum hop count/possible TTL value) or a 0 indicates that the function of terminating Trace Route request when a specific number of successive timeouts are detected is disabled. |
| Displayed name | Maximum Failures |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | maxFailures |
| Read-only | no |
| Tab Panel | Results Configuration general |
| Type | INT |

Name
Table 3-662 Name

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The display name of the test. Not interpreted by SAM. |
| Displayed name | Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

NE Schedulable**Table 3-663 NE Schedulable**

| Name | Value |
|-----------------------|---|
| Default | yes:false |
| Description | Used to make this test NE schedulable. An NE schedulable test is immediately installed onto the node, and may use the node's CRON feature to schedule its executions. |
| Displayed name | NE Schedulable |
| Mandatory on creation | yes |
| OSS name | neSchedulable |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Number of Test Packets**Table 3-664 Number of Test Packets**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:1 |
| Description | The number of probes to send. |
| Displayed name | Number of Test Packets |
| Maximum | 100 |

Table 3-664 Number of Test Packets (continued)

| Name | Value |
|-------------|--------------------------|
| Minimum | 1 |
| OSS name | packetsToSend |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | INT |

Originating MEP**Table 3-665 Originating MEP**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | The MEP element that is the origin of the CFM test. |
| Displayed name | Originating MEP |
| Mandatory on creation | yes |
| OSS name | originatingMep |
| Read-only | no |
| Tab Panel | General mep_orig_info |
| Type | POINTER |

Originating Tested Entity**Table 3-666 Originating Tested Entity**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Displays the service name of the tested entity |
| Displayed name | Originating Tested Entity |
| OSS name | testedEntityName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Packet Interval
Table 3-667 Packet Interval

| Name | Value |
|----------------|--|
| Default | yes:5 |
| Description | Specifies the number of seconds to wait before sending the next probe. |
| Displayed name | Packet Interval |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | packetInterval |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | INT |
| Units | seconds |

Packet Timeout**Table 3-668 Packet Timeout**

| Name | Value |
|----------------|---|
| Default | yes:5 |
| Description | Specifies the time-out-value, in seconds, to wait for an OAM Echo message reply. Upon expiration of the timeout period, the agent assumes that the message response will not be received. An appropriate error value is written to Probe Result Status for the timed out probe entry. Any response received after the timeout period has expired is silently discarded. |
| Displayed name | Packet Timeout |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | packetTimeout |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | INT |
| Units | seconds |

Probe History
Table 3-669 Probe History

| Name | Value |
|----------------|--|
| Default | yes:auto |
| Description | The value of probeHistory indicates whether or not per-probe history will be kept for this test. |
| Displayed name | Probe History |
| OSS name | probeHistory |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | sas.ProbeHistoryType |

SAA Accounting Policy**Table 3-670 SAA Accounting Policy**

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | SAA Accounting Policy |
| OSS name | accountingPolicyObjectPointer |
| Read-only | yes |
| Tab Panel | Results Configuration Accounting |
| Type | POINTER |

Target MAC Address**Table 3-671 Target MAC Address**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:00-00-00-00-00-00 |
| Description | Specifies the target MAC address. |
| Displayed name | Target MAC Address |
| OSS name | mepTargetMacAddr |
| Read-only | no |
| Tab Panel | General mepTarget_info |
| Type | MACADDR |

Test Definition
Table 3-672 Test Definition

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The pointer to the {{sas.TestDefinition}}, if any, that this test was created from. Only applicable when aggregatedWith is "testSuite". |
| Displayed name | Test Definition |
| OSS name | testDefinition |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Test Policy**Table 3-673 Test Policy**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The pointer to the {{sas.TestPolicyUsage}}, if any, that this test was created from. Only applicable when aggregatedWith is "testSuite". |
| Displayed name | Test Policy |
| OSS name | testPolicyUsage |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Test Result Storage**Table 3-674 Test Result Storage**

| Name | Value |
|----------------|---|
| Default | yes:logToDB |
| Description | This value specifies whether or not the OAM NE Schedulable test results are to be logged to a file, stored in the DB, or both |
| Displayed name | Test Result Storage |
| OSS name | testResultStorage |
| Read-only | no |
| Tab Panel | Results Configuration Accounting |

Table 3-674 Test Result Storage (continued)

| Name | Value |
|------|-----------------------|
| Type | TestResultStorageEnum |

Test Suite

Table 3-675 Test Suite

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The pointer to the {{sas.TestSuite}}, if any, that owns this test. Only applicable when aggregatedWith is "testSuite". |
| Displayed name | Test Suite |
| OSS name | testSuite |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Tested Entity

Table 3-676 Tested Entity

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The pointer to the {{sas.TestedEntity}}, if any, that is associated to this object. Only applicable when aggregatedWith is "testSuiteGenerated". |
| Displayed name | Tested Entity |
| OSS name | testSuiteTestedEntity |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Trap Generation

Table 3-677 Trap Generation

| Name | Value |
|---------|--------------------|
| Default | yes:testCompletion |

Table 3-677 Trap Generation (continued)

| Name | Value |
|----------------|---|
| Description | Specifies the notification(s) to send for a test run. Each bit enables the transmission of one notification, as follows. 'probeFailure(0)': send one tmnxOamPingProbeFailedV3 notification if at least M successive probes failed during the test run. M is configured using tmnxOamPingCtlTrapProbeFailureFilter. 'testFailure(1)': send one tmnxOamPingTestFailedV3 notification if at least N probes failed during the test run. N is configured using tmnxOamPingCtlTrapTestFailureFilter. 'testCompletion(2)': send one tmnxOamPingTestCompletedV3 notification when the test run is complete. |
| Displayed name | Trap Generation |
| OSS name | trapGenerationPolicy |
| Read-only | no |
| Tab Panel | Results Configuration general |
| Type | sas.TraceTrapGenerationPolicy |

TTL**Table 3-678 TTL**

| Name | Value |
|----------------|---|
| Default | yes:64 |
| Description | Specifies the maximum time-to-live value. |
| Displayed name | TTL |
| Maximum | 255 |
| Minimum | 1 |
| OSS name | maxTimeToLive |
| Read-only | no |
| Tab Panel | test_params test_packet |
| Type | INT |

TTL**Table 3-679 TTL**

| Name | Value |
|----------------|--|
| Default | yes:64 |
| Description | Specifies the TTL value used linktrace test. |
| Displayed name | TTL |
| Maximum | 255 |

Table 3-679 TTL (continued)

| Name | Value |
|-------------|-------------------|
| Minimum | 0 |
| OSS name | mepTransmitLtmTtl |
| Read-only | no |
| Tab Panel | General mep_info |
| Type | INT |

Weight**Table 3-680 Weight**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the relative load that execution of this test affects the server. |
| Displayed name | Weight |
| OSS name | weight |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

CFM LM Test parameters**Accounting Files****Table 3-681 Accounting Files**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether this test uses SAA Accounting |
| Displayed name | Accounting Files |
| OSS name | accountingFiles |
| Read-only | no |
| Tab Panel | Results Configuration Accounting |
| Type | BOOL |

Administrative State
Table 3-682 Administrative State

| Name | Value |
|----------------|--|
| Default | yes:enabled |
| Description | The administrative state of the test. Disabled tests cannot be executed (even if it is a scheduled execution). |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | sas.TestAdminState |

Aggregated With**Table 3-683 Aggregated With**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Specifies if/how the test is aggregated with others tests. |
| Displayed name | Aggregated With |
| OSS name | aggregatedWith |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | sas.AggregationType |

Card TCA Profile**Table 3-684 Card TCA Profile**

| Name | Value |
|----------------|-------------------------------|
| Default | yes: |
| Displayed name | Card TCA Profile |
| OSS name | cardStatsTCAProfilePointer |
| Read-only | no |
| Tab Panel | Results Configuration general |
| Type | POINTER |

Continuous Execution

Table 3-685 Continuous Execution

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This value specifies whether or not the OAM NE Schedulable test is to be executed indefinitely. |
| Displayed name | Continuous Execution |
| OSS name | continuousExec |
| Read-only | no |
| Tab Panel | test_params execution_info |
| Type | BOOL |

Description

Table 3-686 Description

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The description of the test. Not interpreted by SAM. |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Forwarding Class

Table 3-687 Forwarding Class

| Name | Value |
|---------|--------|
| Default | yes:nc |

Table 3-687 Forwarding Class (continued)

| Name | Value |
|----------------|--|
| Description | <p>specifies the forwarding class to be used when launching the probe(s). The forwarding class name must be present in the index column of TIMETRA-QOS-MIB::tFCNameTable. This object is optional. As shown in the following table a) this object is applicable to a subset of the test types, and b) the default forwarding class depends on the test type.</p> <p>tmnxOamPingCtlTestMode Applicable? Default ----- 'cpePing' yes 'be' 'ethCfmLoopback' yes 'nc' 'ethCfmTwoWayDelay' yes 'nc' 'ethCfmTwoWaySlm' yes 'nc' 'icmpPing' yes 'nc' 'lspPing' yes 'be' 'macPing' yes 'be' 'p2mpLspPing' yes 'be' 'sdpPing' yes 'be' 'vccvPing' yes 'be' 'vprnPing' yes 'be' otherwise no N/A For 'ethCfmLoopback', 'ethCfmTwoWayDelay', and 'ethCfmTwoWaySlm', the forwarding class depends on whether the request is configured to egress on a network port or an access port. In the network port case, the forwarding class is the forwarding class of the pseudowire. In the access port case, the forwarding class is that of the SAP's egress encapsulation policy. For 'lspPing' this is the forwarding class of the LSP tunnel. For 'macPing' or 'sdpPing' this is the forwarding class of the SDP encapsulation. For 'p2mpLspPing' this is the forwarding class of the P2MP LSP tree. For 'vccvPing' this is the forwarding class of the pseudowire. If forwarding classes are mapped by the applicable QoS policy, the probe(s) may be launched using a different forwarding class than the forwarding class specified by this object.</p> |
| Displayed name | Forwarding Class |
| OSS name | forwardingClass |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | qos.FcEnum |

Forwarding Profile

Table 3-688 Forwarding Profile

| Name | Value |
|----------------|---|
| Default | yes:in |
| Description | <p>The value of tmnxOamPingCtlProfile specifies the profile to be used with the forwarding class specified in tmnxOamPingCtlFcName. This object is optional. As shown in the following table a) this object is applicable to a subset of the test types, and b) the default profile value depends on the test type. tmnxOamPingCtlTestMode Applicable? Default ----- 'cpePing' yes 'out(2)' 'ethCfmLoopback' yes 'in(1)' 'ethCfmTwoWayDelay' yes 'in(1)' 'ethCfmTwoWaySlm' yes 'in(1)' 'icmpPing' no N/A 'lspPing' yes 'out(2)' 'macPing' yes 'out(2)' 'p2mpLspPing' yes 'out(2)' 'sdpPing' yes 'out(2)' 'vccvPing' yes 'out(2)' 'vprnPing' yes 'out(2)' otherwise no N/A</p> |
| Displayed name | Forwarding Profile |
| OSS name | profile |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | qos.Profile |

Global ID
Table 3-689 Global ID

| Name | Value |
|----------------|--------------------------------------|
| Default | yes: |
| Description | The display global name of the test. |
| Displayed name | Global ID |
| Maximum | 252 |
| Minimum | 0 |
| OSS name | globalId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Global MEG**Table 3-690 Global MEG**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | The Global MEG to which this CFM test is associated with. |
| Displayed name | Global MEG |
| Mandatory on creation | yes |
| OSS name | globalMA |
| Read-only | no |
| Tab Panel | General meg_conf |
| Type | POINTER |

Global MEG**Table 3-691 Global MEG**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | The Global MEG to which this CFM test is associated with. |
| Displayed name | Global MEG |
| Mandatory on creation | yes |
| OSS name | globalMA |

Table 3-691 Global MEG (continued)

| Name | Value |
|-------------|-----------------------|
| Read-only | no |
| Tab Panel | General mep_orig_info |
| Type | POINTER |

ID**Table 3-692 ID**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes:0 |
| Description | The identifier for the STM test. |
| Displayed name | ID |
| Mandatory on creation | yes |
| Maximum | 99999999 |
| Minimum | 1 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Interval**Table 3-693 Interval**

| Name | Value |
|--------------------------|--|
| Default | yes:1sec |
| Description | Specifies the delay, in seconds, between Synthetic Loss Measurement (SLM) messages for the two-way SLM test. |
| Displayed name | Interval |
| OSS name | twInterval |
| Read-only | no |
| Tab Panel | General mep_info |
| Type | LmIntervalReDef |
| Enumerated types: | |
| 1 min | |

Table 3-693 Interval (continued)

| Name | Value |
|--------|-------|
| 1 sec | |
| 10 min | |
| 10 sec | |
| 100 ms | |

Last Generated**Table 3-694 Last Generated**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Date (time from January 1st, 1970) when this test was last generated. This attribute has value only when this test is bound to a Test Suite. |
| Displayed name | Last Generated |
| OSS name | lastGeneratedTime |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | DATE |

Name**Table 3-695 Name**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The display name of the test. Not interpreted by SAM. |
| Displayed name | Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

NE Schedulable
Table 3-696 NE Schedulable

| Name | Value |
|-----------------------|---|
| Default | yes:false |
| Description | Used to make this test NE schedulable. An NE schedulable test is immediately installed onto the node, and may use the node's CRON feature to schedule its executions. |
| Displayed name | NE Schedulable |
| Mandatory on creation | yes |
| OSS name | neSchedulable |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Number of Test Packets**Table 3-697 Number of Test Packets**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:1 |
| Description | The number of probes to send. |
| Displayed name | Number of Test Packets |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | packetsToSend |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | INT |

Number of Test Packets**Table 3-698 Number of Test Packets**

| Name | Value |
|----------------|---|
| Default | yes:2 |
| Description | Specifies the number of Synthetic Loss Measurement (SLM) packets to send during the two-way SLM test. |
| Displayed name | Number of Test Packets |

Table 3-698 Number of Test Packets (continued)

| Name | Value |
|-------------|------------------|
| Maximum | 101 |
| Minimum | 2 |
| OSS name | twSendCount |
| Read-only | no |
| Tab Panel | General mep_info |
| Type | INT |

Originating MEP**Table 3-699 Originating MEP**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | The MEP element that is the origin of the CFM test. |
| Displayed name | Originating MEP |
| Mandatory on creation | yes |
| OSS name | originatingMep |
| Read-only | no |
| Tab Panel | General mep_orig_info |
| Type | POINTER |

Originating Tested Entity**Table 3-700 Originating Tested Entity**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Displays the service name of the tested entity |
| Displayed name | Originating Tested Entity |
| OSS name | testedEntityName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Packet Failure Threshold

Table 3-701 Packet Failure Threshold

| Name | Value |
|----------------|-------------------------------|
| Default | yes:1 |
| Displayed name | Packet Failure Threshold |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | packetFailureThreshold |
| Read-only | no |
| Tab Panel | Results Configuration general |
| Type | INT |

Packet Interval

Table 3-702 Packet Interval

| Name | Value |
|----------------|--|
| Default | yes:5 |
| Description | Specifies the number of seconds to wait before sending the next probe. |
| Displayed name | Packet Interval |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | packetInterval |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | INT |
| Units | seconds |

Packet Interval Units

Table 3-703 Packet Interval Units

| Name | Value |
|----------------|---|
| Default | yes:seconds |
| Description | Specifies the interval units for this test. |
| Displayed name | Packet Interval Units |
| OSS name | packetIntervalUnits |

Table 3-703 Packet Interval Units (continued)

| Name | Value |
|--------------------------|--------------------------|
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | PacketIntervalUnitsType |
| Enumerated types: | |
| Centiseconds | |
| Seconds | |

Priority**Table 3-704 Priority**

| Name | Value |
|----------------|--|
| Default | yes:7 |
| Description | Specifies the priority used in the generated test frame for the two-way Synthetic Loss Measurement (SLM) test. |
| Displayed name | Priority |
| Maximum | 7 |
| Minimum | 0 |
| OSS name | twPriority |
| Read-only | no |
| Tab Panel | General mep_info |
| Type | INT |

Probe History**Table 3-705 Probe History**

| Name | Value |
|----------------|--|
| Default | yes:auto |
| Description | The value of probeHistory indicates whether or not per-probe history will be kept for this test. |
| Displayed name | Probe History |
| OSS name | probeHistory |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | sas.ProbeHistoryType |

SAA Accounting Policy
Table 3-706 SAA Accounting Policy

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | SAA Accounting Policy |
| OSS name | accountingPolicyObjectPointer |
| Read-only | yes |
| Tab Panel | Results Configuration Accounting |
| Type | POINTER |

Size**Table 3-707 Size**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the the number of octets in the Value field of the Data TLV of the Ethernet CFM Loopback packet. If zero is specified, the packet has no Data TLV. |
| Displayed name | Size |
| Maximum | 1500 |
| Minimum | 0 |
| OSS name | packetSize |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | INT |
| Units | octets |

Target MAC Address**Table 3-708 Target MAC Address**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:00-00-00-00-00-00 |
| Description | Specifies the target MAC address. |
| Displayed name | Target MAC Address |
| OSS name | mepTargetMacAddr |
| Read-only | no |

Table 3-708 Target MAC Address (continued)

| Name | Value |
|-------------|------------------------|
| Tab Panel | General meptarget_info |
| Type | MACADDR |

Test Definition**Table 3-709 Test Definition**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The pointer to the {{sas.TestDefinition}}, if any, that this test was created from. Only applicable when aggregatedWith is "testSuite". |
| Displayed name | Test Definition |
| OSS name | testDefinition |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Test Failure Threshold**Table 3-710 Test Failure Threshold**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:1 |
| Displayed name | Test Failure Threshold |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | testFailureThreshold |
| Read-only | no |
| Tab Panel | Results Configuration general |
| Type | INT |

Test Policy
Table 3-711 Test Policy

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The pointer to the {{sas.TestPolicyUsage}}, if any, that this test was created from. Only applicable when aggregatedWith is "testSuite". |
| Displayed name | Test Policy |
| OSS name | testPolicyUsage |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Test Result Storage**Table 3-712 Test Result Storage**

| Name | Value |
|----------------|---|
| Default | yes:logToDB |
| Description | This value specifies whether or not the OAM NE Schedulable test results are to be logged to a file, stored in the DB, or both |
| Displayed name | Test Result Storage |
| OSS name | testResultStorage |
| Read-only | no |
| Tab Panel | Results Configuration Accounting |
| Type | TestResultStorageEnum |

Test Suite**Table 3-713 Test Suite**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The pointer to the {{sas.TestSuite}}, if any, that owns this test. Only applicable when aggregatedWith is "testSuite". |
| Displayed name | Test Suite |
| OSS name | testSuite |
| Read-only | yes |
| Tab Panel | test_suite general |

Table 3-713 Test Suite (continued)

| Name | Value |
|------|---------|
| Type | POINTER |

Tested Entity**Table 3-714 Tested Entity**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The pointer to the {{sas.TestedEntity}}, if any, that is associated to this object. Only applicable when aggregatedWith is "testSuiteGenerated". |
| Displayed name | Tested Entity |
| OSS name | testSuiteTestedEntity |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Trap Generation**Table 3-715 Trap Generation**

| Name | Value |
|----------------|---|
| Default | yes:testCompletion |
| Description | Specifies when the node sends traps while executing the test. |
| Displayed name | Trap Generation |
| OSS name | trapGenerationPolicy |
| Read-only | no |
| Tab Panel | Results Configuration general |
| Type | sas.PingTrapGenerationPolicy |

Weight**Table 3-716 Weight**

| Name | Value |
|-------------|---|
| Default | yes:0 |
| Description | Specifies the relative load that execution of this test affects the server. |

Table 3-716 Weight (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Weight |
| OSS name | weight |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

CFM Loopback parameters

Accounting Files

Table 3-717 Accounting Files

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether this test uses SAA Accounting |
| Displayed name | Accounting Files |
| OSS name | accountingFiles |
| Read-only | no |
| Tab Panel | Results Configuration Accounting |
| Type | BOOL |

Administrative State

Table 3-718 Administrative State

| Name | Value |
|----------------|--|
| Default | yes:enabled |
| Description | The administrative state of the test. Disabled tests cannot be executed (even if it is a scheduled execution). |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | sas.TestAdminState |

Aggregated With
Table 3-719 Aggregated With

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Specifies if/how the test is aggregated with others tests. |
| Displayed name | Aggregated With |
| OSS name | aggregatedWith |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | sas.AggregationType |

Continuous Execution**Table 3-720 Continuous Execution**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This value specifies whether or not the OAM NE Schedulable test is to be executed indefinitely. |
| Displayed name | Continuous Execution |
| OSS name | continuousExec |
| Read-only | no |
| Tab Panel | test_params execution_info |
| Type | BOOL |

Data Size**Table 3-721 Data Size**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the size of the loopback message. |
| Displayed name | Data Size |
| Maximum | 1500 |
| Minimum | 0 |
| OSS name | mepTransmitLbmDataTlv |
| Read-only | no |

Table 3-721 Data Size (continued)

| Name | Value |
|-------------|------------------|
| Tab Panel | General mep_info |
| Type | INT |

Data TLV Size or Padding**Table 3-722 Data TLV Size or Padding**

| Name | Value |
|--------------------------|--|
| Default | yes:size |
| Description | This non-deployed property exists in the model to distinguish whether to use the lbmPadding (tmnxDot1agCfmMepLbmPaddingSize) or mepTransmitLbmDataTlv (Dot1agCfmMepTransmitLbmDataTlv) property. |
| Displayed name | Data TLV Size or Padding |
| OSS name | lbmPadOrSize |
| Read-only | no |
| Tab Panel | General mep_info |
| Type | LbmPadOrSize |
| Enumerated types: | |
| Use Data Size | |
| Use LBM Padding | |

Description**Table 3-723 Description**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The description of the test. Not interpreted by SAM. |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Enable Target MEP ID
Table 3-724 Enable Target MEP ID

| Name | Value |
|----------------|------------------------|
| Default | yes:false |
| Displayed name | Enable Target MEP ID |
| OSS name | mepIdEnabled |
| Read-only | no |
| Tab Panel | General meptarget_info |
| Type | BOOL |

Forwarding Class**Table 3-725 Forwarding Class**

| Name | Value |
|----------------|--|
| Default | yes:nc |
| Description | <p>specifies the forwarding class to be used when launching the probe(s). The forwarding class name must be present in the index column of TIMETRA-QOS-MIB::tFCNameTable. This object is optional. As shown in the following table a) this object is applicable to a subset of the test types, and b) the default forwarding class depends on the test type.</p> <p>tmnxOamPingCtlTestMode Applicable? Default ----- 'cpePing' yes 'be' 'ethCfmLoopback' yes 'nc' 'ethCfmTwoWayDelay' yes 'nc' 'ethCfmTwoWaySlm' yes 'nc' 'icmpPing' yes 'nc' 'lspPing' yes 'be' 'macPing' yes 'be' 'p2mpLspPing' yes 'be' 'sdpPing' yes 'be' 'vccvPing' yes 'be' 'vprnPing' yes 'be' otherwise no N/A For 'ethCfmLoopback', 'ethCfmTwoWayDelay', and 'ethCfmTwoWaySlm', the forwarding class depends on whether the request is configured to egress on a network port or an access port. In the network port case, the forwarding class is the forwarding class of the pseudowire. In the access port case, the forwarding class is that of the SAP's egress encapsulation policy. For 'lspPing' this is the forwarding class of the LSP tunnel. For 'macPing' or 'sdpPing' this is the forwarding class of the SDP encapsulation. For 'p2mpLspPing' this is the forwarding class of the P2MP LSP tree. For 'vccvPing' this is the forwarding class of the pseudowire. If forwarding classes are mapped by the applicable QoS policy, the probe(s) may be launched using a different forwarding class than the forwarding class specified by this object.</p> |
| Displayed name | Forwarding Class |
| OSS name | forwardingClass |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | qos.FcEnum |

Forwarding Profile
Table 3-726 Forwarding Profile

| Name | Value |
|----------------|---|
| Default | yes:in |
| Description | The value of tmnxOamPingCtlProfile specifies the profile to be used with the forwarding class specified in tmnxOamPingCtlFcName. This object is optional. As shown in the following table a) this object is applicable to a subset of the test types, and b) the default profile value depends on the test type. tmnxOamPingCtlTestMode Applicable? Default ----- 'cpePing' yes 'out(2)' 'ethCfmLoopback' yes 'in(1)' 'ethCfmTwoWayDelay' yes 'in(1)' 'ethCfmTwoWaySlm' yes 'in(1)' 'icmpPing' no N/A 'lspPing' yes 'out(2)' 'macPing' yes 'out(2)' 'p2mpLspPing' yes 'out(2)' 'sdpPing' yes 'out(2)' 'vccvPing' yes 'out(2)' 'vprnPing' yes 'out(2)' otherwise no N/A |
| Displayed name | Forwarding Profile |
| OSS name | profile |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | qos.Profile |

Global ID**Table 3-727 Global ID**

| Name | Value |
|----------------|--------------------------------------|
| Default | yes: |
| Description | The display global name of the test. |
| Displayed name | Global ID |
| Maximum | 252 |
| Minimum | 0 |
| OSS name | globalId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Global MEG**Table 3-728 Global MEG**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-728 Global MEG (continued)

| Name | Value |
|-----------------------|---|
| Description | The Global MEG to which this CFM test is associated with. |
| Displayed name | Global MEG |
| Mandatory on creation | yes |
| OSS name | globalMA |
| Read-only | no |
| Tab Panel | General meg_conf |
| Type | POINTER |

Global MEG**Table 3-729 Global MEG**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | The Global MEG to which this CFM test is associated with. |
| Displayed name | Global MEG |
| Mandatory on creation | yes |
| OSS name | globalMA |
| Read-only | no |
| Tab Panel | General mep_orig_info |
| Type | POINTER |

ID**Table 3-730 ID**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes:0 |
| Description | The identifier for the STM test. |
| Displayed name | ID |
| Mandatory on creation | yes |
| Maximum | 99999999 |
| Minimum | 1 |
| OSS name | id |
| Read-only | no |

Table 3-730 ID (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | LONG |

Last Generated**Table 3-731 Last Generated**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Date (time from January 1st, 1970) when this test was last generated. This attribute has value only when this test is bound to a Test Suite. |
| Displayed name | Last Generated |
| OSS name | lastGeneratedTime |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | DATE |

LBM Interval**Table 3-732 LBM Interval**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The value of tmnxDot1agCfmMepTxLbmInterval specifies the duration, in deciseconds, between loopback PDU transmissions. A value of zero is only valid if there are 5 or fewer loopbacks in the test (as defined by dot1agCfmMepTransmitLbmMessages). |
| Displayed name | LBM Interval |
| Maximum | 600 |
| Minimum | 0 |
| OSS name | lbmInterval |
| Read-only | no |
| Tab Panel | General mep_info |
| Type | INT |
| Units | deciseconds |

LBM Padding Size
Table 3-733 LBM Padding Size

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The value of <code>tmnxDot1agCfmMepLbmPaddingSize</code> specifies the number of additional octets inserted into the LBM PDU for the Data TLV padding. If <code>tmnxDot1agCfmMepLbmPaddingSize</code> is set to zero (0), no Data TLV will be added to the LBM PDUs. Note that setting this value is mutually exclusive with setting <code>dot1agCfmMepTransmitLbmDataTlv</code> . |
| Displayed name | LBM Padding Size |
| Maximum | 9000 |
| Minimum | 0 |
| OSS name | lbmPadding |
| Read-only | no |
| Tab Panel | General mep_info |
| Type | INT |
| Units | octets |

LBM Timeout**Table 3-734 LBM Timeout**

| Name | Value |
|----------------|---|
| Default | yes:5 |
| Description | The value of <code>tmnxDot1agCfmMepTxLbmTimeout</code> specifies the duration, in seconds, a loopback PDU sent by the node is considered to be timed out. |
| Displayed name | LBM Timeout |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | lbmTimeout |
| Read-only | no |
| Tab Panel | General mep_info |
| Type | INT |
| Units | seconds |

Multicast**Table 3-735 Multicast**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Set to true for CFM Loopback multicast tests. |
| Displayed name | Multicast |
| OSS name | multicast |
| Read-only | no |
| Tab Panel | General meptarget_info |
| Type | BOOL |

Name**Table 3-736 Name**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The display name of the test. Not interpreted by SAM. |
| Displayed name | Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

NE Schedulable**Table 3-737 NE Schedulable**

| Name | Value |
|-----------------------|---|
| Default | yes:false |
| Description | Used to make this test NE schedulable. An NE schedulable test is immediately installed onto the node, and may use the node's CRON feature to schedule its executions. |
| Displayed name | NE Schedulable |
| Mandatory on creation | yes |
| OSS name | neSchedulable |

Table 3-737 NE Schedulable (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Number of Test Packets**Table 3-738 Number of Test Packets**

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | Specifies the number of loopback messages to be transmitted. |
| Displayed name | Number of Test Packets |
| Maximum | 5 |
| Minimum | 1 |
| OSS name | mepTransmitLbmMessages |
| Read-only | no |
| Tab Panel | General mep_info |
| Type | INT |

Number of Test Packets**Table 3-739 Number of Test Packets**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:1 |
| Description | The number of probes to send. |
| Displayed name | Number of Test Packets |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | packetsToSend |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | INT |

Originating MEP
Table 3-740 Originating MEP

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | The MEP element that is the origin of the CFM test. |
| Displayed name | Originating MEP |
| Mandatory on creation | yes |
| OSS name | originatingMep |
| Read-only | no |
| Tab Panel | General mep_orig_info |
| Type | POINTER |

Originating Tested Entity**Table 3-741 Originating Tested Entity**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Displays the service name of the tested entity |
| Displayed name | Originating Tested Entity |
| OSS name | testedEntityName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Packet Failure Threshold**Table 3-742 Packet Failure Threshold**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:1 |
| Displayed name | Packet Failure Threshold |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | packetFailureThreshold |
| Read-only | no |
| Tab Panel | Results Configuration general |

Table 3-742 Packet Failure Threshold (continued)

| Name | Value |
|------|-------|
| Type | INT |

Packet Interval

Table 3-743 Packet Interval

| Name | Value |
|----------------|--|
| Default | yes:5 |
| Description | Specifies the number of seconds to wait before sending the next probe. |
| Displayed name | Packet Interval |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | packetInterval |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | INT |
| Units | seconds |

Packet Timeout

Table 3-744 Packet Timeout

| Name | Value |
|----------------|---|
| Default | yes:5 |
| Description | Specifies the time-out-value, in seconds, to wait for an OAM Echo message reply. Upon expiration of the timeout period, the agent assumes that the message response will not be received. An appropriate error value is written to Probe Result Status for the timed out probe entry. Any response received after the timeout period has expired is silently discarded. |
| Displayed name | Packet Timeout |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | packetTimeout |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | INT |
| Units | seconds |

Probe History

Table 3-745 Probe History

| Name | Value |
|----------------|--|
| Default | yes:auto |
| Description | The value of probeHistory indicates whether or not per-probe history will be kept for this test. |
| Displayed name | Probe History |
| OSS name | probeHistory |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | sas.ProbeHistoryType |

SAA Accounting Policy

Table 3-746 SAA Accounting Policy

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | SAA Accounting Policy |
| OSS name | accountingPolicyObjectPointer |
| Read-only | yes |
| Tab Panel | Results Configuration Accounting |
| Type | POINTER |

Size

Table 3-747 Size

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the size of the OAM Echo message. This parameter is optional and is valid only if tmnxOamPingCtlTestMode has a value of 'sdpPing', 'macPing', 'lspPing', 'vprnPing', 'mfibPing', 'vccvPing', 'icmpPing', 'p2mpLspPing', 'ethCfmLoopback' or 'ethCfmTwoWaySlm'. The minimum, maximum, and default values for the tmnxOamPingCtlTestMode cases are: 'ethCfmLoopback' : 0, 1500, 0 'ethCfmTwoWaySlm': 0, 1500, 0 |
| Displayed name | Size |
| Maximum | 1500 |
| Minimum | 0 |
| OSS name | packetSize |

Table 3-747 Size (continued)

| Name | Value |
|-------------|--------------------------|
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | INT |
| Units | octets |

Target MAC Address**Table 3-748 Target MAC Address**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:00-00-00-00-00-00 |
| Description | Specifies the target MAC address. |
| Displayed name | Target MAC Address |
| OSS name | mepTargetMacAddr |
| Read-only | no |
| Tab Panel | General mepTarget_info |
| Type | MACADDR |

Target MEP ID**Table 3-749 Target MEP ID**

| Name | Value |
|----------------|------------------------------|
| Default | yes:0 |
| Description | Specifies the Target MEP ID. |
| Displayed name | Target MEP ID |
| Maximum | 8191 |
| Minimum | 1 |
| OSS name | mepTargetMepId |
| Read-only | no |
| Tab Panel | General mepTarget_info |
| Type | LONG |

Test Definition

Table 3-750 Test Definition

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The pointer to the {{sas.TestDefinition}}, if any, that this test was created from. Only applicable when aggregatedWith is "testSuite". |
| Displayed name | Test Definition |
| OSS name | testDefinition |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Test Failure Threshold

Table 3-751 Test Failure Threshold

| Name | Value |
|----------------|-------------------------------|
| Default | yes:1 |
| Displayed name | Test Failure Threshold |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | testFailureThreshold |
| Read-only | no |
| Tab Panel | Results Configuration general |
| Type | INT |

Test Interval

Table 3-752 Test Interval

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:10 |
| Description | Specifies the interval for this test. |
| Displayed name | Test Interval |
| Maximum | 1500 |
| Minimum | 10 |
| OSS name | testInterval |

Table 3-752 Test Interval (continued)

| Name | Value |
|-------------|--------------------------|
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | INT |
| Units | minutes |

Test Policy

Table 3-753 Test Policy

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The pointer to the {{sas.TestPolicyUsage}}, if any, that this test was created from. Only applicable when aggregatedWith is "testSuite". |
| Displayed name | Test Policy |
| OSS name | testPolicyUsage |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Test Result Storage

Table 3-754 Test Result Storage

| Name | Value |
|----------------|---|
| Default | yes:logToDB |
| Description | This value specifies whether or not the OAM NE Schedulable test results are to be logged to a file, stored in the DB, or both |
| Displayed name | Test Result Storage |
| OSS name | testResultStorage |
| Read-only | no |
| Tab Panel | Results Configuration Accounting |
| Type | TestResultStorageEnum |

Test Suite
Table 3-755 Test Suite

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The pointer to the {{sas.TestSuite}}, if any, that owns this test. Only applicable when aggregatedWith is "testSuite". |
| Displayed name | Test Suite |
| OSS name | testSuite |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Tested Entity**Table 3-756 Tested Entity**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The pointer to the {{sas.TestedEntity}}, if any, that is associated to this object. Only applicable when aggregatedWith is "testSuiteGenerated". |
| Displayed name | Tested Entity |
| OSS name | testSuiteTestedEntity |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Trap Generation**Table 3-757 Trap Generation**

| Name | Value |
|----------------|---|
| Default | yes:testCompletion |
| Description | Specifies when the node sends traps while executing the test. |
| Displayed name | Trap Generation |
| OSS name | trapGenerationPolicy |
| Read-only | no |
| Tab Panel | Results Configuration general |

Table 3-757 Trap Generation (continued)

| Name | Value |
|------|------------------------------|
| Type | sas.PingTrapGenerationPolicy |

VLAN Drop Enable**Table 3-758 VLAN Drop Enable**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Drop Enable bit value to be used in the VLAN tag, if present in the transmitted frame |
| Displayed name | VLAN Drop Enable |
| OSS name | mepTransmitLbmVlanDropEnable |
| Read-only | no |
| Tab Panel | General mep_info |
| Type | BOOL |

VLAN Priority**Table 3-759 VLAN Priority**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the priority of the loopback message. |
| Displayed name | VLAN Priority |
| Maximum | 7 |
| Minimum | 0 |
| OSS name | mepTransmitLbmVlanPriority |
| Read-only | no |
| Tab Panel | General mep_info |
| Type | INT |

Weight**Table 3-760 Weight**

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 3-760 Weight (continued)

| Name | Value |
|----------------|---|
| Description | Specifies the relative load that execution of this test affects the server. |
| Displayed name | Weight |
| OSS name | weight |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

CFM One Way Delay Test parameters

Administrative State

Table 3-761 Administrative State

| Name | Value |
|----------------|--|
| Default | yes:enabled |
| Description | The administrative state of the test. Disabled tests cannot be executed (even if it is a scheduled execution). |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | sas.TestAdminState |

Aggregated With

Table 3-762 Aggregated With

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Specifies if/how the test is aggregated with others tests. |
| Displayed name | Aggregated With |
| OSS name | aggregatedWith |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | sas.AggregationType |

Description
Table 3-763 Description

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The description of the test. Not interpreted by SAM. |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Global ID**Table 3-764 Global ID**

| Name | Value |
|----------------|--------------------------------------|
| Default | yes: |
| Description | The display global name of the test. |
| Displayed name | Global ID |
| Maximum | 252 |
| Minimum | 0 |
| OSS name | globalId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Global MEG**Table 3-765 Global MEG**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | The Global MEG to which this CFM test is associated with. |
| Displayed name | Global MEG |
| Mandatory on creation | yes |

Table 3-765 Global MEG (continued)

| Name | Value |
|-------------|------------------|
| OSS name | globalMA |
| Read-only | no |
| Tab Panel | General meg_conf |
| Type | POINTER |

Global MEG**Table 3-766 Global MEG**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | The Global MEG to which this CFM test is associated with. |
| Displayed name | Global MEG |
| Mandatory on creation | yes |
| OSS name | globalMA |
| Read-only | no |
| Tab Panel | General mep_orig_info |
| Type | POINTER |

ID**Table 3-767 ID**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes:0 |
| Description | The identifier for the STM test. |
| Displayed name | ID |
| Mandatory on creation | yes |
| Maximum | 99999999 |
| Minimum | 1 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Last Generated
Table 3-768 Last Generated

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Date (time from January 1st, 1970) when this test was last generated. This attribute has value only when this test is bound to a Test Suite. |
| Displayed name | Last Generated |
| OSS name | lastGeneratedTime |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | DATE |

Name**Table 3-769 Name**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The display name of the test. Not interpreted by SAM. |
| Displayed name | Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

NE Schedulable**Table 3-770 NE Schedulable**

| Name | Value |
|-----------------------|---|
| Default | yes:false |
| Description | Used to make this test NE schedulable. An NE schedulable test is immediately installed onto the node, and may use the node's CRON feature to schedule its executions. |
| Displayed name | NE Schedulable |
| Mandatory on creation | yes |

Table 3-770 NE Schedulable (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | neSchedulable |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Originating MEP**Table 3-771 Originating MEP**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | The MEP element that is the origin of the CFM test. |
| Displayed name | Originating MEP |
| Mandatory on creation | yes |
| OSS name | originatingMep |
| Read-only | no |
| Tab Panel | General mep_orig_info |
| Type | POINTER |

Originating Tested Entity**Table 3-772 Originating Tested Entity**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Displays the service name of the tested entity |
| Displayed name | Originating Tested Entity |
| OSS name | testedEntityName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Priority

Table 3-773 Priority

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:0 |
| Description | Specifies the one way delay priority. |
| Displayed name | Priority |
| Maximum | 7 |
| Minimum | 0 |
| OSS name | mepOneWayDelayPriority |
| Read-only | no |
| Tab Panel | General mep_info |
| Type | INT |

Probe History

Table 3-774 Probe History

| Name | Value |
|----------------|--|
| Default | yes:auto |
| Description | The value of probeHistory indicates whether or not per-probe history will be kept for this test. |
| Displayed name | Probe History |
| OSS name | probeHistory |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | sas.ProbeHistoryType |

Target MAC Address

Table 3-775 Target MAC Address

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:00-00-00-00-00-00 |
| Description | Specifies the target MAC address. |
| Displayed name | Target MAC Address |
| OSS name | mepTargetMacAddr |
| Read-only | no |

Table 3-775 Target MAC Address (continued)

| Name | Value |
|-------------|------------------------|
| Tab Panel | General meptarget_info |
| Type | MACADDR |

Test Definition**Table 3-776 Test Definition**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The pointer to the {{sas.TestDefinition}}, if any, that this test was created from. Only applicable when aggregatedWith is "testSuite". |
| Displayed name | Test Definition |
| OSS name | testDefinition |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Test Policy**Table 3-777 Test Policy**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The pointer to the {{sas.TestPolicyUsage}}, if any, that this test was created from. Only applicable when aggregatedWith is "testSuite". |
| Displayed name | Test Policy |
| OSS name | testPolicyUsage |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Test Suite**Table 3-778 Test Suite**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-778 Test Suite (continued)

| Name | Value |
|----------------|--|
| Description | The pointer to the {{sas.TestSuite}}, if any, that owns this test. Only applicable when aggregatedWith is "testSuite". |
| Displayed name | Test Suite |
| OSS name | testSuite |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Tested Entity**Table 3-779 Tested Entity**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The pointer to the {{sas.TestedEntity}}, if any, that is associated to this object. Only applicable when aggregatedWith is "testSuiteGenerated". |
| Displayed name | Tested Entity |
| OSS name | testSuiteTestedEntity |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Weight**Table 3-780 Weight**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the relative load that execution of this test affects the server. |
| Displayed name | Weight |
| OSS name | weight |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

CFM Two Way Delay Test parameters

Accounting Files

Table 3-781 Accounting Files

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether this test uses SAA Accounting |
| Displayed name | Accounting Files |
| OSS name | accountingFiles |
| Read-only | no |
| Tab Panel | Results Configuration Accounting |
| Type | BOOL |

Administrative State

Table 3-782 Administrative State

| Name | Value |
|----------------|--|
| Default | yes:enabled |
| Description | The administrative state of the test. Disabled tests cannot be executed (even if it is a scheduled execution). |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | sas.TestAdminState |

Aggregated With

Table 3-783 Aggregated With

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Specifies if/how the test is aggregated with others tests. |
| Displayed name | Aggregated With |
| OSS name | aggregatedWith |
| Read-only | yes |

Table 3-783 Aggregated With (continued)

| Name | Value |
|-------------|---------------------|
| Tab Panel | test_suite general |
| Type | sas.AggregationType |

Card TCA Profile**Table 3-784 Card TCA Profile**

| Name | Value |
|----------------|-------------------------------|
| Default | yes: |
| Displayed name | Card TCA Profile |
| OSS name | cardStatsTCAProfilePointer |
| Read-only | no |
| Tab Panel | Results Configuration general |
| Type | POINTER |

Continuous Execution**Table 3-785 Continuous Execution**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This value specifies whether or not the OAM NE Schedulable test is to be executed indefinitely. |
| Displayed name | Continuous Execution |
| OSS name | continuousExec |
| Read-only | no |
| Tab Panel | test_params execution_info |
| Type | BOOL |

Data Size**Table 3-786 Data Size**

| Name | Value |
|----------------|-----------|
| Default | yes:0 |
| Displayed name | Data Size |

Table 3-786 Data Size (continued)

| Name | Value |
|-------------|------------------|
| Maximum | 9542 |
| Minimum | 0 |
| OSS name | dataSize |
| Read-only | no |
| Tab Panel | General mep_info |
| Type | INT |
| Units | octets |

Description

Table 3-787 Description

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The description of the test. Not interpreted by SAM. |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Enable Target MEP ID

Table 3-788 Enable Target MEP ID

| Name | Value |
|----------------|------------------------|
| Default | yes:false |
| Displayed name | Enable Target MEP ID |
| OSS name | mepIdEnabled |
| Read-only | no |
| Tab Panel | General meptarget_info |
| Type | BOOL |

Forwarding Class
Table 3-789 Forwarding Class

| Name | Value |
|----------------|--|
| Default | yes:nc |
| Description | <p>specifies the forwarding class to be used when launching the probe(s). The forwarding class name must be present in the index column of TIMETRA-QOS-MIB::tFCNameTable. This object is optional. As shown in the following table a) this object is applicable to a subset of the test types, and b) the default forwarding class depends on the test type.</p> <p>tmnxOamPingCtlTestMode Applicable? Default ----- 'cpePing' yes 'be' 'ethCfmLoopback' yes 'nc' 'ethCfmTwoWayDelay' yes 'nc' 'ethCfmTwoWaySlm' yes 'nc' 'icmpPing' yes 'nc' 'lspPing' yes 'be' 'macPing' yes 'be' 'p2mpLspPing' yes 'be' 'sdpPing' yes 'be' 'vccvPing' yes 'be' 'vprnPing' yes 'be' otherwise no N/A For 'ethCfmLoopback', 'ethCfmTwoWayDelay', and 'ethCfmTwoWaySlm', the forwarding class depends on whether the request is configured to egress on a network port or an access port. In the network port case, the forwarding class is the forwarding class of the pseudowire. In the access port case, the forwarding class is that of the SAP's egress encapsulation policy. For 'lspPing' this is the forwarding class of the LSP tunnel. For 'macPing' or 'sdpPing' this is the forwarding class of the SDP encapsulation. For 'p2mpLspPing' this is the forwarding class of the P2MP LSP tree. For 'vccvPing' this is the forwarding class of the pseudowire. If forwarding classes are mapped by the applicable QoS policy, the probe(s) may be launched using a different forwarding class than the forwarding class specified by this object.</p> |
| Displayed name | Forwarding Class |
| OSS name | forwardingClass |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | qos.FcEnum |

Forwarding Profile**Table 3-790 Forwarding Profile**

| Name | Value |
|----------------|---|
| Default | yes:in |
| Description | <p>The value of tmnxOamPingCtlProfile specifies the profile to be used with the forwarding class specified in tmnxOamPingCtlFcName. This object is optional. As shown in the following table a) this object is applicable to a subset of the test types, and b) the default profile value depends on the test type. tmnxOamPingCtlTestMode Applicable? Default ----- 'cpePing' yes 'out(2)' 'ethCfmLoopback' yes 'in(1)' 'ethCfmTwoWayDelay' yes 'in(1)' 'ethCfmTwoWaySlm' yes 'in(1)' 'icmpPing' no N/A 'lspPing' yes 'out(2)' 'macPing' yes 'out(2)' 'p2mpLspPing' yes 'out(2)' 'sdpPing' yes 'out(2)' 'vccvPing' yes 'out(2)' 'vprnPing' yes 'out(2)' otherwise no N/A</p> |
| Displayed name | Forwarding Profile |
| OSS name | profile |
| Read-only | no |
| Tab Panel | test_params exec_details |

Table 3-790 Forwarding Profile (continued)

| Name | Value |
|------|-------------|
| Type | qos.Profile |

Global ID**Table 3-791 Global ID**

| Name | Value |
|----------------|--------------------------------------|
| Default | yes: |
| Description | The display global name of the test. |
| Displayed name | Global ID |
| Maximum | 252 |
| Minimum | 0 |
| OSS name | globalId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Global MEG**Table 3-792 Global MEG**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | The Global MEG to which this CFM test is associated with. |
| Displayed name | Global MEG |
| Mandatory on creation | yes |
| OSS name | globalMA |
| Read-only | no |
| Tab Panel | General meg_conf |
| Type | POINTER |

Global MEG
Table 3-793 Global MEG

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | The Global MEG to which this CFM test is associated with. |
| Displayed name | Global MEG |
| Mandatory on creation | yes |
| OSS name | globalMA |
| Read-only | no |
| Tab Panel | General mep_orig_info |
| Type | POINTER |

ID**Table 3-794 ID**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes:0 |
| Description | The identifier for the STM test. |
| Displayed name | ID |
| Mandatory on creation | yes |
| Maximum | 99999999 |
| Minimum | 1 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Last Generated**Table 3-795 Last Generated**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Date (time from January 1st, 1970) when this test was last generated. This attribute has value only when this test is bound to a Test Suite. |
| Displayed name | Last Generated |

Table 3-795 Last Generated (continued)

| Name | Value |
|-------------|--------------------|
| OSS name | lastGeneratedTime |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | DATE |

Name**Table 3-796 Name**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The display name of the test. Not interpreted by SAM. |
| Displayed name | Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

NE Schedulable**Table 3-797 NE Schedulable**

| Name | Value |
|-----------------------|---|
| Default | yes:false |
| Description | Used to make this test NE schedulable. An NE schedulable test is immediately installed onto the node, and may use the node's CRON feature to schedule its executions. |
| Displayed name | NE Schedulable |
| Mandatory on creation | yes |
| OSS name | neSchedulable |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Number of Test Packets
Table 3-798 Number of Test Packets

| Name | Value |
|----------------|-------------------------------|
| Default | yes:1 |
| Description | The number of probes to send. |
| Displayed name | Number of Test Packets |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | packetsToSend |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | INT |

Originating MEP**Table 3-799 Originating MEP**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | The MEP element that is the origin of the CFM test. |
| Displayed name | Originating MEP |
| Mandatory on creation | yes |
| OSS name | originatingMep |
| Read-only | no |
| Tab Panel | General mep_orig_info |
| Type | POINTER |

Originating Tested Entity**Table 3-800 Originating Tested Entity**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Displays the service name of the tested entity |
| Displayed name | Originating Tested Entity |
| OSS name | testedEntityName |
| Read-only | yes |

Table 3-800 Originating Tested Entity (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | STRING |

Packet Failure Threshold**Table 3-801 Packet Failure Threshold**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:1 |
| Displayed name | Packet Failure Threshold |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | packetFailureThreshold |
| Read-only | no |
| Tab Panel | Results Configuration general |
| Type | INT |

Packet Interval**Table 3-802 Packet Interval**

| Name | Value |
|----------------|--|
| Default | yes:5 |
| Description | Specifies the number of seconds to wait before sending the next probe. |
| Displayed name | Packet Interval |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | packetInterval |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | INT |
| Units | seconds |

Packet Interval Units
Table 3-803 Packet Interval Units

| Name | Value |
|--------------------------|--|
| Default | yes:seconds |
| Description | Specifies the units for tmnxOamPingCtlInterval. For example, if tmnxOamPingCtlIntervalUnits has the value 'centiseconds(2)', and tmnxOamPingCtlInterval has the value 10, the test's interval is 0.1 seconds. The supported combinations of tmnxOamPingCtlIntervalUnits, tmnxOamPingCtlInterval, tmnxOamPingCtlTestMode, and tmnxOamIcmpPingCtlRapid are specified in the tmnxOamPingCtlInterval DESCRIPTION clause. The interaction between this object and tmnxOamIcmpPingCtlRapid is specified in the tmnxOamIcmpPingCtlRapid DESCRIPTION clause. |
| Displayed name | Packet Interval Units |
| OSS name | packetIntervalUnits |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | PacketIntervalUnitsType |
| Enumerated types: | |
| | Centiseconds |
| | Seconds |

Packet Timeout**Table 3-804 Packet Timeout**

| Name | Value |
|----------------|---|
| Default | yes:5 |
| Description | Specifies the time-out-value, in seconds, to wait for an OAM Echo message reply. Upon expiration of the timeout period, the agent assumes that the message response will not be received. An appropriate error value is written to Probe Result Status for the timed out probe entry. Any response received after the timeout period has expired is silently discarded. |
| Displayed name | Packet Timeout |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | packetTimeout |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | INT |
| Units | seconds |

Probe History

Table 3-805 Probe History

| Name | Value |
|----------------|--|
| Default | yes:auto |
| Description | The value of probeHistory indicates whether or not per-probe history will be kept for this test. |
| Displayed name | Probe History |
| OSS name | probeHistory |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | sas.ProbeHistoryType |

SAA Accounting Policy

Table 3-806 SAA Accounting Policy

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | SAA Accounting Policy |
| OSS name | accountingPolicyObjectPointer |
| Read-only | yes |
| Tab Panel | Results Configuration Accounting |
| Type | POINTER |

Size

Table 3-807 Size

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the the number of octets in the Value field of the Data TLV of the Ethernet CFM Loopback packet. If zero is specified, the packet has no Data TLV. |
| Displayed name | Size |
| Maximum | 1500 |
| Minimum | 0 |
| OSS name | packetSize |
| Read-only | no |

Table 3-807 Size (continued)

| Name | Value |
|-------------|--------------------------|
| Tab Panel | test_params exec_details |
| Type | INT |
| Units | octets |

Target MAC Address**Table 3-808 Target MAC Address**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:00-00-00-00-00-00 |
| Description | Specifies the target MAC address. |
| Displayed name | Target MAC Address |
| OSS name | mepTargetMacAddr |
| Read-only | no |
| Tab Panel | General meptarget_info |
| Type | MACADDR |

Target MEP ID**Table 3-809 Target MEP ID**

| Name | Value |
|----------------|------------------------------|
| Default | yes:0 |
| Description | Specifies the Target MEP ID. |
| Displayed name | Target MEP ID |
| Maximum | 8191 |
| Minimum | 1 |
| OSS name | mepTargetMepId |
| Read-only | no |
| Tab Panel | General meptarget_info |
| Type | LONG |

Test Definition
Table 3-810 Test Definition

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The pointer to the {{sas.TestDefinition}}, if any, that this test was created from. Only applicable when aggregatedWith is "testSuite". |
| Displayed name | Test Definition |
| OSS name | testDefinition |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Test Failure Threshold**Table 3-811 Test Failure Threshold**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:1 |
| Displayed name | Test Failure Threshold |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | testFailureThreshold |
| Read-only | no |
| Tab Panel | Results Configuration general |
| Type | INT |

Test Interval**Table 3-812 Test Interval**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:10 |
| Description | Specifies the interval for this test. |
| Displayed name | Test Interval |
| Maximum | 1500 |
| Minimum | 10 |
| OSS name | testInterval |

Table 3-812 Test Interval (continued)

| Name | Value |
|-------------|--------------------------|
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | INT |
| Units | minutes |

Test Policy

Table 3-813 Test Policy

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The pointer to the {{sas.TestPolicyUsage}}, if any, that this test was created from. Only applicable when aggregatedWith is "testSuite". |
| Displayed name | Test Policy |
| OSS name | testPolicyUsage |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Test Result Storage

Table 3-814 Test Result Storage

| Name | Value |
|----------------|---|
| Default | yes:logToDB |
| Description | This value specifies whether or not the OAM NE Schedulable test results are to be logged to a file, stored in the DB, or both |
| Displayed name | Test Result Storage |
| OSS name | testResultStorage |
| Read-only | no |
| Tab Panel | Results Configuration Accounting |
| Type | TestResultStorageEnum |

Test Suite
Table 3-815 Test Suite

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The pointer to the {{sas.TestSuite}}, if any, that owns this test. Only applicable when aggregatedWith is "testSuite". |
| Displayed name | Test Suite |
| OSS name | testSuite |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Tested Entity**Table 3-816 Tested Entity**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The pointer to the {{sas.TestedEntity}}, if any, that is associated to this object. Only applicable when aggregatedWith is "testSuiteGenerated". |
| Displayed name | Tested Entity |
| OSS name | testSuiteTestedEntity |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Trap Generation**Table 3-817 Trap Generation**

| Name | Value |
|----------------|---|
| Default | yes:testCompletion |
| Description | Specifies when the node sends traps while executing the test. |
| Displayed name | Trap Generation |
| OSS name | trapGenerationPolicy |
| Read-only | no |
| Tab Panel | Results Configuration general |

Table 3-817 Trap Generation (continued)

| Name | Value |
|------|------------------------------|
| Type | sas.PingTrapGenerationPolicy |

VLAN Priority**Table 3-818 VLAN Priority**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:0 |
| Description | Specifies the two way delay priority. |
| Displayed name | VLAN Priority |
| Maximum | 7 |
| Minimum | 0 |
| OSS name | mepTwoWayDelayPriority |
| Read-only | no |
| Tab Panel | General mep_info |
| Type | INT |

Weight**Table 3-819 Weight**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the relative load that execution of this test affects the server. |
| Displayed name | Weight |
| OSS name | weight |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

CFM Two Way SLM Test parameters

Accounting Files

Table 3-820 Accounting Files

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether this test uses SAA Accounting |
| Displayed name | Accounting Files |
| OSS name | accountingFiles |
| Read-only | no |
| Tab Panel | Results Configuration Accounting |
| Type | BOOL |

Administrative State

Table 3-821 Administrative State

| Name | Value |
|----------------|--|
| Default | yes:enabled |
| Description | The administrative state of the test. Disabled tests cannot be executed (even if it is a scheduled execution). |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | sas.TestAdminState |

Aggregated With

Table 3-822 Aggregated With

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Specifies if/how the test is aggregated with others tests. |
| Displayed name | Aggregated With |
| OSS name | aggregatedWith |
| Read-only | yes |

Table 3-822 Aggregated With (continued)

| Name | Value |
|-------------|---------------------|
| Tab Panel | test_suite general |
| Type | sas.AggregationType |

Card TCA Profile**Table 3-823 Card TCA Profile**

| Name | Value |
|----------------|-------------------------------|
| Default | yes: |
| Displayed name | Card TCA Profile |
| OSS name | cardStatsTCAProfilePointer |
| Read-only | no |
| Tab Panel | Results Configuration general |
| Type | POINTER |

Continuous Execution**Table 3-824 Continuous Execution**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This value specifies whether or not the OAM NE Schedulable test is to be executed indefinitely. |
| Displayed name | Continuous Execution |
| OSS name | continuousExec |
| Read-only | no |
| Tab Panel | test_params execution_info |
| Type | BOOL |

Data Size**Table 3-825 Data Size**

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 3-825 Data Size (continued)

| Name | Value |
|----------------|--|
| Description | Specifies the data size, in bytes, contained in the padding TLV for the two-way Synthetic Loss Measurement (SLM) test. A value of zero (0) specifies that no padding TLV is inserted in the SLM packet. Any non-zero value will increase the packet size by the specified data size plus 3 bytes for the TLV header. |
| Displayed name | Data Size |
| Maximum | 1500 |
| Minimum | 0 |
| OSS name | twDataSize |
| Read-only | no |
| Tab Panel | General mep_info |
| Type | INT |
| Units | octets |

Description

Table 3-826 Description

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The description of the test. Not interpreted by SAM. |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Forwarding Class

Table 3-827 Forwarding Class

| Name | Value |
|---------|--------|
| Default | yes:nc |

Table 3-827 Forwarding Class (continued)

| Name | Value |
|----------------|---|
| Description | <p>specifies the forwarding class to be used when launching the probe(s). The forwarding class name must be present in the index column of TIMETRA-QOS-MIB::tFCNameTable. This object is optional. As shown in the following table a) this object is applicable to a subset of the test types, and b) the default forwarding class depends on the test type.</p> <p>tmnxOamPingCtlTestMode Applicable? Default ----- 'cpePing' yes 'be' 'ethCfmLoopback' yes 'nc' 'ethCfmTwoWayDelay' yes 'nc' 'ethCfmTwoWaySlm' yes 'nc' 'icmpPing' yes 'nc' 'lspPing' yes 'be' 'macPing' yes 'be' 'p2mpLspPing' yes 'be' 'sdpPing' yes 'be' 'vccvPing' yes 'be' 'vprnPing' yes 'be' otherwise no N/A For 'ethCfmLoopback', 'ethCfmTwoWayDelay', and 'ethCfmTwoWaySlm', the forwarding class depends on whether the request is configured to egress on a network port or an access port. In the network port case, the forwarding class is the forwarding class of the pseudowire. In the access port case, the forwarding class is that of the SAP's egress encapsulation policy. For 'lspPing' this is the forwarding class of the LSP tunnel. For 'macPing' or 'sdpPing' this is the forwarding class of the SDP encapsulation. For 'p2mpLspPing' this is the forwarding class of the P2MP LSP tree. For 'vccvPing' this is the forwarding class of the pseudowire. If forwarding classes are mapped by the applicable QoS policy, the probe(s) may be launched using a different forwarding class than the forwarding class specified by this object.</p> |
| Displayed name | Forwarding Class |
| OSS name | forwardingClass |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | qos.FcEnum |

Forwarding Profile

Table 3-828 Forwarding Profile

| Name | Value |
|----------------|---|
| Default | yes:in |
| Description | <p>The value of tmnxOamPingCtlProfile specifies the profile to be used with the forwarding class specified in tmnxOamPingCtlFcName. This object is optional. As shown in the following table a) this object is applicable to a subset of the test types, and b) the default profile value depends on the test type. tmnxOamPingCtlTestMode Applicable? Default ----- 'cpePing' yes 'out(2)' 'ethCfmLoopback' yes 'in(1)' 'ethCfmTwoWayDelay' yes 'in(1)' 'ethCfmTwoWaySlm' yes 'in(1)' 'icmpPing' no N/A 'lspPing' yes 'out(2)' 'macPing' yes 'out(2)' 'p2mpLspPing' yes 'out(2)' 'sdpPing' yes 'out(2)' 'vccvPing' yes 'out(2)' 'vprnPing' yes 'out(2)' otherwise no N/A</p> |
| Displayed name | Forwarding Profile |
| OSS name | profile |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | qos.Profile |

Global ID
Table 3-829 Global ID

| Name | Value |
|----------------|--------------------------------------|
| Default | yes: |
| Description | The display global name of the test. |
| Displayed name | Global ID |
| Maximum | 252 |
| Minimum | 0 |
| OSS name | globalId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Global MEG**Table 3-830 Global MEG**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | The Global MEG to which this CFM test is associated with. |
| Displayed name | Global MEG |
| Mandatory on creation | yes |
| OSS name | globalMA |
| Read-only | no |
| Tab Panel | General meg_conf |
| Type | POINTER |

Global MEG**Table 3-831 Global MEG**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | The Global MEG to which this CFM test is associated with. |
| Displayed name | Global MEG |
| Mandatory on creation | yes |
| OSS name | globalMA |

Table 3-831 Global MEG (continued)

| Name | Value |
|-------------|-----------------------|
| Read-only | no |
| Tab Panel | General mep_orig_info |
| Type | POINTER |

ID**Table 3-832 ID**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes:0 |
| Description | The identifier for the STM test. |
| Displayed name | ID |
| Mandatory on creation | yes |
| Maximum | 99999999 |
| Minimum | 1 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Interval**Table 3-833 Interval**

| Name | Value |
|--------------------------|---|
| Default | yes:1sec |
| Description | Specifies the delay, in seconds, milliseconds and minutes between Synthetic Loss Measurement (SLM) messages for the two-way SLM test. |
| Displayed name | Interval |
| OSS name | twIntervalReDef |
| Read-only | no |
| Tab Panel | General mep_info |
| Type | TwIntervalReDef |
| Enumerated types: | |
| 1 min | |

Table 3-833 Interval (continued)

| Name | Value |
|--------|-------|
| 1 sec | |
| 10 min | |
| 10 sec | |
| 100 ms | |

Interval**Table 3-834 Interval**

| Name | Value |
|----------------|--|
| Default | yes:5 |
| Description | Specifies the delay, in seconds, between Synthetic Loss Measurement (SLM) messages for the two-way SLM test. |
| Displayed name | Interval |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | twInterval |
| Read-only | no |
| Tab Panel | General mep_info |
| Type | INT |
| Units | seconds |

Last Generated**Table 3-835 Last Generated**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Date (time from January 1st, 1970) when this test was last generated. This attribute has value only when this test is bound to a Test Suite. |
| Displayed name | Last Generated |
| OSS name | lastGeneratedTime |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | DATE |

Name**Table 3-836 Name**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The display name of the test. Not interpreted by SAM. |
| Displayed name | Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

NE Schedulable**Table 3-837 NE Schedulable**

| Name | Value |
|-----------------------|---|
| Default | yes:false |
| Description | Used to make this test NE schedulable. An NE schedulable test is immediately installed onto the node, and may use the node's CRON feature to schedule its executions. |
| Displayed name | NE Schedulable |
| Mandatory on creation | yes |
| OSS name | neSchedulable |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Number of Test Packets**Table 3-838 Number of Test Packets**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:1 |
| Description | The number of probes to send. |
| Displayed name | Number of Test Packets |
| Maximum | 100 |

Table 3-838 Number of Test Packets (continued)

| Name | Value |
|-------------|--------------------------|
| Minimum | 1 |
| OSS name | packetsToSend |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | INT |

Number of Test Packets

Table 3-839 Number of Test Packets

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | Specifies the number of Synthetic Loss Measurement (SLM) packets to send during the two-way SLM test. |
| Displayed name | Number of Test Packets |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | twSendCount |
| Read-only | no |
| Tab Panel | General mep_info |
| Type | INT |

Originating MEP

Table 3-840 Originating MEP

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | The MEP element that is the origin of the CFM test. |
| Displayed name | Originating MEP |
| Mandatory on creation | yes |
| OSS name | originatingMep |
| Read-only | no |
| Tab Panel | General mep_orig_info |
| Type | POINTER |

Originating Tested Entity
Table 3-841 Originating Tested Entity

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Displays the service name of the tested entity |
| Displayed name | Originating Tested Entity |
| OSS name | testedEntityName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Packet Failure Threshold**Table 3-842 Packet Failure Threshold**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:1 |
| Displayed name | Packet Failure Threshold |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | packetFailureThreshold |
| Read-only | no |
| Tab Panel | Results Configuration general |
| Type | INT |

Packet Interval**Table 3-843 Packet Interval**

| Name | Value |
|----------------|--|
| Default | yes:5 |
| Description | Specifies the number of seconds to wait before sending the next probe. |
| Displayed name | Packet Interval |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | packetInterval |
| Read-only | no |

Table 3-843 Packet Interval (continued)

| Name | Value |
|-------------|--------------------------|
| Tab Panel | test_params exec_details |
| Type | INT |
| Units | seconds |

Packet Interval Units

Table 3-844 Packet Interval Units

| Name | Value |
|--------------------------|---|
| Default | yes:seconds |
| Description | Specifies the interval units for this test. |
| Displayed name | Packet Interval Units |
| OSS name | packetIntervalUnits |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | PacketIntervalUnitsType |
| Enumerated types: | |
| | Centiseconds |
| | Seconds |

Packet Timeout

Table 3-845 Packet Timeout

| Name | Value |
|----------------|---|
| Default | yes:5 |
| Description | Specifies the time-out-value, in seconds, to wait for an OAM Echo message reply. Upon expiration of the timeout period, the agent assumes that the message response will not be received. An appropriate error value is written to Probe Result Status for the timed out probe entry. Any response received after the timeout period has expired is silently discarded. |
| Displayed name | Packet Timeout |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | packetTimeout |
| Read-only | no |
| Tab Panel | test_params exec_details |

Table 3-845 Packet Timeout (continued)

| Name | Value |
|-------|---------|
| Type | INT |
| Units | seconds |

Priority**Table 3-846 Priority**

| Name | Value |
|----------------|--|
| Default | yes:7 |
| Description | Specifies the priority used in the generated test frame for the two-way Synthetic Loss Measurement (SLM) test. |
| Displayed name | Priority |
| Maximum | 7 |
| Minimum | 0 |
| OSS name | twPriority |
| Read-only | no |
| Tab Panel | General mep_info |
| Type | INT |

Probe History**Table 3-847 Probe History**

| Name | Value |
|----------------|--|
| Default | yes:auto |
| Description | The value of probeHistory indicates whether or not per-probe history will be kept for this test. |
| Displayed name | Probe History |
| OSS name | probeHistory |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | sas.ProbeHistoryType |

SAA Accounting Policy
Table 3-848 SAA Accounting Policy

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | SAA Accounting Policy |
| OSS name | accountingPolicyObjectPointer |
| Read-only | yes |
| Tab Panel | Results Configuration Accounting |
| Type | POINTER |

Size**Table 3-849 Size**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the the number of octets in the Value field of the Data TLV of the Ethernet CFM Loopback packet. If zero is specified, the packet has no Data TLV. |
| Displayed name | Size |
| Maximum | 1500 |
| Minimum | 0 |
| OSS name | packetSize |
| Read-only | no |
| Tab Panel | test_params exec_details |
| Type | INT |
| Units | octets |

Target MAC Address**Table 3-850 Target MAC Address**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:00-00-00-00-00-00 |
| Description | Specifies the target MAC address. |
| Displayed name | Target MAC Address |
| OSS name | mepTargetMacAddr |
| Read-only | no |

Table 3-850 Target MAC Address (continued)

| Name | Value |
|-------------|------------------------|
| Tab Panel | General meptarget_info |
| Type | MACADDR |

Test Definition**Table 3-851 Test Definition**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The pointer to the {{sas.TestDefinition}}, if any, that this test was created from. Only applicable when aggregatedWith is "testSuite". |
| Displayed name | Test Definition |
| OSS name | testDefinition |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Test Failure Threshold**Table 3-852 Test Failure Threshold**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:1 |
| Displayed name | Test Failure Threshold |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | testFailureThreshold |
| Read-only | no |
| Tab Panel | Results Configuration general |
| Type | INT |

Test Policy
Table 3-853 Test Policy

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The pointer to the {{sas.TestPolicyUsage}}, if any, that this test was created from. Only applicable when aggregatedWith is "testSuite". |
| Displayed name | Test Policy |
| OSS name | testPolicyUsage |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Test Result Storage**Table 3-854 Test Result Storage**

| Name | Value |
|----------------|---|
| Default | yes:logToDB |
| Description | This value specifies whether or not the OAM NE Schedulable test results are to be logged to a file, stored in the DB, or both |
| Displayed name | Test Result Storage |
| OSS name | testResultStorage |
| Read-only | no |
| Tab Panel | Results Configuration Accounting |
| Type | TestResultStorageEnum |

Test Suite**Table 3-855 Test Suite**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The pointer to the {{sas.TestSuite}}, if any, that owns this test. Only applicable when aggregatedWith is "testSuite". |
| Displayed name | Test Suite |
| OSS name | testSuite |
| Read-only | yes |
| Tab Panel | test_suite general |

Table 3-855 Test Suite (continued)

| Name | Value |
|------|---------|
| Type | POINTER |

Tested Entity**Table 3-856 Tested Entity**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The pointer to the {{sas.TestedEntity}}, if any, that is associated to this object. Only applicable when aggregatedWith is "testSuiteGenerated". |
| Displayed name | Tested Entity |
| OSS name | testSuiteTestedEntity |
| Read-only | yes |
| Tab Panel | test_suite general |
| Type | POINTER |

Timeout**Table 3-857 Timeout**

| Name | Value |
|----------------|--|
| Default | yes:5 |
| Description | Specifies the time-out value, in seconds, to wait for a Synthetic Loss Measurement (SLM) message to reply for the two-way SLM test. Upon expiration of the timeout period, the agent assumes that the message response will not be received. Any response received after the timeout period has expired is silently discarded. |
| Displayed name | Timeout |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | twTimeout |
| Read-only | no |
| Tab Panel | General mep_info |
| Type | INT |
| Units | seconds |

Trap Generation

Table 3-858 Trap Generation

| Name | Value |
|----------------|---|
| Default | yes:testCompletion |
| Description | Specifies when the node sends traps while executing the test. |
| Displayed name | Trap Generation |
| OSS name | trapGenerationPolicy |
| Read-only | no |
| Tab Panel | Results Configuration general |
| Type | sas.PingTrapGenerationPolicy |

Weight

Table 3-859 Weight

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the relative load that execution of this test affects the server. |
| Displayed name | Weight |
| OSS name | weight |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Channel Disposition parameters

Add

Table 3-860 Add

| Name | Value |
|----------------|---|
| Default | yes:unspecified |
| Description | The current channel disposition in the add direction. |
| Displayed name | Add |
| OSS name | addDisposition |
| Read-only | no |

Table 3-860 Add (continued)

| Name | Value |
|--------------------------|-----------------------------|
| Tab Panel | Channel Disposition General |
| Type | AddDropDisposition |
| Enumerated types: | |
| AD1 In | |
| AD1 Out | |
| AD10 | |
| AD10 In | |
| AD10 Out | |
| AD11 | |
| AD11 In | |
| AD11 Out | |
| AD12 | |
| AD12 In | |
| AD12 Out | |
| AD13 | |
| AD13 In | |
| AD13 Out | |
| AD14 | |
| AD14 In | |
| AD14 Out | |
| AD15 | |
| AD15 In | |
| AD15 Out | |
| AD16 | |
| AD16 In | |
| AD16 Out | |
| AD17 | |
| AD18 | |
| AD19 | |
| AD2 In | |
| AD2 Out | |
| AD20 | |
| AD3 In | |

Table 3-860 Add (continued)

| Name | Value |
|-----------------|-------|
| AD3 Out | |
| AD4 In | |
| AD4 Out | |
| AD5 In | |
| AD5 Out | |
| AD6 In | |
| AD6 Out | |
| AD7 In | |
| AD7 Out | |
| AD8 In | |
| AD8 Out | |
| AD9 | |
| AD9 In | |
| AD9 Out | |
| ADT1 | |
| ADT2 | |
| ADT3 | |
| ADT4 | |
| ADT5 | |
| ADT6 | |
| ADT7 | |
| ADT8 | |
| Blocked | |
| Not Forced | |
| Not Provisioned | |
| SIG1 | |
| SIG2 | |
| SIG3 | |
| SIG4 | |
| SIG5 | |
| SIG6 | |
| SIG7 | |
| SIG8 | |

Channel
Table 3-861 Channel

| Name | Value |
|--------------------------|-----------------------------|
| Description | SnmpPortId for the port. |
| Displayed name | Channel |
| Mandatory on creation | yes |
| OSS name | channel |
| Read-only | no |
| Tab Panel | Channel Disposition General |
| Type | ITUChannel |
| Enumerated types: | |
| 1310 | |
| 1471 | |
| 1490 | |
| 1491 | |
| 1511 | |
| 1530 | |
| 1531 | |
| 1550 | |
| 1551 | |
| 1571 | |
| 1591 | |
| 1611 | |
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |

Table 3-861 Channel (continued)

| Name | Value |
|------|-------|
| 8700 | |
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |

Table 3-861 Channel (continued)

| Name | Value |
|------|-------|
| 8865 | |
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |

Table 3-861 Channel (continued)

| Name | Value |
|------|-------|
| 9030 | |
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |

Table 3-861 Channel (continued)

| Name | Value |
|------|-------|
| 9195 | |
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |

Table 3-861 Channel (continued)

| Name | Value |
|------|-------|
| 9360 | |
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |

Table 3-861 Channel (continued)

| Name | Value |
|------|-------|
| 9525 | |
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

Drop**Table 3-862 Drop**

| Name | Value |
|--------------------------|--|
| Default | yes:unspecified |
| Description | The current channel disposition in the drop direction. |
| Displayed name | Drop |
| OSS name | dropDisposition |
| Read-only | no |
| Tab Panel | Channel Disposition General |
| Type | AddDropDisposition |
| Enumerated types: | |
| AD1 In | |

Table 3-862 Drop (continued)

| Name | Value |
|----------|-------|
| AD1 Out | |
| AD10 | |
| AD10 In | |
| AD10 Out | |
| AD11 | |
| AD11 In | |
| AD11 Out | |
| AD12 | |
| AD12 In | |
| AD12 Out | |
| AD13 | |
| AD13 In | |
| AD13 Out | |
| AD14 | |
| AD14 In | |
| AD14 Out | |
| AD15 | |
| AD15 In | |
| AD15 Out | |
| AD16 | |
| AD16 In | |
| AD16 Out | |
| AD17 | |
| AD18 | |
| AD19 | |
| AD2 In | |
| AD2 Out | |
| AD20 | |
| AD3 In | |
| AD3 Out | |
| AD4 In | |
| AD4 Out | |
| AD5 In | |

Table 3-862 Drop (continued)

| Name | Value |
|-----------------|-------|
| AD5 Out | |
| AD6 In | |
| AD6 Out | |
| AD7 In | |
| AD7 Out | |
| AD8 In | |
| AD8 Out | |
| AD9 | |
| AD9 In | |
| AD9 Out | |
| ADT1 | |
| ADT2 | |
| ADT3 | |
| ADT4 | |
| ADT5 | |
| ADT6 | |
| ADT7 | |
| ADT8 | |
| Blocked | |
| Not Forced | |
| Not Provisioned | |
| SIG1 | |
| SIG2 | |
| SIG3 | |
| SIG4 | |
| SIG5 | |
| SIG6 | |
| SIG7 | |
| SIG8 | |

Channel Summary parameters

Channel

Table 3-863 Channel

| Name | Value |
|--------------------------|------------------|
| Default | yes:unAssigned |
| Description | The ITU channel. |
| Displayed name | Channel |
| Mandatory on creation | yes |
| OSS name | channel |
| Read-only | no |
| Tab Panel | General General |
| Type | ITUChannel |
| Enumerated types: | |
| 1310 | |
| 1471 | |
| 1490 | |
| 1491 | |
| 1511 | |
| 1530 | |
| 1531 | |
| 1550 | |
| 1551 | |
| 1571 | |
| 1591 | |
| 1611 | |
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |

Table 3-863 Channel (continued)

| Name | Value |
|------|-------|
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |

Table 3-863 Channel (continued)

| Name | Value |
|------|-------|
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |

Table 3-863 Channel (continued)

| Name | Value |
|------|-------|
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |

Table 3-863 Channel (continued)

| Name | Value |
|------|-------|
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |

Table 3-863 Channel (continued)

| Name | Value |
|------|-------|
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |

Table 3-863 Channel (continued)

| Name | Value |
|------|-------|
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

Channel Power Detected**Table 3-864 Channel Power Detected**

| Name | Value |
|----------------|--|
| Description | Summary of channels against which channels have power greater than WTOCM input LOS threshold.0 =channels have no detected power 1 =channels have power detected. |
| Displayed name | Channel Power Detected |
| OSS name | noLosWKMask |
| Read-only | no |

Table 3-864 Channel Power Detected (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | BOOL |

Expected Wave Keys Present**Table 3-865 Expected Wave Keys Present**

| Name | Value |
|----------------|---|
| Description | Summary of channels against which channels have EXPECTED keys for PROVISIONED channels. 0 =keys not provisioned OR keys are provisioned but keys are not processed yet 1 =keys are provisioned, processed, and present. |
| Displayed name | Expected Wave Keys Present |
| OSS name | confirmWKMask |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Port Name**Table 3-866 Port Name**

| Name | Value |
|----------------|-----------------|
| Description | The port name. |
| Displayed name | Port Name |
| OSS name | portName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-867 Site Name**

| Name | Value |
|----------------|----------------|
| Description | The site name. |
| Displayed name | Site Name |
| OSS name | siteName |

Table 3-867 Site Name (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Unexpected Wave Keys Present**Table 3-868 Unexpected Wave Keys Present**

| Name | Value |
|----------------|--|
| Description | Summary of channels against which unexpected Wave Keys have been received. 0 =keys not processed OR keys processed and no UNEXPECTED found 1 =keys processed and UNEXPECTED found. |
| Displayed name | Unexpected Wave Keys Present |
| OSS name | unexpectedWKMask |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Wave Keys Processed**Table 3-869 Wave Keys Processed**

| Name | Value |
|----------------|--|
| Description | Summary of channels against which Wave Keys have been processed. 0 =no need to process, no power measured OR power measured and processing not complete 1 =power is received and processing is complete. |
| Displayed name | Wave Keys Processed |
| OSS name | processedWKMask |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Wave Keys Provisioned

Table 3-870 Wave Keys Provisioned

| Name | Value |
|----------------|--|
| Description | Summary of channels against which expected Wave Keys have been programmed. 0 =channels have no keys provisioned 1 =channels have keys provisioned. |
| Displayed name | Wave Keys Provisioned |
| OSS name | expectedWKMask |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Command parameters

Command

Table 3-871 Command

| Name | Value |
|--------------------------|---|
| Default | yes:noCmd |
| Description | The internal command issued to the node - noCmd(1), execute(2). |
| Displayed name | Command |
| OSS name | command |
| Read-only | no |
| Tab Panel | General General |
| Type | PerformCommand |
| Enumerated types: | |
| | Execute |
| | Execute with Force |
| | No Cmd |

Command Type

Table 3-872 Command Type

| Name | Value |
|----------------|---|
| Description | The type of operation to be executed on the node. |
| Displayed name | Command Type |

Table 3-872 Command Type (continued)

| Name | Value |
|--------------------------|-----------------|
| Mandatory on creation | yes |
| OSS name | type |
| Read-only | no |
| Tab Panel | General General |
| Type | CommandType |
| Enumerated types: | |
| abortAddAdjust | |
| abortEgressAdjust | |
| startAddAdjust | |
| startDropAdjust | |
| startEgressAdjust | |
| startEgressAseAdjust | |
| startIngressAdjust | |
| startIngressAseAdjust | |
| stopEgressAseAdjust | |

Control Processor parameters

Administrative State

Table 3-873 Administrative State

| Name | Value |
|--------------------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General Equipment |
| Type | AdministrativeState |
| Enumerated types: | |
| Diagnose | |
| Down | |
| Locked | |
| Maintenance | |

Table 3-873 Administrative State (continued)

| Name | Value |
|----------------|-------|
| Not Relevant | |
| Operate Switch | |
| Shutting Down | |
| Unknown | |
| Unlocked | |
| Up | |

Background Diagnostics Fault Reason**Table 3-874 Background Diagnostics Fault Reason**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Displayed name | Background Diagnostics Fault Reason |
| OSS name | backgroundDiagnosticsFaultReason |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Background Diagnostics State**Table 3-875 Background Diagnostics State**

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:unknown |
| Displayed name | Background Diagnostics State |
| OSS name | backgroundDiagnosticsState |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | BackgroundDiagnosticsStateType |
| Enumerated types: | |
| Critical Fault Detected | |
| Fault Detected | |
| N/A | |
| Ok | |

Table 3-875 Background Diagnostics State (continued)

| Name | Value |
|---------|-------|
| Unknown | |

CLEI Code**Table 3-876 CLEI Code**

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General Equipment Location Codes |
| Type | STRING |

CPU Type**Table 3-877 CPU Type**

| Name | Value |
|--------------------------|-----------------|
| Default | yes:unknown |
| Displayed name | CPU Type |
| OSS name | cpuType |
| Read-only | yes |
| Tab Panel | General General |
| Type | ProcessorType |
| Enumerated types: | |
| MIPS | |
| Pentium-PC | |
| Unknown | |

Firmware Revision Status
Table 3-878 Firmware Revision Status

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:notApplicable |
| Displayed name | Firmware Revision Status |
| OSS name | hwFirmwareRevisionStatus |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | HwFirmwareRevisionStatusTypes |
| Enumerated types: | |
| Acceptable | |
| Not Acceptable | |
| Not Applicable | |
| Upgrade Pending | |
| Upgrading | |

Hardware Class**Table 3-879 Hardware Class**

| Name | Value |
|--------------------------|------------------------------|
| Default | no |
| Displayed name | Hardware Class |
| OSS name | hardwareClass |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | HardwareClassType |
| Enumerated types: | |
| External Alarm Input | |
| Fam | |
| N/A | |

Hold on Reboot**Table 3-880 Hold on Reboot**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether the standby CPM/SFM card in hold on a soft reboot, preventing it from coming back online. |
| Displayed name | Hold on Reboot |
| OSS name | rebootHold |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Manufacture Date**Table 3-881 Manufacture Date**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacture Date |
| Maximum | 252 |
| OSS name | manufactureDate |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturer**Table 3-882 Manufacturer**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturer |
| Maximum | 252 |
| OSS name | manufacturer |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Assembly No**Table 3-883 Manufacturing Assembly No**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Assembly No |
| OSS name | manufacturingAssemblyNo |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Deviations**Table 3-884 Manufacturing Deviations**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Deviations |
| OSS name | manufacturingDeviations |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Variant**Table 3-885 Manufacturing Variant**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Variant |
| OSS name | manufacturingVariant |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Memory Size
Table 3-886 Memory Size

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Memory Size |
| OSS name | memorySize |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |
| Units | MB |

Number of CPUs**Table 3-887 Number of CPUs**

| Name | Value |
|----------------|-----------------|
| Default | yes:2 |
| Displayed name | Number of CPUs |
| OSS name | numberOfCpus |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Operational State**Table 3-888 Operational State**

| Name | Value |
|--------------------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | OperationalState |
| Enumerated types: | |
| | Booting |
| | Degraded |

Table 3-888 Operational State (continued)

| Name | Value |
|----------------------|-------|
| Diagnosing | |
| Disabled | |
| Down | |
| Downgrade | |
| Empty | |
| Enabled | |
| Failed | |
| In Service Downgrade | |
| In Service Upgrade | |
| Indeterminate | |
| Invalid Connection | |
| No Link | |
| Not Present | |
| Not Relevant | |
| Provisioned | |
| Reserved | |
| Reset Pending | |
| Shutting Down | |
| Soft Reset | |
| Testing | |
| Transition | |
| Unknown | |
| Unprovisioned | |
| Unsupported SFF | |
| Up | |
| Upgrade | |

Oscillator Type**Table 3-889 Oscillator Type**

| Name | Value |
|----------------|-----------------|
| Default | yes:tcxo |
| Displayed name | Oscillator Type |

Table 3-889 Oscillator Type (continued)

| Name | Value |
|--------------------------|-------------------------|
| OSS name | processorOscillator |
| Read-only | yes |
| Tab Panel | General General |
| Type | ProcessorOscillatorType |
| Enumerated types: | |
| None | |
| OCXO | |
| TCXO | |

Part Number**Table 3-890 Part Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Part Number |
| Maximum | 252 |
| OSS name | manufacturerBoardNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Redundant Status**Table 3-891 Redundant Status**

| Name | Value |
|--------------------------|---------------------------|
| Default | yes:singleton |
| Displayed name | Redundant Status |
| OSS name | redundantStatus |
| Read-only | yes |
| Tab Panel | General General |
| Type | ProcessorRedundancyStatus |
| Enumerated types: | |
| Redundant Active | |

Table 3-891 Redundant Status (continued)

| Name | Value |
|-----------------------|-------|
| Redundant Disabled | |
| Redundant Ext Active | |
| Redundant Ext Standby | |
| Redundant Split | |
| Redundant Standby | |
| Redundant Synching | |
| Singleton | |
| Unknown | |

Serial Number**Table 3-892 Serial Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Serial Number |
| Maximum | 252 |
| OSS name | serialNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Site ID**Table 3-893 Site ID**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site ID
Table 3-894 Site ID

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-895 Site Name**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site Name**Table 3-896 Site Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Slot ID
Table 3-897 Slot ID

| Name | Value |
|----------------|-----------------|
| Default | yes:1 |
| Displayed name | Slot ID |
| OSS name | slotId |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

DirectInterfaceCtp parameters

Interface ID**Table 3-898 Interface ID**

| Name | Value |
|----------------|--------------------------|
| Default | yes:0 |
| Displayed name | Interface ID |
| OSS name | virtualRouterInterfaceId |
| Read-only | yes |
| Tab Panel | General Interface |
| Type | LONG |

Interface Name**Table 3-899 Interface Name**

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | Interface Name |
| Maximum | 252 |
| OSS name | terminatedObjectName |
| Read-only | yes |
| Tab Panel | General Interface |
| Type | STRING |

Routing Instance ID
Table 3-900 Routing Instance ID

| Name | Value |
|----------------|--------------------------|
| Default | yes:1 |
| Displayed name | Routing Instance ID |
| OSS name | virtualRouterId |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | LONG |

Routing Instance Name**Table 3-901 Routing Instance Name**

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Routing Instance Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | routerName |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | STRING |

Site ID**Table 3-902 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name
Table 3-903 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Discovered Remote Managed Device parameters

Device Type**Table 3-904 Device Type**

| Name | Value |
|--------------------------|-----------------|
| Default | yes:efm |
| Displayed name | Device Type |
| Mandatory on creation | yes |
| OSS name | deviceType |
| Read-only | no |
| Tab Panel | General General |
| Type | DeviceType |
| Enumerated types: | |
| | CEDD |
| | CFM |
| | EFM |
| | TSoP-OC12 |
| | TSoP-OC3 |
| | Unknown |

Interface ID
Table 3-905 Interface ID

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Interface ID |
| OSS name | interfaceId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

MAC Address**Table 3-906 MAC Address**

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | MAC Address |
| Mandatory on creation | yes |
| OSS name | macAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | MACADDR |

Multicast MAC Address**Table 3-907 Multicast MAC Address**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Multicast MAC Address |
| OSS name | multicastMacAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | MACADDR |

OUI
Table 3-908 OUI

| Name | Value |
|----------------|-----------------|
| Default | yes:00-19-3A |
| Displayed name | OUI |
| OSS name | deviceOui |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site ID**Table 3-909 Site ID**

| Name | Value |
|----------------|-------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site Info |
| Type | STRING |

Site Name**Table 3-910 Site Name**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site Info |
| Type | STRING |

DryContact parameters

Alarm Clear Message

Table 3-911 Alarm Clear Message

| Name | Value |
|----------------|---------------------------|
| Default | yes: |
| Displayed name | Alarm Clear Message |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | externalAlarmClearMessage |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Alarm Severity

Table 3-912 Alarm Severity

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:1 |
| Displayed name | Alarm Severity |
| OSS name | externalAlarmSeverity |
| Read-only | no |
| Tab Panel | General General |
| Type | ExternalAlarmSeverity |
| Enumerated types: | |
| condition | |
| critical | |
| indeterminate | |
| info | |
| major | |
| minor | |
| suppressed | |
| warning | |

Alarm Trigger Message
Table 3-913 Alarm Trigger Message

| Name | Value |
|----------------|-----------------------------|
| Default | yes: |
| Displayed name | Alarm Trigger Message |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | externalAlarmTriggerMessage |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Connected To**Table 3-914 Connected To**

| Name | Value |
|----------------|--|
| Description | This property indicates the Amplifier Card that the User Interface Panel port is connected To. |
| Displayed name | Connected To |
| OSS name | connectedTo |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Control Status**Table 3-915 Control Status**

| Name | Value |
|--------------------------|---|
| Default | yes:rls |
| Description | This property indicates the External Control Status of the User Interface Panel port. |
| Displayed name | Control Status |
| OSS name | controlledStatus |
| Read-only | no |
| Tab Panel | General General |
| Type | ControlledStatus |
| Enumerated types: | |

Table 3-915 Control Status (continued)

| Name | Value |
|-----------|-------|
| Operate | |
| Racklamp | |
| Raman APR | |
| Release | |

Control Type

Table 3-916 Control Type

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | This property indicates the External Control Type of the User Interface Panel port. |
| Displayed name | Control Type |
| Maximum | 56 |
| Minimum | 0 |
| OSS name | controlType |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Description

Table 3-917 Description

| Name | Value |
|----------------|-----------------|
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Dry Contact ID

Table 3-918 Dry Contact ID

| Name | Value |
|-----------------------|-----------------|
| Default | yes:1 |
| Displayed name | Dry Contact ID |
| Mandatory on creation | yes |
| Maximum | 4 |
| Minimum | 1 |
| OSS name | dryContactId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

External Alarm Status

Table 3-919 External Alarm Status

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:1 |
| Displayed name | External Alarm Status |
| OSS name | externalAlarmStatus |
| Read-only | no |
| Tab Panel | General General |
| Type | ExternalAlarmStatus |
| Enumerated types: | |
| Alarm | |
| No Alarm | |
| Not Equipped | |
| Unknown | |

Last Time Changed

Table 3-920 Last Time Changed

| Name | Value |
|----------------|-------------------|
| Displayed name | Last Time Changed |
| OSS name | lastChange |

Table 3-920 Last Time Changed (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | TIME |

Monitored Status**Table 3-921 Monitored Status**

| Name | Value |
|--------------------------|------------------|
| Default | yes:1 |
| Displayed name | Monitored Status |
| OSS name | enableStatus |
| Read-only | no |
| Tab Panel | General General |
| Type | EnableStatus |
| Enumerated types: | |
| Disabled | |
| Enabled | |

Name**Table 3-922 Name**

| Name | Value |
|----------------|-----------------|
| Displayed name | Name |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | dryContactName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Pin Number

Table 3-923 Pin Number

| Name | Value |
|----------------|-----------------|
| Default | yes:1 |
| Displayed name | Pin Number |
| Maximum | 12 |
| Minimum | 1 |
| OSS name | pinNumber |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Polarity

Table 3-924 Polarity

| Name | Value |
|--------------------------|-----------------|
| Default | yes:1 |
| Displayed name | Polarity |
| OSS name | polarity |
| Read-only | no |
| Tab Panel | General General |
| Type | Polarity |
| Enumerated types: | |
| Normally Closed | |
| Normally Opened | |

Dynamic Tilt Adjustment parameters

Card Sub Type

Table 3-925 Card Sub Type

| Name | Value |
|----------------|---|
| Default | yes:unspecified |
| Description | The assigned card subtype of the card on which this power adjustment is applicable. |
| Displayed name | Card Sub Type |
| OSS name | assignedCardSubType |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.CardSubType |

Connector Loss to Span

Table 3-926 Connector Loss to Span

| Name | Value |
|----------------|--|
| Default | yes:0.0 |
| Description | Configurable loss from the egress Line Out to the fiber span input. Current configurable range: 0 to 17.0. |
| Displayed name | Connector Loss to Span |
| Maximum | 17.0 |
| Minimum | 0.0 |
| OSS name | srsTiltCalcOutputLoss |
| Read-only | no |
| Tab Panel | General Dynamic Tilt Attributes |
| Type | FLOAT |
| Units | dB |

Description

Table 3-927 Description

| Name | Value |
|----------------|------------------------------------|
| Description | The displayed name of this object. |
| Displayed name | Description |

Table 3-927 Description (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Direction**Table 3-928 Direction**

| Name | Value |
|--------------------------|--|
| Description | The direction of power adjustment - ingress, egress, add, drop, etc. |
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General Power Adjustment |
| Type | PowerAdjDirection |
| Enumerated types: | |
| Add | |
| Drop | |
| Egress | |
| Ingress | |

Execute Command**Table 3-929 Execute Command**

| Name | Value |
|----------------|---|
| Default | yes:noCmd |
| Description | The power adjustment operation exposed to the user - start, stop, abort, etc. |
| Displayed name | Execute Command |
| OSS name | powerAdjustCommand |
| Read-only | no |
| Tab Panel | General Power Adjustment |
| Type | PowerAdjCommand |

Table 3-929 Execute Command (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Abort | |
| No Command | |
| Start | |
| Stop | |

Post-Compensated SRS Tilt Fraction**Table 3-930 Post-Compensated SRS Tilt Fraction**

| Name | Value |
|----------------|---|
| Default | yes:0.0 |
| Description | Used to modify the fraction of upstream span SRS tilt post compensated. Current configurable range: 0.0 to 3.0. |
| Displayed name | Post-Compensated SRS Tilt Fraction |
| Maximum | 3.0 |
| Minimum | 0.0 |
| OSS name | srsTiltPostFraction |
| Read-only | no |
| Tab Panel | General Dynamic Tilt Attributes |
| Type | FLOAT |

Pre-Compensated Span Loss Tilt**Table 3-931 Pre-Compensated Span Loss Tilt**

| Name | Value |
|----------------|--|
| Default | yes:0.0 |
| Description | Amount of fiber span tilt to pre compensate. Current configurable range: 0.0 to 3.0. |
| Displayed name | Pre-Compensated Span Loss Tilt |
| Maximum | 3.0 |
| Minimum | 0.0 |
| OSS name | fiberSpanTiltPreComp |
| Read-only | no |
| Tab Panel | General Dynamic Tilt Attributes |

Table 3-931 Pre-Compensated Span Loss Tilt (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | dB |

Pre-Compensated SRS Tilt Fraction**Table 3-932 Pre-Compensated SRS Tilt Fraction**

| Name | Value |
|----------------|---|
| Default | yes:0.0 |
| Description | This is used to modify the fraction of following span SRS tilt pre compensated. Current configurable range: 0.0 to 3.0. |
| Displayed name | Pre-Compensated SRS Tilt Fraction |
| Maximum | 3.0 |
| Minimum | 0.0 |
| OSS name | srsTiltPreFraction |
| Read-only | no |
| Tab Panel | General Dynamic Tilt Attributes |
| Type | FLOAT |

Result**Table 3-933 Result**

| Name | Value |
|----------------|---|
| Description | The result of the last executed power adjustment operation. |
| Displayed name | Result |
| OSS name | powerAdjustResult |
| Read-only | no |
| Tab Panel | General Power Adjustment |
| Type | STRING |

Site ID**Table 3-934 Site ID**

| Name | Value |
|----------------|----------------------|
| Description | The site identifier. |
| Displayed name | Site ID |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-935 Site Name**

| Name | Value |
|----------------|-----------------|
| Description | The site name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

SRS Tilt Calculation Coefficient**Table 3-936 SRS Tilt Calculation Coefficient**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Modeling coefficient for the $SRSTilt = A * Pout(mW)$ equation. Current configurable range: 0 to 10000. |
| Displayed name | SRS Tilt Calculation Coefficient |
| Maximum | 10000 |
| Minimum | 0 |
| OSS name | srsTiltCalcACoeff |
| Read-only | no |
| Tab Panel | General Dynamic Tilt Attributes |
| Type | INT |

SRS Tilt Calculation Multiplier
Table 3-937 SRS Tilt Calculation Multiplier

| Name | Value |
|----------------|---|
| Default | yes:0.0 |
| Description | This is used to modify the calculated SRS tilt of the span. Current configurable range: 0.0 to 3.0. |
| Displayed name | SRS Tilt Calculation Multiplier |
| Maximum | 3.0 |
| Minimum | 0.0 |
| OSS name | srsTiltCalcMultiplier |
| Read-only | no |
| Tab Panel | General Dynamic Tilt Attributes |
| Type | FLOAT |

Status**Table 3-938 Status**

| Name | Value |
|--------------------------|--|
| Description | Indicates the status of the executed power adjustment operation. |
| Displayed name | Status |
| OSS name | powerAdjustStatus |
| Read-only | no |
| Tab Panel | General Power Adjustment |
| Type | PowerAdjStatus |
| Enumerated types: | |
| Completed | |
| In Progress | |
| Not In Progress | |

Tilt Calculation Offset**Table 3-939 Tilt Calculation Offset**

| Name | Value |
|---------|-----------|
| Default | yes:-99.0 |

Table 3-939 Tilt Calculation Offset (continued)

| Name | Value |
|----------------|--|
| Description | Indicates if the LD setting has been offset to compensate downstream TiltMismatch. Range: -5.0 to 5.0. |
| Displayed name | Tilt Calculation Offset |
| OSS name | srsTiltCalcOffset |
| Read-only | no |
| Tab Panel | General Dynamic Tilt Attributes |
| Type | FLOAT |
| Units | dB |

Topology

Table 3-940 Topology

| Name | Value |
|------------------------------|---|
| Default | yes:notApplicable |
| Description | The type of topology - linear, ring, etc. |
| Displayed name | Topology |
| Mandatory on creation | yes |
| OSS name | topology |
| Read-only | no |
| Tab Panel | General Power Adjustment |
| Type | TopologyType |
| Enumerated types: | |
| Linear (Forced X-Conn Req'd) | |
| Not Applicable | |
| Ring (ASE Adjust) | |

Type

Table 3-941 Type

| Name | Value |
|-----------------------|--|
| Description | The type of power adjustment - linear, ring, dynamicTilt, etc. |
| Displayed name | Type |
| Mandatory on creation | yes |

Table 3-941 Type (continued)

| Name | Value |
|--------------------------|--------------------------|
| OSS name | powerAdjustType |
| Read-only | no |
| Tab Panel | General Power Adjustment |
| Type | PowerAdjType |
| Enumerated types: | |
| Dynamic Tilt | |
| Linear | |
| Ring | |

Equipment Alarm Profile parameters

Category

Table 3-942 Category

| Name | Value |
|--------------------------|----------------------|
| Description | The trap entity type |
| Displayed name | Category |
| Mandatory on creation | yes |
| OSS name | alarmEntityType |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapEntityType |
| Enumerated types: | |
| 100GBE | |
| 10GBE | |
| 1GBE | |
| 40GBE | |
| ALL | |
| BITS | |
| CBR10G3 | |
| CBR2G5 | |
| CBRAR | |
| COM | |

Table 3-942 Category (continued)

| Name | Value |
|--------------|-------|
| CPDPR | |
| CPLMP | |
| CPNEIGHBOR | |
| CPRSVP | |
| DBLINK | |
| DDR | |
| E1 | |
| ENV | |
| EQPT | |
| FC100 | |
| FC10G | |
| FC16G | |
| FC200 | |
| FC400 | |
| FC800 | |
| FE | |
| GMRENODE | |
| LAG | |
| LINEREF | |
| LOG | |
| LOODU | |
| LSP | |
| MEP | |
| NETIF | |
| OC12/STM4 | |
| OC192/STM64 | |
| OC3/STM1 | |
| OC48/STM16 | |
| OC768/STM256 | |
| OCH | |
| ODU0 | |
| ODU0TCM | |
| ODU1 | |

Table 3-942 Category (continued)

| Name | Value |
|----------------|-------|
| ODU1F | |
| ODU1FTCM | |
| ODU1ODU0 | |
| ODU1ODU0TCM | |
| ODU1PTF | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2EODU0 | |
| ODU2EODU0TCM | |
| ODU2EODU1 | |
| ODU2EODU1TCM | |
| ODU2EODUF | |
| ODU2EODUFTCM | |
| ODU2ETCM | |
| ODU2ODU0 | |
| ODU2ODU0TCM | |
| ODU2ODU1 | |
| ODU2ODU1TCM | |
| ODU2ODUF | |
| ODU2ODUFTCM | |
| ODU2TCM | |
| ODU3 | |
| ODU3E | |
| ODU3E2 | |
| ODU3E2ODU0 | |
| ODU3E2ODU0TCM | |
| ODU3E2ODU1 | |
| ODU3E2ODU1TCM | |
| ODU3E2ODU2 | |
| ODU3E2ODU2E | |
| ODU3E2ODU2ETCM | |
| ODU3E2ODU2TCM | |

Table 3-942 Category (continued)

| Name | Value |
|---------------|-------|
| ODU3E2ODUF | |
| ODU3E2ODUFTCM | |
| ODU3E2TCM | |
| ODU3EODU0 | |
| ODU3EODU0TCM | |
| ODU3EODU1 | |
| ODU3EODU1TCM | |
| ODU3EODU2 | |
| ODU3EODU2E | |
| ODU3EODU2ETCM | |
| ODU3EODU2TCM | |
| ODU3EODUF | |
| ODU3EODUFTCM | |
| ODU3ETCM | |
| ODU3ODU0 | |
| ODU3ODU0TCM | |
| ODU3ODU1 | |
| ODU3ODU1TCM | |
| ODU3ODU2 | |
| ODU3ODU2E | |
| ODU3ODU2ETCM | |
| ODU3ODU2TCM | |
| ODU3ODUF | |
| ODU3ODUFTCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4ODU0 | |
| ODU4ODU0TCM | |
| ODU4ODU1 | |
| ODU4ODU1F | |
| ODU4ODU1FTCM | |
| ODU4ODU1TCM | |
| ODU4ODU2 | |

Table 3-942 Category (continued)

| Name | Value |
|---------------|-------|
| ODU4ODU2E | |
| ODU4ODU2ETCM | |
| ODU4ODU2TCM | |
| ODU4ODU3 | |
| ODU4ODU3E | |
| ODU4ODU3E2 | |
| ODU4ODU3E2TCM | |
| ODU4ODU3ETCM | |
| ODU4ODU3TCM | |
| ODU4ODUF | |
| ODU4ODUFTCM | |
| ODU4TCM | |
| ODUF | |
| ODUFTCM | |
| OFA | |
| OMS | |
| OPTSG | |
| OTNFAC | |
| OTS | |
| OTU | |
| OTU0 | |
| OTU1 | |
| OTU1F | |
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E | |
| OTU3E2 | |
| OTU4 | |
| OTUODU0 | |
| OTUODU0TCM | |
| OTUODU1 | |
| OTUODU1F | |

Table 3-942 Category (continued)

| Name | Value |
|--------------|-------|
| OTUODU1TCM | |
| OTUODU2 | |
| OTUODU2E | |
| OTUODU2ETCM | |
| OTUODU2TCM | |
| OTUODU3 | |
| OTUODU3E | |
| OTUODU3E2 | |
| OTUODU3E2TCM | |
| OTUODU3ETCM | |
| OTUODU3TCM | |
| OTUODU4 | |
| OTUODU4TCM | |
| OTUOODU1FTCM | |
| PLK | |
| PM | |
| PTPCLOCK | |
| PTPPORT | |
| RMD | |
| RMDCESCHNNEL | |
| RMDIF | |
| RMDIFMAU | |
| RMDMEP | |
| RMDNIM | |
| SCLOCK | |
| SDR | |
| SESSION | |
| SRERP | |
| SRMEP | |
| SROAMSACTL | |
| SRSAP | |
| SRSVC | |
| SYNC | |

Table 3-942 Category (continued)

| Name | Value |
|--------|-------|
| TELINK | |
| TIMING | |
| TOD | |
| TRU | |
| VTS | |

Condition

Table 3-943 Condition

| Name | Value |
|--------------------------|--------------------|
| Description | The trap condition |
| Displayed name | Condition |
| Mandatory on creation | yes |
| OSS name | alarmCondition |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCondition |
| Enumerated types: | |
| aesFipsFailure | |
| aisLM | |
| aisLmsAis | |
| aisPauAis | |
| aisTcm | |
| alienEgrLOS | |
| allChanMiss | |
| allChanMissOut | |
| almRSync | |
| almRSyncEnd | |
| ampDisabled | |
| ampEol | |
| ANNOUNCELOSS | |
| apeInProgress | |
| APRFORCED | |

Table 3-943 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| aprInvalidTopo | |
| APRLIMITED | |
| aprLine | |
| aprNode | |
| aprOsc | |
| aprSwitch | |
| aprUnavail | |
| aprUnavailOsc | |
| apsB | |
| apsCm | |
| apsMm | |
| apsNoRed | |
| arcIND | |
| asonTopo | |
| auAisP | |
| auLopP | |
| authFail | |
| autoReset | |
| autoSwTimRef | |
| autoSwTimRefT4 | |
| autoSyncSw | |
| bISd | |
| backupUnavail | |
| backwardDefectIndicationEgress | |
| BADCLKFREQ | |
| baseline | |
| bdi | |
| bdiOdu | |
| bdiOduOut | |
| bdiTcm | |
| binsRolled | |
| bitsAIS | |
| bitsLof | |

Table 3-943 Condition (continued)

| Name | Value |
|--------------------|-------|
| bitsLos | |
| bitsMAN | |
| bkupCom | |
| boardEqpt | |
| brkTrip | |
| capBufr | |
| cardBoot | |
| CARDCLKOFFFREQ | |
| cardIdRcvd | |
| cardInBoot | |
| cardInit | |
| cardInitBcm | |
| cardInitFail | |
| cardInitNonBcm | |
| cardNotAllowed | |
| cardSanity | |
| cbr10G3RxLOS | |
| cbr10G3RxLSS | |
| ccActChg | |
| cfCapacityWarning | |
| cfmAisEvt | |
| cfmDmTestComplete | |
| cfmFltEvt | |
| cfmLbmTestComplete | |
| cfmLmTestComplete | |
| cfmLtmTestComplete | |
| cfmSlmTestComplete | |
| change | |
| channelViolation | |
| chkBkplane | |
| ckm | |
| clearAllTcas | |
| colorViolation | |

Table 3-943 Condition (continued)

| Name | Value |
|----------------|-------|
| comm | |
| commDeg | |
| commDown | |
| configFail | |
| CONFIGMM | |
| contBus | |
| contCom | |
| contComm | |
| contEqpt | |
| contEqptSplit | |
| contr | |
| contrDup | |
| contrenDgr | |
| contrenFail | |
| contrOut | |
| cpuPerformance | |
| crdInit | |
| crTca | |
| csf | |
| csfGfp | |
| CSFGFPOUT | |
| csfOduEgr | |
| csfOduOut | |
| dataErr | |
| dataFlt | |
| dbErr | |
| dbFl | |
| dbFt | |
| dbFull | |
| dbInvalid | |
| dbMemTrf | |
| dbUnsync | |
| dcConfigFail | |

Table 3-943 Condition (continued)

| Name | Value |
|-----------------|-------|
| deg | |
| degOtu | |
| degOut | |
| degTcm | |
| DELAYRESLOSS | |
| DISCOVERMOD | |
| dormantUser | |
| dwAis | |
| dwLof | |
| dwLom | |
| dwSd | |
| dwSf | |
| e1AisEgr | |
| e1AisL | |
| e1Lof | |
| e1LofEgr | |
| e1Los | |
| e1NoCrc4M | |
| e1NoCRC4MEgr | |
| e1Rai | |
| e1RaiEgr | |
| ebero | |
| egressSSF | |
| envInput1Active | |
| envInput2Active | |
| envInput3Active | |
| envInput4Active | |
| envInput5Active | |
| envInput6Active | |
| envInput7Active | |
| envInput8Active | |
| eptUploadErr | |
| eqpt | |

Table 3-943 Condition (continued)

| Name | Value |
|-------------------|-------|
| eqptCrypto | |
| eqptDgr | |
| eqptDgrMon | |
| eqptDgrOch | |
| eqptDgrOchOut | |
| eqptDgrOut | |
| eqptPort | |
| erpFwdStateChng | |
| ESCABLEMISMATCH1 | |
| ESCABLEMISMATCH10 | |
| ESCABLEMISMATCH11 | |
| ESCABLEMISMATCH12 | |
| ESCABLEMISMATCH13 | |
| ESCABLEMISMATCH14 | |
| ESCABLEMISMATCH15 | |
| ESCABLEMISMATCH16 | |
| ESCABLEMISMATCH17 | |
| ESCABLEMISMATCH18 | |
| ESCABLEMISMATCH19 | |
| ESCABLEMISMATCH2 | |
| ESCABLEMISMATCH20 | |
| ESCABLEMISMATCH21 | |
| ESCABLEMISMATCH22 | |
| ESCABLEMISMATCH23 | |
| ESCABLEMISMATCH24 | |
| ESCABLEMISMATCH3 | |
| ESCABLEMISMATCH4 | |
| ESCABLEMISMATCH5 | |
| ESCABLEMISMATCH6 | |
| ESCABLEMISMATCH7 | |
| ESCABLEMISMATCH8 | |
| ESCABLEMISMATCH9 | |
| escLatchFail | |

Table 3-943 Condition (continued)

| Name | Value |
|-------------------------|-------|
| esm | |
| ethCSF | |
| ethRingPathProvMismatch | |
| etrMismatch | |
| etrMismatchMod | |
| excessLoad | |
| excessLoss | |
| facServ | |
| facTerm | |
| facTermDev | |
| facTermDgr | |
| fan32HRqd | |
| fanSpeed | |
| fanSpeedHigh | |
| fanSpeedLow | |
| fanSpeedMan | |
| farEndLos | |
| faulty | |
| fdi | |
| fdiClt | |
| feAls | |
| feasibilityViolation | |
| fecEcSd | |
| fecFail | |
| fecUbcSd | |
| feFlt | |
| feLfi | |
| feLos | |
| feLss | |
| fePortMismatch | |
| fePrLf | |
| feRfi | |
| fipsFailure | |

Table 3-943 Condition (continued)

| Name | Value |
|-----------------|-------|
| fipsSwMismatch | |
| flt | |
| fpgaFail | |
| FPGAFAILNSA | |
| fpgaInit | |
| FPGAINIT1 | |
| FPGAINIT10 | |
| FPGAINIT2 | |
| FPGAINIT3 | |
| FPGAINIT4 | |
| FPGAINIT5 | |
| FPGAINIT6 | |
| FPGAINIT7 | |
| FPGAINIT8 | |
| FPGAINIT9 | |
| FPGAINITNSA1 | |
| FPGAINITNSA10 | |
| FPGAINITNSA2 | |
| FPGAINITNSA3 | |
| FPGAINITNSA4 | |
| FPGAINITNSA5 | |
| FPGAINITNSA6 | |
| FPGAINITNSA7 | |
| FPGAINITNSA8 | |
| FPGAINITNSA9 | |
| FPGAPRELOAD | |
| fpgaTimeout | |
| FPGATIMEOUTNSA | |
| frcdSwTimRef | |
| frcdSwTimRefT4 | |
| frcdWkSwBk | |
| frcdWkSwBkVTS1 | |
| frcdWkSwBkVTS10 | |

Table 3-943 Condition (continued)

| Name | Value |
|---------------------|-------|
| frcdWkSwBkVTS2 | |
| frcdWkSwBkVTS3 | |
| frcdWkSwBkVTS4 | |
| frcdWkSwBkVTS5 | |
| frcdWkSwBkVTS6 | |
| frcdWkSwBkVTS7 | |
| frcdWkSwBkVTS8 | |
| frcdWkSwBkVTS9 | |
| frcdWkSwPr | |
| frcdWkSwPrVTS1 | |
| frcdWkSwPrVTS10 | |
| frcdWkSwPrVTS2 | |
| frcdWkSwPrVTS3 | |
| frcdWkSwPrVTS4 | |
| frcdWkSwPrVTS5 | |
| frcdWkSwPrVTS6 | |
| frcdWkSwPrVTS7 | |
| frcdWkSwPrVTS8 | |
| frcdWkSwPrVTS9 | |
| FRCRFCKSEL | |
| frngSync | |
| FTD_ENCRYPT_15MIN | |
| FTD_ENCRYPT_1DAY | |
| FWMISMATCH | |
| fwPendingObsolete | |
| fwUpgradePending | |
| fwVersionNotDefault | |
| gfpLof | |
| GFPLOFOUT | |
| gfpSsf | |
| gfpUpm | |
| hdFail | |
| hdFull | |

Table 3-943 Condition (continued)

| Name | Value |
|--------------------------|-------|
| hiBer | |
| highGain | |
| hldOvrSync | |
| hpPlmP | |
| hpRdiP | |
| hpUneqP | |
| hwRevisionNotSupported | |
| igmpSnpgSrcLimitExceed | |
| imageNotReady | |
| incompatFan | |
| inhMsgPmRept | |
| init | |
| inMigration | |
| INSERTMOD | |
| int | |
| intErr | |
| intrusion | |
| intrusionEvt | |
| intSft | |
| intTemp | |
| intTempHigh | |
| intTempLow | |
| intTempOpt | |
| invalidEgress | |
| invalidThreshold | |
| invalidThresholdOms | |
| invalidThresholdOts | |
| invalidTopo | |
| inventoryError | |
| keyDomainErr | |
| lagDeg | |
| lagLos | |
| LAGMEMBERPORTSTATECHANGE | |

Table 3-943 Condition (continued)

| Name | Value |
|-------------------------|-------|
| lagPortAddFailed | |
| LAGPORTADDSUCCESS | |
| LAGSTATECHANGE | |
| lagSubGrpSelect | |
| lanLfi | |
| lanLol | |
| lanLos | |
| lanRfi | |
| lanSf | |
| laserBackFacetOptPwrTca | |
| laserCoolingCurTca | |
| laserEOL | |
| laserOffLpbk | |
| lck | |
| lckOut | |
| lckTcm | |
| ledState | |
| lfd | |
| lfiEgr | |
| linkDiversity | |
| linkDown | |
| linkoamLoopDetected | |
| linkoamNonThresh | |
| linkoamPeerChng | |
| linkUp | |
| loam | |
| lockedIndicationEgress | |
| lockoutOfPr | |
| lockoutOfPrVTS1 | |
| lockoutOfPrVTS10 | |
| lockoutOfPrVTS2 | |
| lockoutOfPrVTS3 | |
| lockoutOfPrVTS4 | |

Table 3-943 Condition (continued)

| Name | Value |
|-------------------|-------|
| lockoutOfPrVTS5 | |
| lockoutOfPrVTS6 | |
| lockoutOfPrVTS7 | |
| lockoutOfPrVTS8 | |
| lockoutOfPrVTS9 | |
| lockoutOfTimRef | |
| lockoutOfTimRefT4 | |
| lockoutToPr | |
| lof | |
| lofEgr | |
| lofLom | |
| lofLomOut | |
| lofO | |
| loGain | |
| logBuf90SecuLog | |
| logBufOvflSecuLog | |
| lol | |
| LOLA | |
| lopPauLop | |
| los | |
| losDcm | |
| losEdfa | |
| losLdSig | |
| losO | |
| losOamp | |
| losOcm | |
| losOms | |
| losOOut | |
| losOts | |
| losOut | |
| losP | |
| losPld | |
| lossOfLock | |

Table 3-943 Condition (continued)

| Name | Value |
|-----------------|-------|
| lostClock | |
| lotOut | |
| lpbkLine | |
| lpbkTerm | |
| lspFailedApe | |
| lspFailedPre | |
| lspFailedTp | |
| lspFailedUnprot | |
| lspFailedXc | |
| lsrOutDgr | |
| lss | |
| lssEgr | |
| ltcTcm | |
| man | |
| manLR | |
| manReset | |
| manSwTimRef | |
| manSwTimRefT4 | |
| manSwToInt | |
| manSwToPri | |
| manSwToSec | |
| manWkSwBk | |
| manWkSwBkVTS1 | |
| manWkSwBkVTS10 | |
| manWkSwBkVTS2 | |
| manWkSwBkVTS3 | |
| manWkSwBkVTS4 | |
| manWkSwBkVTS5 | |
| manWkSwBkVTS6 | |
| manWkSwBkVTS7 | |
| manWkSwBkVTS8 | |
| manWkSwBkVTS9 | |
| manWkSwPr | |

Table 3-943 Condition (continued)

| Name | Value |
|-------------------|-------|
| manWkSwPrVTS1 | |
| manWkSwPrVTS10 | |
| manWkSwPrVTS2 | |
| manWkSwPrVTS3 | |
| manWkSwPrVTS4 | |
| manWkSwPrVTS5 | |
| manWkSwPrVTS6 | |
| manWkSwPrVTS7 | |
| manWkSwPrVTS8 | |
| manWkSwPrVTS9 | |
| mepAIS | |
| mepError | |
| mepLoc | |
| mepMacError | |
| mepMmg | |
| mepRemote | |
| mepXcon | |
| mirrorDestDisable | |
| mirrorDestEnable | |
| mirrorSrcDisable | |
| mirrorSrcEnable | |
| mismatch | |
| mismatchFiber | |
| mismatchSfpXfp | |
| missing | |
| mixedPFUsed | |
| mjTca | |
| mnTca | |
| mod | |
| modOutOOR | |
| msim | |
| mtcesurv | |
| mtcesurvDgr | |

Table 3-943 Condition (continued)

| Name | Value |
|--------------------|-------|
| neAls | |
| neFlt | |
| neModeMismatch | |
| net | |
| netCraft | |
| neUnreachable | |
| nkm | |
| nodeDeg | |
| notUsed1 | |
| notUsed2 | |
| notUsed3 | |
| notUsed4 | |
| ntpChkSig | |
| ntpClkAdj | |
| ntpLor | |
| ntpOoSync | |
| nunvComm | |
| nunvConfig | |
| nunvIndetermined | |
| nunvReversion | |
| nunvTpBlocked | |
| nunvTransmission | |
| nvMismatch | |
| oaPumpBiasCurrHigh | |
| oaPumpTempHigh | |
| objCreated | |
| objDeleted | |
| ochCollision | |
| ochCollisionOut | |
| ochFdi | |
| ochIntErr | |
| ochKeyDup | |
| ochKeyOverlap | |

Table 3-943 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| ochKeysReused | |
| ochKeyUnavail | |
| ochMissing | |
| ochPdi | |
| ochPwrUnstable | |
| ochTrailDup | |
| ochTrailUnknown | |
| ochUnknown | |
| ochUnknownOut | |
| oci | |
| ociOut | |
| ociTcm | |
| ocsAuditFail | |
| ocsAuditSuccess | |
| ocsDataFlt | |
| ocsDataRtrv | |
| ocsUnavail | |
| ocsUplinkDeleted | |
| oduAis | |
| oduAisEgress | |
| oduAisOut | |
| omsSSF | |
| openConnectionIndicationEgress | |
| opr | |
| oprIngress | |
| oprLossHigh | |
| oprLossLow | |
| oprOOR | |
| oprOut | |
| oprPwrHigh | |
| oprPwrLow | |
| oprTx | |
| oprUnachieve | |

Table 3-943 Condition (continued)

| Name | Value |
|---------------------------|-------|
| opticalParamErr | |
| OPTICALTEST | |
| optIntBase | |
| optIntDet | |
| optIntSusp | |
| oscSsf | |
| OSNRMESC | |
| ospfAdj | |
| OTDRSCANFAIL | |
| OTDRSCANSUCCESS | |
| otmcpf | |
| otuAis | |
| ovrld | |
| PACKETCARDINIT | |
| payloadTypeMismatchEgress | |
| pcsGeneratorActive | |
| pdi | |
| pdiPauPdi | |
| PGFPGAFAIL1 | |
| PGFPGAFAIL2 | |
| PGFPGAFAIL3 | |
| PGFPGAFAIL4 | |
| PGFPGAFAIL5 | |
| PGFPGAINIT1 | |
| PGFPGAINIT2 | |
| PGFPGAINIT3 | |
| PGFPGAINIT4 | |
| PGFPGAINIT5 | |
| plm | |
| plmOduOut | |
| plmPauPlm | |
| ppsLos | |
| prcdrErr | |

Table 3-943 Condition (continued)

| Name | Value |
|-----------------|-------|
| prcdrErrOut | |
| prcdrErrTopo | |
| prcdrErrTopoOut | |
| PTPFREERUN | |
| PTPGMDEGRADE | |
| PTPGMSWITCH | |
| PTPPATHSWITCH | |
| PTPPORTSWITCH | |
| PTPREFLOSS | |
| PTPREFUNSTABLE | |
| pwr | |
| pwrAdjComms | |
| pwrAdjFail | |
| pwrAdjFailAdd | |
| pwrAdjFailDrp | |
| pwrAdjReq | |
| pwrAdjReqAdd | |
| pwrAdjReqDrp | |
| pwrAlmp | |
| pwrEdfaMargin | |
| pwrFan | |
| pwrMargin | |
| pwrMaxGain | |
| pwrMgtOff | |
| pwrSusp | |
| pwrSuspOut | |
| pwrTiltParams | |
| pwrTiltSusp | |
| pwrUnbalance | |
| pwrUnbalanceOms | |
| ramanSup | |
| rcvrOptProg | |
| rdi | |

Table 3-943 Condition (continued)

| Name | Value |
|----------------------|-------|
| rdiL | |
| readyToRevert | |
| REMOVEMOD | |
| replUnitMiss | |
| replUnitMissMOD | |
| reRouted | |
| restorationDisabled | |
| rfi | |
| rfiEgr | |
| rfiLmsRfi | |
| rfiPauRfi | |
| rmdCesChannelLPL | |
| rmdCesChannelNoTdmPl | |
| rmdCesChannelRPL | |
| rmdDiscoveredDevice | |
| rmdDNR | |
| rmdEQF | |
| rmdIfEFMLOP | |
| rmdIfLOS | |
| rmdIfMauANM | |
| rmdIfMauEQF | |
| rmdIfMauLOS | |
| rmdIfMauUNI | |
| rmdIfMauWUP | |
| rmdJbRecentered | |
| rmdMepLOC | |
| rmdMepMMG | |
| rmdMepRDI | |
| rmdMepUNL | |
| rmdMepUNM | |
| rmdMepUNP | |
| rmdNDF | |
| rmdNimLOF | |

Table 3-943 Condition (continued)

| Name | Value |
|---------------------------|-------|
| rmnPWR | |
| rmnTypeMismatch | |
| rmnUnknownEcid | |
| rmnWDP | |
| rmnWrongDestMac | |
| routeNotPossible | |
| sapOperDown | |
| sapStateChng | |
| sapTlsMacAddrLimitAlarm | |
| sd | |
| sdegO | |
| seepScrub | |
| serverSignalFailureEgress | |
| sf | |
| sfMismatch | |
| sfpEOL | |
| sfpReceiverPwrOOR | |
| sfpTempOOR | |
| sfpTrmtPwrOOR | |
| sft | |
| SHELFINCON | |
| shelfInVoltHigh | |
| shelfInVoltLow | |
| SHELFINVOLTMAXCUR | |
| signalDegradeEgress | |
| SLCBOOTCONTCOM | |
| SLCCARDINIT | |
| SLCCLKSYNC | |
| SLCCONTCOM | |
| SLCDATAFLT | |
| SLCEQPTBOOT | |
| SLCMISMATCH | |
| SLCNOTINSERVICE | |

Table 3-943 Condition (continued)

| Name | Value |
|------------------------|-------|
| slcr | |
| sltmSig | |
| SPIREADERROR | |
| spLoAdjFail | |
| srgDiversity | |
| srTca | |
| ssf | |
| ssfClEgr | |
| ssfOdu | |
| ssfOduOut | |
| ssfOduTp | |
| ssfOtu | |
| SSFSECTION | |
| SSFSECTIONOUT | |
| ssfTcm | |
| subNodeUnreachable | |
| SUSPECTCLKFREQ | |
| svcOperDown | |
| svcStateChng | |
| svcTlsFwdTblFullAlarm | |
| svcTlsMfibTblFullAlarm | |
| swEqpt | |
| swftDwn | |
| swMtxMod | |
| swToSec | |
| swUpgCommit | |
| swUpgFail | |
| swUpgrade | |
| sync | |
| syncActRef | |
| syncClk | |
| syncClkFail | |
| syncClkFrng | |

Table 3-943 Condition (continued)

| Name | Value |
|-----------------------|-------|
| syncClkHldovr | |
| syncClkMode | |
| syncClkUnit | |
| syncCommand | |
| syncEqpt | |
| syncIfTimingHoldover | |
| syncIfTimingRef1Alarm | |
| syncIfTimingRef2Alarm | |
| SYNCLOSS | |
| syncMode | |
| syncOos | |
| syncOosT4 | |
| syncRefFail | |
| syncRefUnEq | |
| syncStatChng | |
| syncSys | |
| syncSysOos | |
| syncT4Out | |
| sysBoot | |
| sysInit | |
| systemReady | |
| tBbeMs15Min | |
| tBbeMs1Day | |
| tBbeOdu15Min | |
| tBbeOdu15MinOut | |
| tBbeOdu1Day | |
| tBbeOdu1DayOut | |
| tBbeOtu15Min | |
| tBbeOtu1Day | |
| tBbeP15Min | |
| tBbeP1Day | |
| tBbePt15Min | |
| tBbePt1Day | |

Table 3-943 Condition (continued)

| Name | Value |
|------------------|-------|
| tBbeRs15Min | |
| tBbeRs1Day | |
| tBbeRst15Min | |
| tBbeRst1Day | |
| tBbeTcm15Min | |
| tBbeTcm1Day | |
| tBerPostFec15min | |
| tBerPostFec1day | |
| tBerPreFec15min | |
| tBerPreFec1day | |
| tBiaesOtu15Min | |
| tBiaesOtu1Day | |
| tBiaesTcm15Min | |
| tBiaesTcm1Day | |
| tcmAis | |
| tCv15Min | |
| tCv1Day | |
| tCvPcs15Min | |
| tCvPcs1Day | |
| tCvPcst15Min | |
| tCvPcst1Day | |
| tCvs15Min | |
| tCvs1Day | |
| tCvst15Min | |
| tCvst1Day | |
| termOc192stm64 | |
| termOc312stm14 | |
| termOc48stm16 | |
| termOtu1 | |
| termOtu2 | |
| tEs15Min | |
| tEs1Day | |
| tEsL15Min | |

Table 3-943 Condition (continued)

| Name | Value |
|-----------------|-------|
| tEsL1Day | |
| tEsMs15Min | |
| tEsMs1Day | |
| tEsOdu15Min | |
| tEsOdu15MinOut | |
| tEsOdu1Day | |
| tEsOdu1DayOut | |
| tEsOtu15Min | |
| tEsOtu1Day | |
| tEsP15Min | |
| tEsP1Day | |
| tEsPcs15Min | |
| tEsPcs1Day | |
| tEsPcst15Min | |
| tEsPcst1Day | |
| tEsPt15Min | |
| tEsPt1Day | |
| tEsRs15Min | |
| tEsRs1Day | |
| tEsRst15Min | |
| tEsRst1Day | |
| tEss15Min | |
| tEss1Day | |
| tEsst15Min | |
| tEsst1Day | |
| tEsTcm15Min | |
| tEsTcm1Day | |
| testMode | |
| tEthpkter15Min | |
| tEthpkter1Day | |
| tEthpktert15Min | |
| tEthpktert1Day | |
| tFebbeMs15Min | |

Table 3-943 Condition (continued)

| Name | Value |
|-------------------|-------|
| tFebbeMs1Day | |
| tFebbeOdu15Min | |
| tFeBbeOdu15MinOut | |
| tFebbeOdu1Day | |
| tFeBbeOdu1DayOut | |
| tFebbeOtu15Min | |
| tFebbeOtu1Day | |
| tFebbeTcm15Min | |
| tFebbeTcm1Day | |
| tFecc15Min | |
| tFecc1Day | |
| tFecUbc15Min | |
| tFecUbc1Day | |
| tFecUbu15Min | |
| tFecUbu1Day | |
| tFeesMs15Min | |
| tFeesMs1Day | |
| tFeesOdu15Min | |
| tFeEsOdu15MinOut | |
| tFeesOdu1Day | |
| tFeEsOdu1DayOut | |
| tFeesOtu15Min | |
| tFeesOtu1Day | |
| tFeesTcm15Min | |
| tFeesTcm1Day | |
| tFesesMs15Min | |
| tFesesMs1Day | |
| tFesesOdu15Min | |
| tFeSesOdu15MinOut | |
| tFesesOdu1Day | |
| tFeSesOdu1DayOut | |
| tFesesOtu15Min | |
| tFesesOtu1Day | |

Table 3-943 Condition (continued)

| Name | Value |
|-------------------|-------|
| tFesesTcm15Min | |
| tFesesTcm1Day | |
| tFeuasMs15Min | |
| tFeuasMs1Day | |
| tFeuasOdu15Min | |
| tFeUasOdu15MinOut | |
| tFeuasOdu1Day | |
| tFeUasOdu1DayOut | |
| tFeuasOtu15Min | |
| tFeuasOtu1Day | |
| tFeuasTcm15Min | |
| tFeuasTcm1Day | |
| tIaesOtu15Min | |
| tIaesOtu1Day | |
| tIaesTcm15Min | |
| tIaesTcm1Day | |
| tim | |
| timOdu | |
| timOduOut | |
| timTcm | |
| toDDEG | |
| toDL0S | |
| TODREFUNSTABLE | |
| tOprh15Min | |
| tOprh1Day | |
| tOprhLane1 | |
| tOprhLane10 | |
| tOprhLane2 | |
| tOprhLane3 | |
| tOprhLane4 | |
| tOprhLane5 | |
| tOprhLane6 | |
| tOprhLane7 | |

Table 3-943 Condition (continued)

| Name | Value |
|-------------|-------|
| tOprhLane8 | |
| tOprhLane9 | |
| tOprl15Min | |
| tOprl1Day | |
| tOprlLane1 | |
| tOprlLane10 | |
| tOprlLane2 | |
| tOprlLane3 | |
| tOprlLane4 | |
| tOprlLane5 | |
| tOprlLane6 | |
| tOprlLane7 | |
| tOprlLane8 | |
| tOprlLane9 | |
| tOph15Min | |
| tOph1Day | |
| tOphLane1 | |
| tOphLane10 | |
| tOphLane2 | |
| tOphLane3 | |
| tOphLane4 | |
| tOphLane5 | |
| tOphLane6 | |
| tOphLane7 | |
| tOphLane8 | |
| tOphLane9 | |
| tOptl15Min | |
| tOptl1Day | |
| tOptlLane1 | |
| tOptlLane10 | |
| tOptlLane2 | |
| tOptlLane3 | |
| tOptlLane4 | |

Table 3-943 Condition (continued)

| Name | Value |
|-------------------|-------|
| tOptiLane5 | |
| tOptiLane6 | |
| tOptiLane7 | |
| tOptiLane8 | |
| tOptiLane9 | |
| tPmonDmaBfd15Min | |
| tPmonDmaBfd1Day | |
| tPmonDmaffd15Min | |
| tPmonDmaffd1Day | |
| tPmonDmafFdv15Min | |
| tPmonDmafFdv1Day | |
| tPmonDmanfd15Min | |
| tPmonDmanfd1Day | |
| tPmonDmanFdv15Min | |
| tPmonDmanFdv1Day | |
| tPmonDmxBfd15Min | |
| tPmonDmxBfd1Day | |
| tPmonDmxffd15Min | |
| tPmonDmxffd1Day | |
| tPmonDmxFdv15Min | |
| tPmonDmxFdv1Day | |
| tPmonDmxnfd15Min | |
| tPmonDmxnfd1Day | |
| tPmonDmxnFdv15Min | |
| tPmonDmxnFdv1Day | |
| tPmonLmafflr15Min | |
| tPmonLmafflr1Day | |
| tPmonLmanflr15Min | |
| tPmonLmanflr1Day | |
| tPmonLmfhli15Min | |
| tPmonLmfhli1Day | |
| tPmonLmnhli15Min | |
| tPmonLmnhli1Day | |

Table 3-943 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonLmxfflr15Min | |
| tPmonLmxfflr1Day | |
| tPmonLmxnflr15Min | |
| tPmonLmxnflr1Day | |
| tPmonPortHighCapacityOctets15Min | |
| tPmonPortHighCapacityOctets1Day | |
| tPmonPortHighCapacityPkts15Min | |
| tPmonPortHighCapacityPkts1Day | |
| tPmonPortIfInDiscards15Min | |
| tPmonPortIfInDiscards1Day | |
| tPmonPortIfInErrors15Min | |
| tPmonPortIfInErrors1Day | |
| tPmonPortIfInOctets15Min | |
| tPmonPortIfInOctets1Day | |
| tPmonPortIfInPackets | |
| tPmonPortIfInPackets15Min | |
| tPmonPortIfOutDiscards15Min | |
| tPmonPortIfOutDiscards1Day | |
| tPmonPortIfOutErrors15Min | |
| tPmonPortIfOutErrors1Day | |
| tPmonPortIfOutOctets15Min | |
| tPmonPortIfOutOctets1Day | |
| tPmonPortIfOutPackets15Min | |
| tPmonPortIfOutPackets1Day | |
| tPmonPortQueue1OctetsDropped15Min | |
| tPmonPortQueue1OctetsDropped1Day | |
| tPmonPortQueue1PktsDropped15Min | |
| tPmonPortQueue1PktsDropped1Day | |
| tPmonPortQueue2OctetsDropped15Min | |
| tPmonPortQueue2OctetsDropped1Day | |
| tPmonPortQueue2PktsDropped15Min | |
| tPmonPortQueue2PktsDropped1Day | |
| tPmonPortQueue3OctetsDropped15Min | |

Table 3-943 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortQueue3OctetsDropped1Day | |
| tPmonPortQueue3PktsDropped15Min | |
| tPmonPortQueue3PktsDropped1Day | |
| tPmonPortQueue4OctetsDropped15Min | |
| tPmonPortQueue4OctetsDropped1Day | |
| tPmonPortQueue4PktsDropped15Min | |
| tPmonPortQueue4PktsDropped1Day | |
| tPmonPortQueue5OctetsDropped15Min | |
| tPmonPortQueue5OctetsDropped1Day | |
| tPmonPortQueue5PktsDropped15Min | |
| tPmonPortQueue5PktsDropped1Day | |
| tPmonPortQueue6OctetsDropped15Min | |
| tPmonPortQueue6OctetsDropped1Day | |
| tPmonPortQueue6PktsDropped15Min | |
| tPmonPortQueue6PktsDropped1Day | |
| tPmonPortQueue7OctetsDropped15Min | |
| tPmonPortQueue7OctetsDropped1Day | |
| tPmonPortQueue7PktsDropped15Min | |
| tPmonPortQueue7PktsDropped1Day | |
| tPmonPortQueue8OctetsDropped15Min | |
| tPmonPortQueue8OctetsDropped1Day | |
| tPmonPortQueue8PktsDropped15Min | |
| tPmonPortQueue8PktsDropped1Day | |
| tPmonSapIngressOctetsDropped15Min | |
| tPmonSapIngressOctetsDropped1Day | |
| tPmonSapIngressPktsDropped15Min | |
| tPmonSapIngressPktsDropped1Day | |
| tPmonSlmafflr15Min | |
| tPmonSlmafFlr1Day | |
| tPmonSlmafflrContinuous | |
| tPmonSlmanflr15Min | |
| tPmonSlmanFlr1Day | |
| tPmonSlmanflrContinuous | |

Table 3-943 Condition (continued)

| Name | Value |
|------------------------------------|-------|
| tPmonSImfhli15Min | |
| tPmonSImfhli1Day | |
| tPmonSImfhliContinuous | |
| tPmonSImnhli15Min | |
| tPmonSImnhli1Day | |
| tPmonSImnhliContinuous | |
| tPmonSImxfFlr1Day | |
| tPmonSImxflrContinuous | |
| tPmonSImxnFlr1Day | |
| tPmonSImxnflrContinuous | |
| tPostFec15Min | |
| tPostFec1Day | |
| tPreFec15Min | |
| tPreFec1Day | |
| trailTraceIdentifierMismatchEgress | |
| transferLogFL | |
| transferLogFT | |
| transferLogIP | |
| trmt | |
| trmtMOD | |
| TRUBRKROPEN | |
| tSefs15Min | |
| tSefs1Day | |
| tSefsPcs15Min | |
| tSefsPcs1Day | |
| tSefsPcst15Min | |
| tSefsPcst1Day | |
| tSefss15Min | |
| tSefss1Day | |
| tSefsst15Min | |
| tSefsst1Day | |
| tSes15Min | |
| tSes1Day | |

Table 3-943 Condition (continued)

| Name | Value |
|-----------------|-------|
| tSesL15Min | |
| tSesL1Day | |
| tSesMs15Min | |
| tSesMs1Day | |
| tSesOdu15Min | |
| tSesOdu15MinOut | |
| tSesOdu1Day | |
| tSesOdu1DayOut | |
| tSesOtu15Min | |
| tSesOtu1Day | |
| tSesP15Min | |
| tSesP1Day | |
| tSesPcs15Min | |
| tSesPcs1Day | |
| tSesPest15Min | |
| tSesPest1Day | |
| tSesPt15Min | |
| tSesPt1Day | |
| tSesRs15Min | |
| tSesRs1Day | |
| tSesRst15Min | |
| tSesRst1Day | |
| tSess15Min | |
| tSess1Day | |
| tSesst15Min | |
| tSesst1Day | |
| tSesTcm15Min | |
| tSesTcm1Day | |
| tsMismatch | |
| tsMismatchOut | |
| tUasMs15Min | |
| tUasMs1Day | |
| tUasOdu15Min | |

Table 3-943 Condition (continued)

| Name | Value |
|-----------------|-------|
| tUasOdu15MinOut | |
| tUasOdu1Day | |
| tUasOdu1DayOut | |
| tUasOtu15Min | |
| tUasOtu1Day | |
| tUasP15Min | |
| tUasP1Day | |
| tUasPt15Min | |
| tUasPt1Day | |
| tUasRs15Min | |
| tUasRs1Day | |
| tUasRst15Min | |
| tUasRst1Day | |
| tUasTcm15Min | |
| tUasTcm1Day | |
| unexWkSet | |
| unknown | |
| unknownNotif | |
| unknownSfpXfp | |
| unL | |
| unM | |
| unMOrUnP | |
| unP | |
| unPr | |
| upm | |
| uruOchLos | |
| uruOmsRx | |
| uruOmsTx | |
| uruOtsLos | |
| uruOtsRx | |
| uruOtsTx | |
| uruOtu | |
| uruS | |

Table 3-943 Condition (continued)

| Name | Value |
|------------------|-------|
| usAis | |
| usAls | |
| userEqptMismatch | |
| usFlt | |
| usIdle | |
| usLos | |
| usOchCollision | |
| usSFEber | |
| vcgDown | |
| vcgLoa | |
| vcgMap | |
| vcgSsf | |
| vcMfi | |
| voltage | |
| voltageHigh | |
| voltageLow | |
| vtsConnCreation | |
| vtsFdi | |
| vtsFdi1 | |
| vtsFdi10 | |
| vtsFdi11 | |
| vtsFdi12 | |
| vtsFdi13 | |
| vtsFdi14 | |
| vtsFdi15 | |
| vtsFdi16 | |
| vtsFdi17 | |
| vtsFdi18 | |
| vtsFdi19 | |
| vtsFdi2 | |
| vtsFdi20 | |
| vtsFdi21 | |
| vtsFdi22 | |

Table 3-943 Condition (continued)

| Name | Value |
|----------|-------|
| vtsFdi23 | |
| vtsFdi24 | |
| vtsFdi25 | |
| vtsFdi26 | |
| vtsFdi27 | |
| vtsFdi28 | |
| vtsFdi29 | |
| vtsFdi3 | |
| vtsFdi30 | |
| vtsFdi31 | |
| vtsFdi32 | |
| vtsFdi4 | |
| vtsFdi5 | |
| vtsFdi6 | |
| vtsFdi7 | |
| vtsFdi8 | |
| vtsFdi9 | |
| vtsOci | |
| vtsOci1 | |
| vtsOci10 | |
| vtsOci11 | |
| vtsOci12 | |
| vtsOci13 | |
| vtsOci14 | |
| vtsOci15 | |
| vtsOci16 | |
| vtsOci17 | |
| vtsOci18 | |
| vtsOci19 | |
| vtsOci2 | |
| vtsOci20 | |
| vtsOci21 | |
| vtsOci22 | |

Table 3-943 Condition (continued)

| Name | Value |
|-------------------|-------|
| vtsOci23 | |
| vtsOci24 | |
| vtsOci25 | |
| vtsOci26 | |
| vtsOci27 | |
| vtsOci28 | |
| vtsOci29 | |
| vtsOci3 | |
| vtsOci30 | |
| vtsOci31 | |
| vtsOci32 | |
| vtsOci4 | |
| vtsOci5 | |
| vtsOci6 | |
| vtsOci7 | |
| vtsOci8 | |
| vtsOci9 | |
| warnTca | |
| wkSwBk | |
| wkSwPr | |
| wkSwPrVTS1 | |
| wkSwPrVTS10 | |
| wkSwPrVTS2 | |
| wkSwPrVTS3 | |
| wkSwPrVTS4 | |
| wkSwPrVTS5 | |
| wkSwPrVTS6 | |
| wkSwPrVTS7 | |
| wkSwPrVTS8 | |
| wkSwPrVTS9 | |
| wtocmaPoutRanOsnr | |
| wtr | |

Default Severity**Table 3-944 Default Severity**

| Name | Value |
|--------------------------|------------------|
| Description | Default severity |
| Displayed name | Default Severity |
| Mandatory on creation | yes |
| OSS name | defaultSeverity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

Override Severity**Table 3-945 Override Severity**

| Name | Value |
|--------------------------|-------------------|
| Description | Override severity |
| Displayed name | Override Severity |
| OSS name | severity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |

Table 3-945 Override Severity (continued)

| Name | Value |
|---------------|-------|
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

Ethernet Port parameters

Access Egress

Table 3-946 Access Egress

| Name | Value |
|----------------|---------------------------|
| Default | yes: |
| Displayed name | Access Egress |
| OSS name | accEgrShaperPolicyPointer |
| Read-only | no |
| Tab Panel | Ethernet Shaper Policy |
| Type | POINTER |

Actual Duplex

Table 3-947 Actual Duplex

| Name | Value |
|----------------|---------------|
| Default | yes:hd10 |
| Displayed name | Actual Duplex |
| OSS name | actualDuplex |

Table 3-947 Actual Duplex (continued)

| Name | Value |
|--------------------------|--|
| Read-only | yes |
| Tab Panel | Ethernet Advertised Capability With AutoNegotiate Disabled |
| Type | AdverCapability |
| Enumerated types: | |
| 0 | |
| 10 Mb/s - Full-Duplex | |
| 10 Mb/s - Half-Duplex | |
| 100 Mb/s - Full-Duplex | |
| 100 Mb/s - Half-Duplex | |
| 1000 Mb/s - Full-Duplex | |
| No Link | |

Actual Duplex**Table 3-948 Actual Duplex**

| Name | Value |
|--------------------------|---|
| Default | yes:hd10 |
| Displayed name | Actual Duplex |
| OSS name | actualDuplex |
| Read-only | yes |
| Tab Panel | Ethernet Advertised Capability With AutoNegotiate Enabled |
| Type | AdverCapability |
| Enumerated types: | |
| 0 | |
| 10 Mb/s - Full-Duplex | |
| 10 Mb/s - Half-Duplex | |
| 100 Mb/s - Full-Duplex | |
| 100 Mb/s - Half-Duplex | |
| 1000 Mb/s - Full-Duplex | |
| No Link | |

Advertised Capability
Table 3-949 Advertised Capability

| Name | Value |
|--------------------------|--|
| Default | yes:0 |
| Description | BITS { bOther (0), b10baseT (1), b10baseTFD (2), b100baseT4 (3), b100baseTX (4), b100baseTXFD (5), b100baseT2 (6), b100baseT2FD (7), bfdxPause (8), bfdxAPause (9), bfdxSPause (10), bfdxBPause (11), b1000baseX (12), b1000baseXFD (13), b1000baseT (14), b1000baseTFD (15) } |
| Displayed name | Advertised Capability |
| OSS name | addressedCapability |
| Read-only | no |
| Tab Panel | Ethernet Advertised Capability With AutoNegotiate Enabled |
| Type | MPR_AutoAddrCapability |
| Enumerated types: | |
| | 10 Mb/s - Full-Duplex |
| | 10 Mb/s - Half-Duplex |
| | 100 Mb/s - Full-Duplex |
| | 100 Mb/s - Half-Duplex |
| | 1000 Mb/s - Full-Duplex |
| | Flow Control |

Advertised Capability**Table 3-950 Advertised Capability**

| Name | Value |
|--------------------------|--|
| Default | yes:hd10 |
| Displayed name | Advertised Capability |
| OSS name | advertisedCapability |
| Read-only | no |
| Tab Panel | Ethernet Advertised Capability With AutoNegotiate Disabled |
| Type | AdverCapability |
| Enumerated types: | |
| | 0 |
| | 10 Mb/s - Full-Duplex |
| | 10 Mb/s - Half-Duplex |
| | 100 Mb/s - Full-Duplex |

Table 3-950 Advertised Capability (continued)

| Name | Value |
|-------------------------|-------|
| 100 Mb/s - Half-Duplex | |
| 1000 Mb/s - Full-Duplex | |
| No Link | |

Aggregate Rate Limit**Table 3-951 Aggregate Rate Limit**

| Name | Value |
|-----------------------|---|
| Default | yes:-1 |
| Description | The value of tmnxPortEtherNwAggRateLimit in kbps is used to cap network traffic on a hybrid port. |
| Displayed name | Aggregate Rate Limit |
| Mandatory on creation | no |
| Maximum | 100000000 |
| Minimum | -1 |
| OSS name | aggregateRateLimit |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | INT |
| Units | kbps |

Authenticate**Table 3-952 Authenticate**

| Name | Value |
|--------------------------|------------------------|
| Default | yes:disable |
| Displayed name | Authenticate |
| OSS name | mobilePortAuthenticate |
| Read-only | no |
| Tab Panel | Ethernet Port Mobility |
| Type | MobilePortAuthType |
| Enumerated types: | |
| Disable | |

Table 3-952 Authenticate (continued)

| Name | Value |
|------------------|-------|
| Enable 802.1x | |
| Enable Auth VLAN | |
| Not Applicable | |

Auto-negotiate**Table 3-953 Auto-negotiate**

| Name | Value |
|----------------|------------------|
| Default | yes:true |
| Displayed name | Auto-negotiate |
| OSS name | autoNegotiate |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | INT |

Broadcast Frame Rate**Table 3-954 Broadcast Frame Rate**

| Name | Value |
|----------------|--|
| Default | yes:100 |
| Description | This attribute is applicable to MPR 9500. This attribute carries out 'on per port basis' ingress admitted broadcast traffic rate (the threshold value of broadcast traffic rate as admitted on this ingress interface). This value is requested to trigger discarding of NE generated broadcast traffic on this ingress interface and is minor or equal to that specified in ifSpeed for this interface. |
| Displayed name | Broadcast Frame Rate |
| Maximum | 16777215 |
| Minimum | 0 |
| OSS name | broadcastFrameRate |
| Read-only | no |
| Tab Panel | Ethernet Storm Control |
| Type | LONG |
| Units | framesec |

Broadcast Limit
Table 3-955 Broadcast Limit

| Name | Value |
|-----------------------|---|
| Default | yes:-1 |
| Description | The broadcast limit in Kilo-bits per second. This protects the switch against massive reception of broadcast (and multicast) packets. A value of -1 signified no broadcast limit. |
| Displayed name | Broadcast Limit |
| Mandatory on creation | no |
| Maximum | 102400 |
| Minimum | -1 |
| OSS name | broadcastLimit |
| Read-only | no |
| Tab Panel | Ethernet Flow Control |
| Type | LONG |
| Units | kbps |

CFM LoopBack Mode**Table 3-956 CFM LoopBack Mode**

| Name | Value |
|--------------------------|-------------------|
| Default | yes:disabled |
| Displayed name | CFM LoopBack Mode |
| OSS name | cfmlbMode |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | LoopBackCfmlbMode |
| Enumerated types: | |
| Disabled | |
| Priority-Dot1p | |
| Priority-High | |
| Priority-Low | |

CFM LoopBack VLAN Range
Table 3-957 CFM LoopBack VLAN Range

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | specifies the list of Vlan Ids to be enabled for CFM loopback when cfmlbMode is priority-dot1p. |
| Displayed name | CFM LoopBack VLAN Range |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | cfmlbVlanList |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | STRING |

Connection Type**Table 3-958 Connection Type**

| Name | Value |
|--------------------------|---|
| Default | yes:sfp |
| Description | Specifies the hardware connection that is used by the port. |
| Displayed name | Connection Type |
| OSS name | sasEtherConnectorType |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | SasEtherConnectorType |
| Enumerated types: | |
| Auto - Copper | |
| Auto - SFP | |
| Copper | |
| SFP | |

Connection Type (Operational)
Table 3-959 Connection Type (Operational)

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:sfp |
| Displayed name | Connection Type (Operational) |
| OSS name | operSasEtherConnectorType |
| Read-only | yes |
| Tab Panel | Ethernet General |
| Type | SasEtherConnectorType |
| Enumerated types: | |
| Auto - Copper | |
| Auto - SFP | |
| Copper | |
| SFP | |

Connector Type**Table 3-960 Connector Type**

| Name | Value |
|--------------------------|--|
| Default | yes:sfp |
| Description | Specifies whether the ethernet physical interface is in SFP or RJ45. |
| Displayed name | Connector Type |
| OSS name | etherConnectorType |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | EtherConnectorType |
| Enumerated types: | |
| RJ-45 | |
| SFP | |

CRC SD Threshold**Table 3-961 CRC SD Threshold**

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 3-961 CRC SD Threshold (continued)

| Name | Value |
|----------------|--|
| Description | The value of sdThreshold specifies a packet error rate threshold used to determine when to send a tnnxEqPortEtherCrcAlarm notification for a CRC Signal Degradation (SD) failure and tnnxEqPortEtherCrcAlarmClear notification for a CRC SD failure clear. The CRC SD error rate threshold is calculated as: $sdThresholdMultiplier * 10e-sdThreshold$. |
| Displayed name | CRC SD Threshold |
| Maximum | 9 |
| Minimum | 0 |
| OSS name | sdThreshold |
| Read-only | no |
| Tab Panel | Ethernet CRC Failure |
| Type | INT |

CRC SD Threshold Multiplier**Table 3-962 CRC SD Threshold Multiplier**

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | The value of sdThresholdMultiplier specifies the sdThreshold multiplier. |
| Displayed name | CRC SD Threshold Multiplier |
| Maximum | 9 |
| Minimum | 1 |
| OSS name | sdThresholdMultiplier |
| Read-only | no |
| Tab Panel | Ethernet CRC Failure |
| Type | INT |

CRC SF Threshold**Table 3-963 CRC SF Threshold**

| Name | Value |
|-------------|--|
| Default | yes:0 |
| Description | The value of sfThreshold specifies a packet error rate threshold used to determine when to send a tnnxEqPortEtherCrcAlarm notification for a CRC Signal Failure (SF) failure and tnnxEqPortEtherCrcAlarmClear notification for a CRC SF failure clear. The CRC SF error rate threshold is calculated as: $sfThresholdMultiplier * 10e-sfThreshold$. |

Table 3-963 CRC SF Threshold (continued)

| Name | Value |
|----------------|----------------------|
| Displayed name | CRC SF Threshold |
| Maximum | 9 |
| Minimum | 0 |
| OSS name | sfThreshold |
| Read-only | no |
| Tab Panel | Ethernet CRC Failure |
| Type | INT |

CRC SF Threshold Multiplier**Table 3-964 CRC SF Threshold Multiplier**

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | The value of sfThresholdMultiplier specifies the sfThreshold multiplier. |
| Displayed name | CRC SF Threshold Multiplier |
| Maximum | 9 |
| Minimum | 1 |
| OSS name | sfThresholdMultiplier |
| Read-only | no |
| Tab Panel | Ethernet CRC Failure |
| Type | INT |

Default VLAN**Table 3-965 Default VLAN**

| Name | Value |
|----------------|------------------------|
| Displayed name | Default VLAN |
| OSS name | mobilePortCfgDefVlan |
| Read-only | yes |
| Tab Panel | Ethernet Port Mobility |
| Type | INT |

Default VLAN Enable**Table 3-966 Default VLAN Enable**

| Name | Value |
|--------------------------|------------------------|
| Default | yes:notApplicable |
| Displayed name | Default VLAN Enable |
| OSS name | defaultVlanEnable |
| Read-only | no |
| Tab Panel | Ethernet Port Mobility |
| Type | MobilePortType |
| Enumerated types: | |
| Disable | |
| Enable | |
| Not Applicable | |

Default VLAN Restore**Table 3-967 Default VLAN Restore**

| Name | Value |
|--------------------------|------------------------|
| Default | yes:notApplicable |
| Displayed name | Default VLAN Restore |
| OSS name | defaultVlanRestore |
| Read-only | no |
| Tab Panel | Ethernet Port Mobility |
| Type | MobilePortType |
| Enumerated types: | |
| Disable | |
| Enable | |
| Not Applicable | |

Destination MAC Address**Table 3-968 Destination MAC Address**

| Name | Value |
|----------------|-------------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Destination MAC Address |

Table 3-968 Destination MAC Address (continued)

| Name | Value |
|-------------|-----------------------------|
| OSS name | dstMacAddress |
| Read-only | no |
| Tab Panel | Ethernet Timed Loopback MAC |
| Type | MACADDR |

Detection**Table 3-969 Detection**

| Name | Value |
|-----------------------|--|
| Default | yes:0 |
| Description | Enabling crossover detection allows the interconnection of any combination of MDI/MDIX ports using either type of cable. |
| Displayed name | Detection |
| Mandatory on creation | no |
| OSS name | mdiMdxCrossoverDetection |
| Read-only | no |
| Tab Panel | Ethernet MDI/MDIX Crossover |
| Type | INT |

Detection Status**Table 3-970 Detection Status**

| Name | Value |
|--------------------------|---|
| Default | yes:3 |
| Description | The operational status of MDI/MDIX crossover detection. See <code>mdiMdxCrossoverDetection</code> . |
| Displayed name | Detection Status |
| OSS name | mdiMdxCrossoverDetectionStatus |
| Read-only | yes |
| Tab Panel | Ethernet MDI/MDIX Crossover |
| Type | MdiMdxCrossoverStatus |
| Enumerated types: | |
| MDI | |
| MDIX | |

Dot1 Q Acceptable Frames

Table 3-971 Dot1 Q Acceptable Frames

| Name | Value |
|-----------------------|---------------------------|
| Default | yes:admitAll |
| Displayed name | Dot1 Q Acceptable Frames |
| Mandatory on creation | no |
| OSS name | dot1qAcceptableFrameTypes |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | INT |

Dot1 Q Ethertype

Table 3-972 Dot1 Q Ethertype

| Name | Value |
|-----------------------|------------------|
| Default | yes:33024 |
| Displayed name | Dot1 Q Ethertype |
| Mandatory on creation | no |
| Maximum | 65535 |
| Minimum | 1536 |
| OSS name | dot1qEtype |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | INT |

Down on Internal MAC Tx Error

Table 3-973 Down on Internal MAC Tx Error

| Name | Value |
|----------------|---|
| Default | yes:disabled |
| Description | The value of downOnInternalError specifies whether or not the port is monitored for excessive internal MAC tx errors. |
| Displayed name | Down on Internal MAC Tx Error |
| OSS name | downOnInternalError |
| Read-only | no |

Table 3-973 Down on Internal MAC Tx Error (continued)

| Name | Value |
|-------------|-------------------------|
| Tab Panel | Ethernet General |
| Type | generic.EnabledDisabled |

Down When Looped

Table 3-974 Down When Looped

| Name | Value |
|--------------------------|--------------------|
| Default | yes:disabled |
| Displayed name | Down When Looped |
| OSS name | downWhenLooped |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | DownWhenLoopedType |
| Enumerated types: | |
| Disabled | |
| Enabled | |

Down When Looped Status

Table 3-975 Down When Looped Status

| Name | Value |
|--------------------------|---|
| Default | yes:noLoopDetected |
| Displayed name | Down When Looped Status |
| OSS name | downWhenLoopedState |
| Read-only | no |
| Tab Panel | Ethernet Down When Looped Configuration |
| Type | DownWhenLoopedState |
| Enumerated types: | |
| Loop Detected | |
| No Loop Detected | |

Duplex
Table 3-976 Duplex

| Name | Value |
|-----------------------|---|
| Default | yes:1 |
| Description | duplex is ignored if autoNegotiate is set to true. Some combinations of speed and duplex are invalid, for instance when speed=1000 and duplex=halfDuplex. |
| Displayed name | Duplex |
| Mandatory on creation | no |
| OSS name | duplex |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | INT |

Duplex(Actual)**Table 3-977 Duplex(Actual)**

| Name | Value |
|-----------------------|-------------------|
| Default | yes:0 |
| Displayed name | Duplex(Actual) |
| Mandatory on creation | no |
| OSS name | operationalDuplex |
| Read-only | yes |
| Tab Panel | Ethernet General |
| Type | INT |

Egress CIR**Table 3-978 Egress CIR**

| Name | Value |
|----------------|---|
| Default | yes:64 |
| Description | This attribute is applicable to MPR 9500 only. This attribute carries out the egress shaping rate (sustained rate permitted by egress traffic shaping) in kbit/sec. |
| Displayed name | Egress CIR |
| Maximum | 16777152 |
| Minimum | 0 |

Table 3-978 Egress CIR (continued)

| Name | Value |
|-------------|----------------------------|
| OSS name | egressCir |
| Read-only | no |
| Step | 64 |
| Tab Panel | Ethernet Port Rate Limiter |
| Type | INT |
| Units | Kbps |

Egress Enabled**Table 3-979 Egress Enabled**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | This attribute is applicable to MPR 9500. This is used for enabling the egress port rate limiting. |
| Displayed name | Egress Enabled |
| OSS name | egressEnabled |
| Read-only | no |
| Tab Panel | Ethernet Port Rate Limiter |
| Type | BOOL |

Egress Max Burst Rate**Table 3-980 Egress Max Burst Rate**

| Name | Value |
|----------------|--|
| Default | yes:12 |
| Description | This attribute is applicable to MPR 9500 only. This attribute carries out the burst egress shaping size (amount of traffic in excess of egress shaping rate) in bytes. |
| Displayed name | Egress Max Burst Rate |
| Maximum | 16000 |
| Minimum | 0 |
| OSS name | egressCommittedMaxBurst |
| Read-only | no |
| Step | 4 |
| Tab Panel | Ethernet Port Rate Limiter |

Table 3-980 Egress Max Burst Rate (continued)

| Name | Value |
|-------|--------|
| Type | INT |
| Units | Kbytes |

Egress Max-Burst**Table 3-981 Egress Max-Burst**

| Name | Value |
|----------------|----------------------|
| Default | yes:-1 |
| Displayed name | Egress Max-Burst |
| Maximum | 16384 |
| Minimum | -1 |
| OSS name | egressMaxBurst |
| Read-only | no |
| Tab Panel | Ethernet Egress Rate |
| Type | INT |

Egress Rate**Table 3-982 Egress Rate**

| Name | Value |
|-----------------------|----------------------|
| Default | yes:-1 |
| Displayed name | Egress Rate |
| Mandatory on creation | no |
| Maximum | 100000000 |
| Minimum | -1 |
| OSS name | egressRate |
| Read-only | no |
| Tab Panel | Ethernet Egress Rate |
| Type | INT |
| Units | kbps |

Egress Scheduler Mode
Table 3-983 Egress Scheduler Mode

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:profile |
| Displayed name | Egress Scheduler Mode |
| OSS name | egressSchedulerMode |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | EgressSchedulerMode |
| Enumerated types: | |
| 4-Priority-HQos | |
| FC Based | |
| Four-Priority | |
| Profile | |
| SAP Based | |
| Sixteen-Priority | |

Egress Unshaped Network Interface CIR**Table 3-984 Egress Unshaped Network Interface CIR**

| Name | Value |
|-----------------------|--|
| Default | yes:-1 |
| Description | Specifies the egress CIR of all unshaped network interfaces (those without a network queue policy) on this port. |
| Displayed name | Egress Unshaped Network Interface CIR |
| Mandatory on creation | no |
| Maximum | 10000000 |
| Minimum | -1 |
| OSS name | egressUnshapedNwIfCir |
| Read-only | no |
| Tab Panel | Ethernet Egress Rate |
| Type | INT |
| Units | kbps |

Egress Unshaped SAP CIR
Table 3-985 Egress Unshaped SAP CIR

| Name | Value |
|-----------------------|---|
| Default | yes:-1 |
| Description | Specifies the egress CIR that the ethernet port can generate. |
| Displayed name | Egress Unshaped SAP CIR |
| Mandatory on creation | no |
| Maximum | 10000000 |
| Minimum | -1 |
| OSS name | egressUnshapedSapCir |
| Read-only | no |
| Tab Panel | Ethernet Egress Rate |
| Type | INT |
| Units | kbps |

Enable**Table 3-986 Enable**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This attribute is applicable to MPR 9500. This attribute is for enabling storm control. |
| Displayed name | Enable |
| OSS name | stormControl |
| Read-only | no |
| Tab Panel | Ethernet Storm Control |
| Type | BOOL |

Enable Broadcast Limit Mode**Table 3-987 Enable Broadcast Limit Mode**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Enable/disable the maximum flood rate for broadcast traffic |
| Displayed name | Enable Broadcast Limit Mode |
| OSS name | enableBroadcastLimitMode |

Table 3-987 Enable Broadcast Limit Mode (continued)

| Name | Value |
|-------------|-----------------------|
| Read-only | no |
| Tab Panel | Ethernet Flow Control |
| Type | generic.TruthValue |

Enable Multicast Limit Mode**Table 3-988 Enable Multicast Limit Mode**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Enable/disable the maximum flood rate for multicast traffic |
| Displayed name | Enable Multicast Limit Mode |
| OSS name | enableMulticastLimitMode |
| Read-only | no |
| Tab Panel | Ethernet Flow Control |
| Type | generic.TruthValue |

Enable Port Mobility**Table 3-989 Enable Port Mobility**

| Name | Value |
|----------------|----------------------|
| Default | yes:false |
| Displayed name | Enable Port Mobility |
| OSS name | enablePortMobility |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | generic.TruthValue |

Enable Unknown Unicast Limit Mode**Table 3-990 Enable Unknown Unicast Limit Mode**

| Name | Value |
|-------------|---|
| Default | yes:false |
| Description | Enable/disable the maximum flood rate for unknown unicast traffic |

Table 3-990 Enable Unknown Unicast Limit Mode (continued)

| Name | Value |
|----------------|-----------------------------------|
| Displayed name | Enable Unknown Unicast Limit Mode |
| OSS name | enableUUnicastLimitMode |
| Read-only | no |
| Tab Panel | Ethernet Flow Control |
| Type | generic.TruthValue |

Ethernet Down Reason

Table 3-991 Ethernet Down Reason

| Name | Value |
|--------------------------|----------------------|
| Default | yes:0 |
| Displayed name | Ethernet Down Reason |
| OSS name | ethernetDownReason |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | EtherStatusBitMap |
| Enumerated types: | |
| Link Loss Forwarding | |
| No Service Port | |
| Unknown | |

Frame Base Accounting

Table 3-992 Frame Base Accounting

| Name | Value |
|----------------|-----------------------|
| Default | yes:false |
| Displayed name | Frame Base Accounting |
| OSS name | frameBasedAccounting |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | BOOL |

Ignore BPDU**Table 3-993 Ignore BPDU**

| Name | Value |
|--------------------------|------------------------|
| Default | yes:notApplicable |
| Displayed name | Ignore BPDU |
| OSS name | mobilePortIgnoreBPDU |
| Read-only | no |
| Tab Panel | Ethernet Port Mobility |
| Type | MobilePortType |
| Enumerated types: | |
| Disable | |
| Enable | |
| Not Applicable | |

Ingress CBS**Table 3-994 Ingress CBS**

| Name | Value |
|----------------|-----------------------|
| Default | yes:130816 |
| Displayed name | Ingress CBS |
| Maximum | 130816 |
| Minimum | 1 |
| OSS name | ingressCbs |
| Read-only | no |
| Tab Panel | Ethernet Ingress Rate |
| Type | INT |

Ingress CIR**Table 3-995 Ingress CIR**

| Name | Value |
|-------------|--|
| Default | yes:64 |
| Description | This attribute is applicable to MPR 9500. This attribute carries out the rate limiting functionality. ifSpeed value means that the rate limitation of the interface is disabled. The value can be expressed in kbit/s NE dependent |

Table 3-995 Ingress CIR (continued)

| Name | Value |
|----------------|----------------------------|
| Displayed name | Ingress CIR |
| Maximum | 16777152 |
| Minimum | 0 |
| OSS name | ingressCir |
| Read-only | no |
| Step | 64 |
| Tab Panel | Ethernet Port Rate Limiter |
| Type | INT |
| Units | Kbps |

Ingress Enabled**Table 3-996 Ingress Enabled**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This attribute is applicable to MPR 9500. This is used for enabling the ingress port rate limiting. |
| Displayed name | Ingress Enabled |
| OSS name | ingressEnabled |
| Read-only | no |
| Tab Panel | Ethernet Port Rate Limiter |
| Type | BOOL |

Ingress Filtering**Table 3-997 Ingress Filtering**

| Name | Value |
|----------------|------------------------|
| Default | yes:false |
| Displayed name | Ingress Filtering |
| OSS name | mobilePortIngFiltering |
| Read-only | no |
| Tab Panel | Ethernet Port Mobility |
| Type | generic.TruthValue |

Ingress Max Burst Rate
Table 3-998 Ingress Max Burst Rate

| Name | Value |
|----------------|---|
| Default | yes:12 |
| Description | This attribute is applicable to MPR 9500. This attribute carries out 'on per port basis' ingress admitted unknown unicast rate (the threshold value of unknown unicast traffic rate as admitted on this ingress interface). This value is requested to trigger discarding of NE generated unknown unicast traffic rate on this ingress interface and is minor or equal to that specified in ifSpeed for this interface. |
| Displayed name | Ingress Max Burst Rate |
| Maximum | 16000 |
| Minimum | 0 |
| OSS name | ingressCommittedMaxBurst |
| Read-only | no |
| Step | 4 |
| Tab Panel | Ethernet Port Rate Limiter |
| Type | INT |
| Units | Kbytes |

Ingress Rate**Table 3-999 Ingress Rate**

| Name | Value |
|----------------|-----------------------|
| Default | yes:-1 |
| Displayed name | Ingress Rate |
| Maximum | 100000 |
| Minimum | -1 |
| OSS name | ingressRate |
| Read-only | no |
| Tab Panel | Ethernet Ingress Rate |
| Type | INT |
| Units | Mbps |

Inter-Frame Gap
Table 3-1000 Inter-Frame Gap

| Name | Value |
|----------------|-----------------------|
| Default | yes:12 |
| Displayed name | Inter-Frame Gap |
| Maximum | 12 |
| Minimum | 9 |
| OSS name | interFrameGap |
| Read-only | no |
| Tab Panel | Ethernet Flow Control |
| Type | INT |
| Units | bytes |

IP MTU**Table 3-1001 IP MTU**

| Name | Value |
|----------------|------------------|
| Default | yes:0 |
| Displayed name | IP MTU |
| OSS name | ipMTU |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | INT |
| Units | bytes |

Keep-Alive Interval (Sec)**Table 3-1002 Keep-Alive Interval (Sec)**

| Name | Value |
|----------------|---------------------------|
| Default | yes:10 |
| Displayed name | Keep-Alive Interval (Sec) |
| Maximum | 120 |
| Minimum | 1 |
| OSS name | keepAliveInterval |
| Read-only | no |

Table 3-1002 Keep-Alive Interval (Sec) (continued)

| Name | Value |
|-------------|---|
| Tab Panel | Ethernet Down When Looped Configuration |
| Type | INT |

LACP Tunnel**Table 3-1003 LACP Tunnel**

| Name | Value |
|----------------|----------------------|
| Default | yes:false |
| Displayed name | LACP Tunnel |
| OSS name | lacpTunnel |
| Read-only | no |
| Tab Panel | Ethernet LACP Tunnel |
| Type | BOOL |

Loopback Messages Dropped**Table 3-1004 Loopback Messages Dropped**

| Name | Value |
|----------------|---------------------------|
| Default | yes:0 |
| Displayed name | Loopback Messages Dropped |
| OSS name | cfmLbmDropped |
| Read-only | no |
| Tab Panel | Ethernet Statistics |
| Type | LONG |

Loopback Messages Received**Table 3-1005 Loopback Messages Received**

| Name | Value |
|----------------|----------------------------|
| Default | yes:0 |
| Displayed name | Loopback Messages Received |
| OSS name | cfmLbmRx |
| Read-only | no |

Table 3-1005 Loopback Messages Received (continued)

| Name | Value |
|-------------|---------------------|
| Tab Panel | Ethernet Statistics |
| Type | LONG |

Loopback Reply Transmitted**Table 3-1006 Loopback Reply Transmitted**

| Name | Value |
|----------------|----------------------------|
| Default | yes:0 |
| Displayed name | Loopback Reply Transmitted |
| OSS name | cfmLbrTx |
| Read-only | no |
| Tab Panel | Ethernet Statistics |
| Type | LONG |

MDI/MDX**Table 3-1007 MDI/MDX**

| Name | Value |
|----------------|-----------------------|
| Default | yes:0 |
| Displayed name | MDI/MDX |
| OSS name | ethernetInterfaceType |
| Read-only | yes |
| Tab Panel | Ethernet General |
| Type | INT |

Media Mode**Table 3-1008 Media Mode**

| Name | Value |
|----------------|---------------------|
| Displayed name | Media Mode |
| OSS name | mediaMode |
| Read-only | no |
| Tab Panel | Ethernet Media Mode |

Table 3-1008 Media Mode (continued)

| Name | Value |
|------|-------------------------|
| Type | equipment.PortMediaMode |

Minimum Frame Length**Table 3-1009 Minimum Frame Length**

| Name | Value |
|----------------|--|
| Default | yes:64 |
| Description | This attribute specifies the minimum length of ethernet frame transmitted out of the port. |
| Displayed name | Minimum Frame Length |
| OSS name | etherMinFrameLength |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | INT |
| Units | Bytes |

Multicast Frame Rate**Table 3-1010 Multicast Frame Rate**

| Name | Value |
|----------------|--|
| Default | yes:100 |
| Description | This attribute is applicable to MPR 9500. This attribute carries out 'on per port basis' ingress admitted multicast traffic rate (the threshold value of multicast traffic rate as admitted on this ingress interface). This value is requested to trigger discarding of NE generated multicast traffic on this ingress interface and is minor or equal to that specified in ifSpeed for this interface. |
| Displayed name | Multicast Frame Rate |
| Maximum | 16777215 |
| Minimum | 0 |
| OSS name | multicastFrameRate |
| Read-only | no |
| Tab Panel | Ethernet Storm Control |
| Type | LONG |
| Units | framesec |

Multicast Ingress

Table 3-1011 Multicast Ingress

| Name | Value |
|--------------------------|--|
| Default | yes:l2Mc |
| Description | This Represents Multicast Ingress Lookup Type. |
| Displayed name | Multicast Ingress |
| OSS name | multicastIngress |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | MulticastIngressType |
| Enumerated types: | |
| IP Multicast | |
| L2 Multicast | |

Multicast Limit

Table 3-1012 Multicast Limit

| Name | Value |
|-----------------------|--|
| Description | The value of the maximum multicast traffic that can flow through the port. The actual value depends on the port speed if the configured values is greater than the current port speed. |
| Displayed name | Multicast Limit |
| Mandatory on creation | no |
| OSS name | multicastLimit |
| Read-only | no |
| Tab Panel | Ethernet Flow Control |
| Type | LONG |

Network Egress

Table 3-1013 Network Egress

| Name | Value |
|----------------|---------------------------|
| Default | yes: |
| Displayed name | Network Egress |
| OSS name | netEgrShaperPolicyPointer |
| Read-only | no |

Table 3-1013 Network Egress (continued)

| Name | Value |
|-------------|------------------------|
| Tab Panel | Ethernet Shaper Policy |
| Type | POINTER |

Oper Physical Tx Clock

Table 3-1014 Oper Physical Tx Clock

| Name | Value |
|--------------------------|---|
| Description | OperPhyTxClock value indicates the result of Master/Slave resolution on copper based Ethernet ports. OperPhyTxClock is 'notApplicable' if PortClass is not 'xcme' and PortType is not 'portTypeXcmeTx' and 'PortEtherOperSpeed' is not 1000 |
| Displayed name | Oper Physical Tx Clock |
| OSS name | operPhyTxClock |
| Read-only | yes |
| Tab Panel | Ethernet Synchronous Ethernet |
| Type | OperPhyTxClock |
| Enumerated types: | |
| Master | |
| Not Applicable | |
| Slave | |

Operational Flow

Table 3-1015 Operational Flow

| Name | Value |
|----------------|---|
| Default | yes:notApplicable |
| Description | The actual flow control. See <code>flowControl</code> . |
| Displayed name | Operational Flow |
| OSS name | operationalFlowControl |
| Read-only | no |
| Tab Panel | Ethernet Flow Control |
| Type | INT |

Operational State

Table 3-1016 Operational State

| Name | Value |
|--------------------------|--|
| Default | yes:up |
| Description | indicates the operational status of the Ethernet LMI interface |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | Ethernet E-LMI |
| Type | ElmiOperationalStateType |
| Enumerated types: | |
| Down | |
| Up | |

Outstanding Alarms

Table 3-1017 Outstanding Alarms

| Name | Value |
|--------------------------|-----------------------------|
| Default | yes:0 |
| Displayed name | Outstanding Alarms |
| OSS name | reportAlarmStatus |
| Read-only | yes |
| Tab Panel | Ethernet General |
| Type | EthernetPortReportAlarmBits |
| Enumerated types: | |
| Duplicate Lane | |
| High Bit Error Rate | |
| Local Fault | |
| No AM Lock | |
| No Block Lock | |
| No Frame Lock | |
| Remote Fault | |
| Signal Failure | |

PBB Ethertype
Table 3-1018 PBB Ethertype

| Name | Value |
|-----------------------|------------------|
| Default | yes:35047 |
| Displayed name | PBB Ethertype |
| Mandatory on creation | no |
| Maximum | 65535 |
| Minimum | 1536 |
| OSS name | pbbEtype |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | INT |

Persistent Loopback**Table 3-1019 Persistent Loopback**

| Name | Value |
|----------------|--------------------------|
| Default | yes:false |
| Displayed name | Persistent Loopback |
| OSS name | portEtherLoopbackPersist |
| Read-only | no |
| Tab Panel | Ethernet Timed Loopback |
| Type | BOOL |

Phy Tx Clock**Table 3-1020 Phy Tx Clock**

| Name | Value |
|----------------|-------------------|
| Default | yes:autoPrefSlave |
| Displayed name | Phy Tx Clock |
| OSS name | adminPhyTxClock |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | INT |

Polling Timer UNI-C (T391)**Table 3-1021 Polling Timer UNI-C (T391)**

| Name | Value |
|----------------|---|
| Default | yes:10 |
| Description | specifies the polling timer for the E-LMI UNI-C |
| Displayed name | Polling Timer UNI-C (T391) |
| Maximum | 30 |
| Minimum | 5 |
| OSS name | t391 |
| Read-only | no |
| Tab Panel | Ethernet E-LMI |
| Type | INT |
| Units | seconds |

Polling Verification Timer (T392)**Table 3-1022 Polling Verification Timer (T392)**

| Name | Value |
|----------------|--|
| Default | yes:15 |
| Description | specifies the polling verification timer for the E-LMI UNI-N |
| Displayed name | Polling Verification Timer (T392) |
| Maximum | 30 |
| Minimum | 5 |
| OSS name | t392 |
| Read-only | no |
| Tab Panel | Ethernet E-LMI |
| Type | INT |
| Units | seconds |

Port Clock Mode**Table 3-1023 Port Clock Mode**

| Name | Value |
|---------|----------|
| Default | yes:auto |

Table 3-1023 Port Clock Mode (continued)

| Name | Value |
|----------------|--|
| Description | Specifies the clock mode of the Ethernet port. The parameter must be set to Manual Slave in order for the port to be used with Synchronous Ethernet. |
| Displayed name | Port Clock Mode |
| OSS name | clockMode |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | INT |

Port ID**Table 3-1024 Port ID**

| Name | Value |
|----------------|------------------|
| Default | yes:0 |
| Displayed name | Port ID |
| OSS name | portId |
| Read-only | yes |
| Tab Panel | Ethernet General |
| Type | LONG |

Port Name**Table 3-1025 Port Name**

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Port Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | Ethernet General |
| Type | STRING |

Protocols
Table 3-1026 Protocols

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The tmnxPortUpProtocols variable is a bitmap that indicates what protocols can be used on this port type. |
| Displayed name | Protocols |
| OSS name | upProtocols |
| Read-only | yes |
| Tab Panel | Ethernet Protocols |
| Type | PortProtocols |

Provider Bridge Type**Table 3-1027 Provider Bridge Type**

| Name | Value |
|--------------------------|---|
| Default | yes:nmi |
| Displayed name | Provider Bridge Type |
| OSS name | provideBridge |
| Read-only | no |
| Tab Panel | Ethernet Provider Bridge Configurations |
| Type | EthernetInterfaceCellFormat |
| Enumerated types: | |
| NNI | |
| UNI (C-Vlan) | |
| UNI (Port) | |

PTP Asymmetry**Table 3-1028 PTP Asymmetry**

| Name | Value |
|----------------|---------------|
| Default | yes:0 |
| Displayed name | PTP Asymmetry |
| Maximum | 8388607 |
| Minimum | -8388608 |

Table 3-1028 PTP Asymmetry (continued)

| Name | Value |
|-------------|------------------|
| OSS name | ptpAsymmetry |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | INT |

Q in Q Ethertype**Table 3-1029 Q in Q Ethertype**

| Name | Value |
|-----------------------|------------------|
| Default | yes:33024 |
| Displayed name | Q in Q Ethertype |
| Mandatory on creation | no |
| Maximum | 65535 |
| Minimum | 1536 |
| OSS name | qinqEtype |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | INT |

Received Quality Level**Table 3-1030 Received Quality Level**

| Name | Value |
|--------------------------|-------------------------------|
| Displayed name | Received Quality Level |
| OSS name | ssmRxQualityLevel |
| Read-only | yes |
| Tab Panel | Ethernet Synchronous Ethernet |
| Type | PortSsmReceivedQualityLevel |
| Enumerated types: | |
| Dnu | |
| Dus | |
| Eec1 | |
| Eec2 | |

Table 3-1030 Received Quality Level (continued)

| Name | Value |
|--------|-------|
| Failed | |
| Inv | |
| None | |
| Pno | |
| Prc | |
| Prs | |
| Sec | |
| Smc | |
| Ssua | |
| Ssub | |
| St2 | |
| St3 | |
| St3e | |
| St4 | |
| Stu | |
| Tnc | |

Report Alarms

Table 3-1031 Report Alarms

| Name | Value |
|--------------------------|-----------------------------|
| Default | yes:48 |
| Displayed name | Report Alarms |
| OSS name | reportAlarmBits |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | EthernetPortReportAlarmBits |
| Enumerated types: | |
| Duplicate Lane | |
| High Bit Error Rate | |
| Local Fault | |
| No AM Lock | |
| No Block Lock | |

Table 3-1031 Report Alarms (continued)

| Name | Value |
|----------------|-------|
| No Frame Lock | |
| Remote Fault | |
| Signal Failure | |

Retry Timeout (Sec)**Table 3-1032 Retry Timeout (Sec)**

| Name | Value |
|----------------|---|
| Default | yes:120 |
| Displayed name | Retry Timeout (Sec) |
| Maximum | 160 |
| Minimum | 0 |
| OSS name | retryTimeout |
| Read-only | no |
| Tab Panel | Ethernet Down When Looped Configuration |
| Type | INT |

S-VLAN TPID**Table 3-1033 S-VLAN TPID**

| Name | Value |
|--------------------------|---|
| Default | yes:0X8100 |
| Displayed name | S-VLAN TPID |
| OSS name | svlanTpid |
| Read-only | no |
| Tab Panel | Ethernet Provider Bridge Configurations |
| Type | EthernetConfVlanType |
| Enumerated types: | |
| | 0X8100 |
| | 0X88a8 |
| | 0X9100 |

SAP
Table 3-1034 SAP

| Name | Value |
|----------------|-----------------------------|
| Default | yes: |
| Displayed name | SAP |
| OSS name | sapPointer |
| Read-only | no |
| Tab Panel | Ethernet Timed Loopback SAP |
| Type | POINTER |

Sap Qos Marking**Table 3-1035 Sap Qos Marking**

| Name | Value |
|----------------|--|
| Default | yes:enabled |
| Description | This Represents Port Ethernet Access Egress Sap Qos Marking Value. |
| Displayed name | Sap Qos Marking |
| OSS name | sapQosMarking |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | generic.EnabledDisabled |

SFLOW**Table 3-1036 SFLOW**

| Name | Value |
|----------------|----------------|
| Default | yes:false |
| Displayed name | SFLOW |
| OSS name | sflowEnable |
| Read-only | no |
| Tab Panel | Ethernet SFLOW |
| Type | BOOL |

Single Fiber

Table 3-1037 Single Fiber

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | singleFiber is used to enable/disable packet gathering and redirection of IP packets from a single fiber on RX port of the Ethernet interface and redistribute packets to other interfaces through either state routes or policy-based forwarding. |
| Displayed name | Single Fiber |
| OSS name | singleFiber |
| Read-only | no |
| Tab Panel | Ethernet General |
| Type | generic.TruthValue |

Site ID

Table 3-1038 Site ID

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | Ethernet General |
| Type | STRING |

Source MAC Address

Table 3-1039 Source MAC Address

| Name | Value |
|----------------|-----------------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Source MAC Address |
| OSS name | srcMacAddress |
| Read-only | no |
| Tab Panel | Ethernet Timed Loopback MAC |
| Type | MACADDR |

Src Pause
Table 3-1040 Src Pause

| Name | Value |
|-----------------------|-----------------------|
| Default | yes:false |
| Displayed name | Src Pause |
| Mandatory on creation | no |
| OSS name | ingressSrcPause |
| Read-only | no |
| Tab Panel | Ethernet Ingress Rate |
| Type | BOOL |

SSM Code-Type**Table 3-1041 SSM Code-Type**

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:3 |
| Displayed name | SSM Code-Type |
| OSS name | codeType |
| Read-only | no |
| Tab Panel | Ethernet Synchronous Ethernet |
| Type | SSMCodeType |
| Enumerated types: | |
| None | |
| Sdh | |
| Sonet | |

Status Counter (N393)**Table 3-1042 Status Counter (N393)**

| Name | Value |
|----------------|---|
| Default | yes:4 |
| Description | specifies the ELMI monitored count of the consecutive errors for both UNI-N and UNI-C. It is used to determine if E-LMI is operational or not |
| Displayed name | Status Counter (N393) |
| Maximum | 10 |

Table 3-1042 Status Counter (N393) (continued)

| Name | Value |
|-------------|----------------|
| Minimum | 2 |
| OSS name | n393 |
| Read-only | no |
| Tab Panel | Ethernet E-LMI |
| Type | INT |

Swap Mac Address**Table 3-1043 Swap Mac Address**

| Name | Value |
|----------------|-------------------------|
| Default | yes:false |
| Displayed name | Swap Mac Address |
| OSS name | swapMacAddr |
| Read-only | no |
| Tab Panel | Ethernet Timed Loopback |
| Type | BOOL |

Symbol Alarm Reason**Table 3-1044 Symbol Alarm Reason**

| Name | Value |
|--------------------------|--|
| Description | The value of symMonAlarmReason indicates the current status of the Ethernet Symbol Monitored alarms on the port. |
| Displayed name | Symbol Alarm Reason |
| OSS name | symMonAlarmReason |
| Read-only | yes |
| Tab Panel | Ethernet Symbol Monitor Failure |
| Type | PortEtherMonReportStatus |
| Enumerated types: | |
| None | |
| SD Threshold Exceeded | |
| SF Threshold Exceeded | |

Symbol Error Count

Table 3-1045 Symbol Error Count

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The value of symMonErrorCount indicates the total number of Symbol Monitor errors since tmnxPortEtherSymMonEnabled was set to 'enabled (1)'. |
| Displayed name | Symbol Error Count |
| OSS name | symMonErrorCount |
| Read-only | yes |
| Tab Panel | Ethernet Symbol Monitor Failure |
| Type | LONG |

Symbol Monitor Status

Table 3-1046 Symbol Monitor Status

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The symMonStatus specifies whether or not symbol monitor is operationally 'enabled(1)' on the system, or 'disabled(2)'. The value of tmnxPortEtherSymMonEnabled specifies whether or not Symbol Monitoring is enabled on the port. |
| Displayed name | Symbol Monitor Status |
| OSS name | symMonStatus |
| Read-only | no |
| Tab Panel | Ethernet Symbol Monitor Failure |
| Type | BOOL |

Symbol SD Threshold

Table 3-1047 Symbol SD Threshold

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The value of symMonSdThreshold specifies a packet error rate threshold used to determine when to send a tmnxEqPortEtherSymMonAlarm notification for a Symbol Monitor Signal Degradation (SD) failure and tmnxEqPortEtherSymMonAlarmClear notification for a Symbol Monitor SD failure clear. The Symbol Monitor SD error rate threshold is calculated as: $\text{tmnxPortEtherSymMonSdTMultiplier} * 10e\text{-tmnxPortEtherSymMonSdThreshold}$. A value of 0 disables Symbol Monitor SD monitoring. |
| Displayed name | Symbol SD Threshold |

Table 3-1047 Symbol SD Threshold (continued)

| Name | Value |
|-------------|---------------------------------|
| Maximum | 9 |
| Minimum | 0 |
| OSS name | symMonSdThreshold |
| Read-only | no |
| Tab Panel | Ethernet Symbol Monitor Failure |
| Type | INT |

Symbol SD Threshold Multiplier**Table 3-1048 Symbol SD Threshold Multiplier**

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | The value of symMonSdTMultiplier specifies the tnnxPortEtherSymMonSdThreshold multiplier value. The Symbol Monitor SD error rate threshold is calculated as: $\text{tnnxPortEtherSymMonSdTMultiplier} * 10e\text{-tnnxPortEtherSymMonSdThreshold}$. |
| Displayed name | Symbol SD Threshold Multiplier |
| Maximum | 9 |
| Minimum | 1 |
| OSS name | symMonSdTMultiplier |
| Read-only | no |
| Tab Panel | Ethernet Symbol Monitor Failure |
| Type | INT |

Symbol SF Threshold**Table 3-1049 Symbol SF Threshold**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The value of tnnxPortEtherSymMonSfThreshold specifies a packet error rate threshold used to determine when to send a tnnxEqPortEtherSymMonAlarm notification for a Symbol Monitor Signal Failure (SF) failure. Crossing the tnnxPortEtherSymMonSfThreshold will result in the tnnxPortOperStatus being set to 'outOfService'. The Symbol Monitor SF error rate threshold is calculated as: $\text{tnnxPortEtherSymMonSfTMultiplier} * 10e\text{-tnnxPortEtherSymMonSfThreshold}$. A value of 0 disables Symbol Monitor SF monitoring. |
| Displayed name | Symbol SF Threshold |
| Maximum | 9 |

Table 3-1049 Symbol SF Threshold (continued)

| Name | Value |
|-------------|---------------------------------|
| Minimum | 0 |
| OSS name | symMonSfThreshold |
| Read-only | no |
| Tab Panel | Ethernet Symbol Monitor Failure |
| Type | INT |

Symbol SF Threshold Multiplier

Table 3-1050 Symbol SF Threshold Multiplier

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | The value of symMonSfMultiplier specifies the tnnxPortEtherSymMonSfThreshold multiplier value. The Symbol Monitor SF error rate threshold is calculated as: $\text{tnnxPortEtherSymMonSfMultiplier} * 10e\text{-tnnxPortEtherSymMonSfThreshold}$. |
| Displayed name | Symbol SF Threshold Multiplier |
| Maximum | 9 |
| Minimum | 1 |
| OSS name | symMonSfMultiplier |
| Read-only | no |
| Tab Panel | Ethernet Symbol Monitor Failure |
| Type | INT |

Symbol Window Size

Table 3-1051 Symbol Window Size

| Name | Value |
|----------------|---|
| Default | yes:10 |
| Description | The value of symMonWindowSize specifies the size of the sliding window in seconds over which the tnnxPortEtherSymMonSdThreshold and tnnxPortEtherSymMonSfThreshold are applied. |
| Displayed name | Symbol Window Size |
| Maximum | 60 |
| Minimum | 5 |
| OSS name | symMonWindowSize |

Table 3-1051 Symbol Window Size (continued)

| Name | Value |
|-------------|---------------------------------|
| Read-only | no |
| Tab Panel | Ethernet Symbol Monitor Failure |
| Type | INT |
| Units | seconds |

Synchronous Ethernet Capability

Table 3-1052 Synchronous Ethernet Capability

| Name | Value |
|--------------------------|---------------------------------|
| Default | yes:notApplicable |
| Displayed name | Synchronous Ethernet Capability |
| OSS name | syncECapable |
| Read-only | no |
| Tab Panel | Ethernet Synchronous Ethernet |
| Type | SyncECapable |
| Enumerated types: | |
| Capable | |
| Not Applicable | |
| Not Capable | |

Synchronous Status Messages

Table 3-1053 Synchronous Status Messages

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | specifies whether or not synchronous status messages (SSM) are enabled on the ethernet port. |
| Displayed name | Synchronous Status Messages |
| OSS name | ssm |
| Read-only | no |
| Tab Panel | Ethernet Synchronous Ethernet |
| Type | generic.TruthValue |

Time
Table 3-1054 Time

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | Time |
| Maximum | 86400 |
| Minimum | 0 |
| OSS name | portLoopbackTime |
| Read-only | no |
| Tab Panel | Ethernet Timed Loopback |
| Type | LONG |
| Units | seconds |

Time Remaining**Table 3-1055 Time Remaining**

| Name | Value |
|----------------|---------------------------|
| Displayed name | Time Remaining |
| OSS name | portLoopbackTimeRemaining |
| Read-only | no |
| Tab Panel | Ethernet Timed Loopback |
| Type | LONG |
| Units | seconds |

Timestamp Capable**Table 3-1056 Timestamp Capable**

| Name | Value |
|----------------|--|
| Description | Indicates whether the hardware is capable of supporting 1588 PTP time stamp functions. |
| Displayed name | Timestamp Capable |
| OSS name | timeStampCapable |
| Read-only | yes |
| Tab Panel | Ethernet General |
| Type | BOOL |

Transmitted Quality Level
Table 3-1057 Transmitted Quality Level

| Name | Value |
|--------------------------|-------------------------------|
| Displayed name | Transmitted Quality Level |
| OSS name | ssmTxQualityLevel |
| Read-only | yes |
| Tab Panel | Ethernet Synchronous Ethernet |
| Type | PortSsmReceivedQualityLevel |
| Enumerated types: | |
| Dnu | |
| Dus | |
| Eec1 | |
| Eec2 | |
| Failed | |
| Inv | |
| None | |
| Pno | |
| Prc | |
| Prs | |
| Sec | |
| Smc | |
| Ssua | |
| Ssub | |
| St2 | |
| St3 | |
| St3e | |
| St4 | |
| Stu | |
| Tnc | |

Tx DUS/DNU**Table 3-1058 Tx DUS/DNU**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-1058 Tx DUS/DNU (continued)

| Name | Value |
|----------------|-------------------------------|
| Displayed name | Tx DUS/DNU |
| OSS name | txDus |
| Read-only | no |
| Tab Panel | Ethernet Synchronous Ethernet |
| Type | generic.TruthValue |

Type**Table 3-1059 Type**

| Name | Value |
|--------------------------|--|
| Default | yes:mbps |
| Description | The unit applicable to the value in broadcast traffic. |
| Displayed name | Type |
| OSS name | broadcastLimitType |
| Read-only | no |
| Tab Panel | Ethernet Flow Control |
| Type | LimitType |
| Enumerated types: | |
| Mbps | |
| Percentage | |
| Pkts/s | |

Type**Table 3-1060 Type**

| Name | Value |
|----------------|--|
| Default | yes:mbps |
| Description | The unit applicable to the value in multicast traffic. |
| Displayed name | Type |
| OSS name | multicastLimitType |
| Read-only | no |
| Tab Panel | Ethernet Flow Control |
| Type | LimitType |

Table 3-1060 Type (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Mbps | |
| Percentage | |
| Pkts/s | |

Type

Table 3-1061 Type

| Name | Value |
|--------------------------|-------------------------|
| Default | yes:none |
| Displayed name | Type |
| OSS name | portLoopback |
| Read-only | no |
| Tab Panel | Ethernet Timed Loopback |
| Type | PortLoopback |
| Enumerated types: | |
| Internal | |
| Line | |
| None | |

Type

Table 3-1062 Type

| Name | Value |
|--------------------------|--|
| Default | yes:mbps |
| Description | The unit applicable to the value in unknown Unicast traffic. |
| Displayed name | Type |
| OSS name | uUnicastLimitType |
| Read-only | no |
| Tab Panel | Ethernet Flow Control |
| Type | LimitType |
| Enumerated types: | |
| Mbps | |

Table 3-1062 Type (continued)

| Name | Value |
|------------|-------|
| Percentage | |
| Pkts/s | |

UNI Identifier**Table 3-1063 UNI Identifier**

| Name | Value |
|----------------|--|
| Description | specifies the UNI Identifier of the E-LMI entity |
| Displayed name | UNI Identifier |
| Maximum | 64 |
| OSS name | uniIdentifier |
| Read-only | no |
| Tab Panel | Ethernet E-LMI |
| Type | STRING |

UNI Mode**Table 3-1064 UNI Mode**

| Name | Value |
|--------------------------|--|
| Default | yes:none |
| Description | specifies the mode of the interface It can be set as User Network Interface Network (UNI-N), or 'none (0)' to disable E-LMI. |
| Displayed name | UNI Mode |
| OSS name | uniMode |
| Read-only | no |
| Tab Panel | Ethernet E-LMI |
| Type | UniModeType |
| Enumerated types: | |
| None | |
| UNI-N | |

UNI Priority**Table 3-1065 UNI Priority**

| Name | Value |
|--------------------------|---|
| Default | yes:portPriority |
| Displayed name | UNI Priority |
| OSS name | uniPriority |
| Read-only | no |
| Tab Panel | Ethernet Provider Bridge Configurations |
| Type | VlanPriorityType |
| Enumerated types: | |
| C VLAN Priority | |
| Port Priority | |

UNI Type**Table 3-1066 UNI Type**

| Name | Value |
|--------------------------|--|
| Description | indicates the information retrieved from the CE-VLAN ID/EVC Map Type contained in the UNI Status Information Element |
| Displayed name | UNI Type |
| OSS name | uniType |
| Read-only | no |
| Tab Panel | Ethernet E-LMI |
| Type | ElmiUniType |
| Enumerated types: | |
| All To One Bundling | |
| Bundling | |
| Multiplex No Bundling | |
| Not Used | |

Unknown Unicast Frame Rate**Table 3-1067 Unknown Unicast Frame Rate**

| Name | Value |
|---------|---------|
| Default | yes:100 |

Table 3-1067 Unknown Unicast Frame Rate (continued)

| Name | Value |
|----------------|---|
| Description | This attribute is applicable to MPR 9500. This attribute carries out 'on per port basis' ingress admitted unknown unicast rate (the threshold value of unknown unicast traffic rate as admitted on this ingress interface). This value is requested to trigger discarding of NE generated unknown unicast traffic rate on this ingress interface and is minor or equal to that specified in ifSpeed for this interface. |
| Displayed name | Unknown Unicast Frame Rate |
| Maximum | 16777215 |
| Minimum | 0 |
| OSS name | unknownUnicastFrameRate |
| Read-only | no |
| Tab Panel | Ethernet Storm Control |
| Type | LONG |
| Units | framesec |

Unknown Unicast Limit**Table 3-1068 Unknown Unicast Limit**

| Name | Value |
|-----------------------|---|
| Description | The value of the maximum unknown unicast traffic that can flow through the port. The actual value depends on the port speed if the configured values is greater than the current port speed |
| Displayed name | Unknown Unicast Limit |
| Mandatory on creation | no |
| OSS name | uUnicastLimit |
| Read-only | no |
| Tab Panel | Ethernet Flow Control |
| Type | LONG |

Untag C-VLAN**Table 3-1069 Untag C-VLAN**

| Name | Value |
|----------------|--------------|
| Default | yes:false |
| Displayed name | Untag C-VLAN |
| OSS name | untagCvlan |

Table 3-1069 Untag C-VLAN (continued)

| Name | Value |
|-------------|---|
| Read-only | no |
| Tab Panel | Ethernet Provider Bridge Configurations |
| Type | BOOL |

Use Broadcast Address**Table 3-1070 Use Broadcast Address**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Displayed name | Use Broadcast Address |
| OSS name | useBroadCastAddress |
| Read-only | no |
| Tab Panel | Ethernet Down When Looped Configuration |
| Type | generic.TruthValue |

Vlan Filter**Table 3-1071 Vlan Filter**

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | Vlan Filter |
| OSS name | vlanFilterPointer |
| Read-only | no |
| Tab Panel | Ethernet Vlan Filter |
| Type | POINTER |

Window Size**Table 3-1072 Window Size**

| Name | Value |
|-------------|--|
| Default | yes:10 |
| Description | The value of windowSize specifies the size of the sliding window over which the sdThreshold and sfThreshold are applied. |

Table 3-1072 Window Size (continued)

| Name | Value |
|----------------|----------------------|
| Displayed name | Window Size |
| Maximum | 60 |
| Minimum | 5 |
| OSS name | windowSize |
| Read-only | no |
| Tab Panel | Ethernet CRC Failure |
| Type | INT |
| Units | seconds |

XGig Mode**Table 3-1073 XGig Mode**

| Name | Value |
|--------------------------|---|
| Default | yes:notApplicable |
| Description | Specifies whether the ethernet interface is in LAN or WAN mode. |
| Displayed name | XGig Mode |
| OSS name | networkMode |
| Read-only | no |
| Tab Panel | Ethernet Ethernet Interface Mode |
| Type | XGigMode |
| Enumerated types: | |
| LAN | |
| N/A | |
| WAN | |

Ethernet Ring Alarm Category parameters

Category

Table 3-1074 Category

| Name | Value |
|--------------------------|----------------------|
| Description | The trap entity type |
| Displayed name | Category |
| Mandatory on creation | yes |
| OSS name | alarmEntityType |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapEntityType |
| Enumerated types: | |
| 100GBE | |
| 10GBE | |
| 1GBE | |
| 40GBE | |
| ALL | |
| BITS | |
| CBR10G3 | |
| CBR2G5 | |
| CBRAR | |
| COM | |
| CPDPR | |
| CPLMP | |
| CPNEIGHBOR | |
| CPRSVP | |
| DBLINK | |
| DDR | |
| E1 | |
| ENV | |
| EQPT | |
| FC100 | |
| FC10G | |

Table 3-1074 Category (continued)

| Name | Value |
|--------------|-------|
| FC16G | |
| FC200 | |
| FC400 | |
| FC800 | |
| FE | |
| GMRENODE | |
| LAG | |
| LINEREF | |
| LOG | |
| LOODU | |
| LSP | |
| MEP | |
| NETIF | |
| OC12/STM4 | |
| OC192/STM64 | |
| OC3/STM1 | |
| OC48/STM16 | |
| OC768/STM256 | |
| OCH | |
| ODU0 | |
| ODU0TCM | |
| ODU1 | |
| ODU1F | |
| ODU1FTCM | |
| ODU1ODU0 | |
| ODU1ODU0TCM | |
| ODU1PTF | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2EODU0 | |
| ODU2EODU0TCM | |
| ODU2EODU1 | |

Table 3-1074 Category (continued)

| Name | Value |
|----------------|-------|
| ODU2EODU1TCM | |
| ODU2EODUF | |
| ODU2EODUFTCM | |
| ODU2ETCM | |
| ODU2ODU0 | |
| ODU2ODU0TCM | |
| ODU2ODU1 | |
| ODU2ODU1TCM | |
| ODU2ODUF | |
| ODU2ODUFTCM | |
| ODU2TCM | |
| ODU3 | |
| ODU3E | |
| ODU3E2 | |
| ODU3E2ODU0 | |
| ODU3E2ODU0TCM | |
| ODU3E2ODU1 | |
| ODU3E2ODU1TCM | |
| ODU3E2ODU2 | |
| ODU3E2ODU2E | |
| ODU3E2ODU2ETCM | |
| ODU3E2ODU2TCM | |
| ODU3E2ODUF | |
| ODU3E2ODUFTCM | |
| ODU3E2TCM | |
| ODU3EODU0 | |
| ODU3EODU0TCM | |
| ODU3EODU1 | |
| ODU3EODU1TCM | |
| ODU3EODU2 | |
| ODU3EODU2E | |
| ODU3EODU2ETCM | |
| ODU3EODU2TCM | |

Table 3-1074 Category (continued)

| Name | Value |
|---------------|-------|
| ODU3EODUF | |
| ODU3EODUFTCM | |
| ODU3ETCM | |
| ODU3ODU0 | |
| ODU3ODU0TCM | |
| ODU3ODU1 | |
| ODU3ODU1TCM | |
| ODU3ODU2 | |
| ODU3ODU2E | |
| ODU3ODU2ETCM | |
| ODU3ODU2TCM | |
| ODU3ODUF | |
| ODU3ODUFTCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4ODU0 | |
| ODU4ODU0TCM | |
| ODU4ODU1 | |
| ODU4ODU1F | |
| ODU4ODU1FTCM | |
| ODU4ODU1TCM | |
| ODU4ODU2 | |
| ODU4ODU2E | |
| ODU4ODU2ETCM | |
| ODU4ODU2TCM | |
| ODU4ODU3 | |
| ODU4ODU3E | |
| ODU4ODU3E2 | |
| ODU4ODU3E2TCM | |
| ODU4ODU3ETCM | |
| ODU4ODU3TCM | |
| ODU4ODUF | |
| ODU4ODUFTCM | |

Table 3-1074 Category (continued)

| Name | Value |
|--------------|-------|
| ODU4TCM | |
| ODUF | |
| ODUFTCM | |
| OFA | |
| OMS | |
| OPTSG | |
| OTNFAC | |
| OTS | |
| OTU | |
| OTU0 | |
| OTU1 | |
| OTU1F | |
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E | |
| OTU3E2 | |
| OTU4 | |
| OTUODU0 | |
| OTUODU0TCM | |
| OTUODU1 | |
| OTUODU1F | |
| OTUODU1TCM | |
| OTUODU2 | |
| OTUODU2E | |
| OTUODU2ETCM | |
| OTUODU2TCM | |
| OTUODU3 | |
| OTUODU3E | |
| OTUODU3E2 | |
| OTUODU3E2TCM | |
| OTUODU3ETCM | |
| OTUODU3TCM | |

Table 3-1074 Category (continued)

| Name | Value |
|--------------|-------|
| OTUODU4 | |
| OTUODU4TCM | |
| OTUOODU1FTCM | |
| PLK | |
| PM | |
| PTPCLOCK | |
| PTPPORT | |
| RMD | |
| RMDCESCHNNEL | |
| RMDIF | |
| RMDIFMAU | |
| RMDMEP | |
| RMDNIM | |
| SCLOCK | |
| SDR | |
| SESSION | |
| SRERP | |
| SRMEP | |
| SROAMSACTL | |
| SRSAP | |
| SRSVC | |
| SYNC | |
| TELINK | |
| TIMING | |
| TOD | |
| TRU | |
| VTS | |

Condition**Table 3-1075 Condition**

| Name | Value |
|-------------|--------------------|
| Description | The trap condition |

Table 3-1075 Condition (continued)

| Name | Value |
|--------------------------|-----------------|
| Displayed name | Condition |
| Mandatory on creation | yes |
| OSS name | alarmCondition |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCondition |
| Enumerated types: | |
| aesFipsFailure | |
| aisLM | |
| aisLmsAis | |
| aisPauAis | |
| aisTcm | |
| alienEgrLOS | |
| allChanMiss | |
| allChanMissOut | |
| almRSync | |
| almRSyncEnd | |
| ampDisabled | |
| ampEol | |
| ANNOUNCELOSS | |
| apeInProgress | |
| APRFORCED | |
| aprInvalidTopo | |
| APRLIMITED | |
| aprLine | |
| aprNode | |
| aprOsc | |
| aprSwitch | |
| aprUnavail | |
| aprUnavailOsc | |
| apsB | |
| apsCm | |
| apsMm | |

Table 3-1075 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| apsNoRed | |
| arcIND | |
| asonTopo | |
| auAisP | |
| auLopP | |
| authFail | |
| autoReset | |
| autoSwTimRef | |
| autoSwTimRefT4 | |
| autoSyncSw | |
| bISd | |
| backupUnavail | |
| backwardDefectIndicationEgress | |
| BADCLKFREQ | |
| baseline | |
| bdi | |
| bdiOdu | |
| bdiOduOut | |
| bdiTem | |
| binsRolled | |
| bitsAIS | |
| bitsLof | |
| bitsLos | |
| bitsMAN | |
| bkupCom | |
| boardEqpt | |
| brkTrip | |
| capBuf | |
| cardBoot | |
| CARDCLKOFFFREQ | |
| cardIdRcvd | |
| cardInBoot | |
| cardInit | |

Table 3-1075 Condition (continued)

| Name | Value |
|--------------------|-------|
| cardInitBcm | |
| cardInitFail | |
| cardInitNonBcm | |
| cardNotAllowed | |
| cardSanity | |
| cbr10G3RxLOS | |
| cbr10G3RxLSS | |
| ccActChg | |
| cfCapacityWarning | |
| cfmAisEvnt | |
| cfmDmTestComplete | |
| cfmFltEvnt | |
| cfmLbmTestComplete | |
| cfmLmTestComplete | |
| cfmLtmTestComplete | |
| cfmSImTestComplete | |
| change | |
| channelViolation | |
| chkBkplane | |
| ckm | |
| clearAllTcas | |
| colorViolation | |
| comm | |
| commDeg | |
| commDown | |
| configFail | |
| CONFIGMM | |
| contBus | |
| contCom | |
| contComm | |
| contEqpt | |
| contEqptSplit | |
| contr | |

Table 3-1075 Condition (continued)

| Name | Value |
|----------------|-------|
| contrDup | |
| contrenDgr | |
| contrenFail | |
| contrOut | |
| cpuPerformance | |
| crdInit | |
| crTca | |
| csf | |
| csfGfp | |
| CSFGFPOUT | |
| csfOduEgr | |
| csfOduOut | |
| dataErr | |
| dataFlt | |
| dbErr | |
| dbFl | |
| dbFt | |
| dbFull | |
| dbInvalid | |
| dbMemTrf | |
| dbUnsync | |
| dcConfigFail | |
| deg | |
| degOtu | |
| degOut | |
| degTcm | |
| DELAYRESLOSS | |
| DISCOVERMOD | |
| dormantUser | |
| dwAis | |
| dwLof | |
| dwLom | |
| dwSd | |

Table 3-1075 Condition (continued)

| Name | Value |
|-------------------|-------|
| dwSf | |
| e1AisEgr | |
| e1AisL | |
| e1Lof | |
| e1LofEgr | |
| e1Los | |
| e1NoCrc4M | |
| e1NoCRC4MEgr | |
| e1Rai | |
| e1RaiEgr | |
| ebero | |
| egressSSF | |
| envInput1Active | |
| envInput2Active | |
| envInput3Active | |
| envInput4Active | |
| envInput5Active | |
| envInput6Active | |
| envInput7Active | |
| envInput8Active | |
| eptUploadErr | |
| eqpt | |
| eqptCrypto | |
| eqptDgr | |
| eqptDgrMon | |
| eqptDgrOch | |
| eqptDgrOchOut | |
| eqptDgrOut | |
| eqptPort | |
| erpFwdStateChng | |
| ESCABLEMISMATCH1 | |
| ESCABLEMISMATCH10 | |
| ESCABLEMISMATCH11 | |

Table 3-1075 Condition (continued)

| Name | Value |
|-------------------------|-------|
| ESCABLEMISMATCH12 | |
| ESCABLEMISMATCH13 | |
| ESCABLEMISMATCH14 | |
| ESCABLEMISMATCH15 | |
| ESCABLEMISMATCH16 | |
| ESCABLEMISMATCH17 | |
| ESCABLEMISMATCH18 | |
| ESCABLEMISMATCH19 | |
| ESCABLEMISMATCH2 | |
| ESCABLEMISMATCH20 | |
| ESCABLEMISMATCH21 | |
| ESCABLEMISMATCH22 | |
| ESCABLEMISMATCH23 | |
| ESCABLEMISMATCH24 | |
| ESCABLEMISMATCH3 | |
| ESCABLEMISMATCH4 | |
| ESCABLEMISMATCH5 | |
| ESCABLEMISMATCH6 | |
| ESCABLEMISMATCH7 | |
| ESCABLEMISMATCH8 | |
| ESCABLEMISMATCH9 | |
| escLatchFail | |
| esm | |
| ethCSF | |
| ethRingPathProvMismatch | |
| etrMismatch | |
| etrMismatchMod | |
| excessLoad | |
| excessLoss | |
| facServ | |
| facTerm | |
| facTermDev | |
| facTermDgr | |

Table 3-1075 Condition (continued)

| Name | Value |
|----------------------|-------|
| fan32HRqd | |
| fanSpeed | |
| fanSpeedHigh | |
| fanSpeedLow | |
| fanSpeedMan | |
| farEndLos | |
| faulty | |
| fdi | |
| fdiClt | |
| feAls | |
| feasibilityViolation | |
| fecEcSd | |
| fecFail | |
| fecUbcSd | |
| feFlt | |
| feLfi | |
| feLos | |
| feLss | |
| fePortMismatch | |
| fePrLf | |
| feRfi | |
| fipsFailure | |
| fipsSwMismatch | |
| flt | |
| fpgaFail | |
| FPGAFAILNSA | |
| fpgaInit | |
| FPGAINIT1 | |
| FPGAINIT10 | |
| FPGAINIT2 | |
| FPGAINIT3 | |
| FPGAINIT4 | |
| FPGAINIT5 | |

Table 3-1075 Condition (continued)

| Name | Value |
|-----------------|-------|
| FPGAINIT6 | |
| FPGAINIT7 | |
| FPGAINIT8 | |
| FPGAINIT9 | |
| FPGAINITNSA1 | |
| FPGAINITNSA10 | |
| FPGAINITNSA2 | |
| FPGAINITNSA3 | |
| FPGAINITNSA4 | |
| FPGAINITNSA5 | |
| FPGAINITNSA6 | |
| FPGAINITNSA7 | |
| FPGAINITNSA8 | |
| FPGAINITNSA9 | |
| FPGAPRELOAD | |
| fpgaTimeout | |
| FPGATIMEOUTNSA | |
| frcdSwTimRef | |
| frcdSwTimRefT4 | |
| frcdWkSwBk | |
| frcdWkSwBkVTS1 | |
| frcdWkSwBkVTS10 | |
| frcdWkSwBkVTS2 | |
| frcdWkSwBkVTS3 | |
| frcdWkSwBkVTS4 | |
| frcdWkSwBkVTS5 | |
| frcdWkSwBkVTS6 | |
| frcdWkSwBkVTS7 | |
| frcdWkSwBkVTS8 | |
| frcdWkSwBkVTS9 | |
| frcdWkSwPr | |
| frcdWkSwPrVTS1 | |
| frcdWkSwPrVTS10 | |

Table 3-1075 Condition (continued)

| Name | Value |
|------------------------|-------|
| frcdWkSwPrVTS2 | |
| frcdWkSwPrVTS3 | |
| frcdWkSwPrVTS4 | |
| frcdWkSwPrVTS5 | |
| frcdWkSwPrVTS6 | |
| frcdWkSwPrVTS7 | |
| frcdWkSwPrVTS8 | |
| frcdWkSwPrVTS9 | |
| FRCRFCKSEL | |
| frngSync | |
| FTD_ENCRYPT_15MIN | |
| FTD_ENCRYPT_1DAY | |
| FWMISMATCH | |
| fwPendingObsolete | |
| fwUpgradePending | |
| fwVersionNotDefault | |
| gfpLof | |
| GFPLOFOUT | |
| gfpSsf | |
| gfpUpm | |
| hdFail | |
| hdFull | |
| hiBer | |
| highGain | |
| hldOvrSync | |
| hpPlmP | |
| hpRdiP | |
| hpUneqP | |
| hwRevisionNotSupported | |
| igmpSnpgSrcLimitExceed | |
| imageNotReady | |
| incompatFan | |
| inhMsgPmRept | |

Table 3-1075 Condition (continued)

| Name | Value |
|--------------------------|-------|
| init | |
| inMigration | |
| INSERTMOD | |
| int | |
| intErr | |
| intrusion | |
| intrusionEvt | |
| intSft | |
| intTemp | |
| intTempHigh | |
| intTempLow | |
| intTempOpt | |
| invalidEgress | |
| invalidThreshold | |
| invalidThresholdOms | |
| invalidThresholdOts | |
| invalidTopo | |
| inventoryError | |
| keyDomainErr | |
| lagDeg | |
| lagLos | |
| LAGMEMBERPORTSTATECHANGE | |
| lagPortAddFailed | |
| LAGPORTADDSUCCESS | |
| LAGSTATECHANGE | |
| lagSubGrpSelect | |
| lanLfi | |
| lanLol | |
| lanLos | |
| lanRfi | |
| lanSf | |
| laserBackFacetOptPwrTca | |
| laserCoolingCurTca | |

Table 3-1075 Condition (continued)

| Name | Value |
|------------------------|-------|
| laserEOL | |
| laserOffLpbk | |
| lck | |
| lckOut | |
| lckTcm | |
| ledState | |
| lfd | |
| lfiEgr | |
| linkDiversity | |
| linkDown | |
| linkoamLoopDetected | |
| linkoamNonThresh | |
| linkoamPeerChng | |
| linkUp | |
| loam | |
| lockedIndicationEgress | |
| lockoutOfPr | |
| lockoutOfPrVTS1 | |
| lockoutOfPrVTS10 | |
| lockoutOfPrVTS2 | |
| lockoutOfPrVTS3 | |
| lockoutOfPrVTS4 | |
| lockoutOfPrVTS5 | |
| lockoutOfPrVTS6 | |
| lockoutOfPrVTS7 | |
| lockoutOfPrVTS8 | |
| lockoutOfPrVTS9 | |
| lockoutOfTimRef | |
| lockoutOfTimRefT4 | |
| lockoutToPr | |
| lof | |
| lofEgr | |
| lofLom | |

Table 3-1075 Condition (continued)

| Name | Value |
|-------------------|-------|
| lofLomOut | |
| lofO | |
| loGain | |
| logBuf90SecuLog | |
| logBufOvflSecuLog | |
| lol | |
| LOLA | |
| lopPauLop | |
| los | |
| losDcm | |
| losEdfa | |
| losLdSig | |
| losO | |
| losOamp | |
| losOcm | |
| losOms | |
| losOOut | |
| losOts | |
| losOut | |
| losP | |
| losPld | |
| lossOfLock | |
| lostClock | |
| lotOut | |
| lpbkLine | |
| lpbkTerm | |
| lspFailedApe | |
| lspFailedPre | |
| lspFailedTp | |
| lspFailedUnprot | |
| lspFailedXc | |
| lsrOutDgr | |
| lss | |

Table 3-1075 Condition (continued)

| Name | Value |
|----------------|-------|
| lssEgr | |
| ltcTcm | |
| man | |
| manLR | |
| manReset | |
| manSwTimRef | |
| manSwTimRefT4 | |
| manSwToInt | |
| manSwToPri | |
| manSwToSec | |
| manWkSwBk | |
| manWkSwBkVTS1 | |
| manWkSwBkVTS10 | |
| manWkSwBkVTS2 | |
| manWkSwBkVTS3 | |
| manWkSwBkVTS4 | |
| manWkSwBkVTS5 | |
| manWkSwBkVTS6 | |
| manWkSwBkVTS7 | |
| manWkSwBkVTS8 | |
| manWkSwBkVTS9 | |
| manWkSwPr | |
| manWkSwPrVTS1 | |
| manWkSwPrVTS10 | |
| manWkSwPrVTS2 | |
| manWkSwPrVTS3 | |
| manWkSwPrVTS4 | |
| manWkSwPrVTS5 | |
| manWkSwPrVTS6 | |
| manWkSwPrVTS7 | |
| manWkSwPrVTS8 | |
| manWkSwPrVTS9 | |
| mepAIS | |

Table 3-1075 Condition (continued)

| Name | Value |
|-------------------|-------|
| mepError | |
| mepLoc | |
| mepMacError | |
| mepMmg | |
| mepRemote | |
| mepXcon | |
| mirrorDestDisable | |
| mirrorDestEnable | |
| mirrorSrcDisable | |
| mirrorSrcEnable | |
| mismatch | |
| mismatchFiber | |
| mismatchSfpXfp | |
| missing | |
| mixedPFUsed | |
| mjTca | |
| mnTca | |
| mod | |
| modOutOOR | |
| msim | |
| mtcesurv | |
| mtcesurvDgr | |
| neAls | |
| neFlt | |
| neModeMismatch | |
| net | |
| netCraft | |
| neUnreachable | |
| nkm | |
| nodeDeg | |
| notUsed1 | |
| notUsed2 | |
| notUsed3 | |

Table 3-1075 Condition (continued)

| Name | Value |
|--------------------|-------|
| notUsed4 | |
| ntpChkSig | |
| ntpClkAdj | |
| ntpLor | |
| ntpOoSync | |
| nunvComm | |
| nunvConfig | |
| nunvIndetermined | |
| nunvReversion | |
| nunvTpBlocked | |
| nunvTransmission | |
| nvMismatch | |
| oaPumpBiasCurrHigh | |
| oaPumpTempHigh | |
| objCreated | |
| objDeleted | |
| ochCollision | |
| ochCollisionOut | |
| ochFdi | |
| ochIntErr | |
| ochKeyDup | |
| ochKeyOverlap | |
| ochKeysReused | |
| ochKeyUnavail | |
| ochMissing | |
| ochPdi | |
| ochPwrUnstable | |
| ochTrailDup | |
| ochTrailUnknown | |
| ochUnknown | |
| ochUnknownOut | |
| oci | |
| ociOut | |

Table 3-1075 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| ociTcm | |
| ocsAuditFail | |
| ocsAuditSuccess | |
| ocsDataFlt | |
| ocsDataRtrv | |
| ocsUnavail | |
| ocsUplinkDeleted | |
| oduAis | |
| oduAisEgress | |
| oduAisOut | |
| omsSSF | |
| openConnectionIndicationEgress | |
| opr | |
| oprIngress | |
| oprLossHigh | |
| oprLossLow | |
| oprOOR | |
| oprOut | |
| oprPwrHigh | |
| oprPwrLow | |
| oprTx | |
| oprUnachieve | |
| opticalParamErr | |
| OPTICALTEST | |
| optIntBase | |
| optIntDet | |
| optIntSusp | |
| oscSsf | |
| OSNRMESC | |
| ospfAdj | |
| OTDRSCANFAIL | |
| OTDRSCANSUCCESS | |
| otmcpf | |

Table 3-1075 Condition (continued)

| Name | Value |
|---------------------------|-------|
| otuAis | |
| ovrld | |
| PACKETCARDINIT | |
| payloadTypeMismatchEgress | |
| pcsGeneratorActive | |
| pdi | |
| pdiPauPdi | |
| PGFPGAFAIL1 | |
| PGFPGAFAIL2 | |
| PGFPGAFAIL3 | |
| PGFPGAFAIL4 | |
| PGFPGAFAIL5 | |
| PGFPGAINIT1 | |
| PGFPGAINIT2 | |
| PGFPGAINIT3 | |
| PGFPGAINIT4 | |
| PGFPGAINIT5 | |
| plm | |
| plmOduOut | |
| plmPauPlm | |
| ppsLos | |
| prcdrErr | |
| prcdrErrOut | |
| prcdrErrTopo | |
| prcdrErrTopoOut | |
| PTPFREERUN | |
| PTPGMDEGRADE | |
| PTPGMSWITCH | |
| PTPPATHSWITCH | |
| PTPPORTSWITCH | |
| PTPREFLOSS | |
| PTPREFUNSTABLE | |
| pwr | |

Table 3-1075 Condition (continued)

| Name | Value |
|---------------------|-------|
| pwrAdjComms | |
| pwrAdjFail | |
| pwrAdjFailAdd | |
| pwrAdjFailDrp | |
| pwrAdjReq | |
| pwrAdjReqAdd | |
| pwrAdjReqDrp | |
| pwrAlmp | |
| pwrEdfaMargin | |
| pwrFan | |
| pwrMargin | |
| pwrMaxGain | |
| pwrMgtOff | |
| pwrSusp | |
| pwrSuspOut | |
| pwrTiltParams | |
| pwrTiltSusp | |
| pwrUnbalance | |
| pwrUnbalanceOms | |
| ramanSup | |
| rcvrOptProg | |
| rdi | |
| rdiL | |
| readyToRevert | |
| REMOVEMOD | |
| replUnitMiss | |
| replUnitMissMOD | |
| reRouted | |
| restorationDisabled | |
| rfi | |
| rfiEgr | |
| rfiLmsRfi | |
| rfiPauRfi | |

Table 3-1075 Condition (continued)

| Name | Value |
|-------------------------|-------|
| rmdCesChannelLPL | |
| rmdCesChannelNoTdmPI | |
| rmdCesChannelRPL | |
| rmdDiscoveredDevice | |
| rmdDNR | |
| rmdEQF | |
| rmdIfEFMLOP | |
| rmdIfLOS | |
| rmdIfMauANM | |
| rmdIfMauEQF | |
| rmdIfMauLOS | |
| rmdIfMauUNI | |
| rmdIfMauWUP | |
| rmdJbRecentered | |
| rmdMepLOC | |
| rmdMepMMG | |
| rmdMepRDI | |
| rmdMepUNL | |
| rmdMepUNM | |
| rmdMepUNP | |
| rmdNDF | |
| rmdNimLOF | |
| rmdPWR | |
| rmdTypeMismatch | |
| rmdUnknownEcid | |
| rmdWDP | |
| rmdWrongDestMac | |
| routeNotPossible | |
| sapOperDown | |
| sapStateChng | |
| sapTlsMacAddrLimitAlarm | |
| sd | |
| sdegO | |

Table 3-1075 Condition (continued)

| Name | Value |
|---------------------------|-------|
| seepScrub | |
| serverSignalFailureEgress | |
| sf | |
| sfMismatch | |
| sfpEOL | |
| sfpReceiverPwrOOR | |
| sfpTempOOR | |
| sfpTrmtPwrOOR | |
| sft | |
| SHELFINCON | |
| shelfInVoltHigh | |
| shelfInVoltLow | |
| SHELFINVOLTMAXCUR | |
| signalDegradeEgress | |
| SLCBOOTCONTCOM | |
| SLCCARDINIT | |
| SLCCLKSYNC | |
| SLCCONTCOM | |
| SLCDATAFLT | |
| SLCEQPTBOOT | |
| SLCMISMATCH | |
| SLCNOTINSERVICE | |
| slcr | |
| sltmSig | |
| SPIREADERROR | |
| spLoAdjFail | |
| srgDiversity | |
| srTca | |
| ssf | |
| ssfClEgr | |
| ssfOdu | |
| ssfOduOut | |
| ssfOduTp | |

Table 3-1075 Condition (continued)

| Name | Value |
|------------------------|-------|
| ssfOtu | |
| SSFSECTION | |
| SSFSECTIONOUT | |
| ssfTcm | |
| subNodeUnreachable | |
| SUSPECTCLKFREQ | |
| svcOperDown | |
| svcStateChng | |
| svcTlsFwdTblFullAlarm | |
| svcTlsMfibTblFullAlarm | |
| swEqpt | |
| swftDwn | |
| swMtxMod | |
| swToSec | |
| swUpgCommit | |
| swUpgFail | |
| swUpgrade | |
| sync | |
| syncActRef | |
| syncClk | |
| syncClkFail | |
| syncClkFrng | |
| syncClkHldovr | |
| syncClkMode | |
| syncClkUnit | |
| syncCommand | |
| syncEqpt | |
| syncIfTimingHoldover | |
| syncIfTimingRef1Alarm | |
| syncIfTimingRef2Alarm | |
| SYNCLOSS | |
| syncMode | |
| syncOos | |

Table 3-1075 Condition (continued)

| Name | Value |
|------------------|-------|
| syncOosT4 | |
| syncRefFail | |
| syncRefUnEq | |
| syncStatChng | |
| syncSys | |
| syncSysOos | |
| syncT4Out | |
| sysBoot | |
| sysInit | |
| systemReady | |
| tBbeMs15Min | |
| tBbeMs1Day | |
| tBbeOdu15Min | |
| tBbeOdu15MinOut | |
| tBbeOdu1Day | |
| tBbeOdu1DayOut | |
| tBbeOtu15Min | |
| tBbeOtu1Day | |
| tBbeP15Min | |
| tBbeP1Day | |
| tBbePt15Min | |
| tBbePt1Day | |
| tBbeRs15Min | |
| tBbeRs1Day | |
| tBbeRst15Min | |
| tBbeRst1Day | |
| tBbeTcm15Min | |
| tBbeTcm1Day | |
| tBerPostFec15min | |
| tBerPostFec1day | |
| tBerPreFec15min | |
| tBerPreFec1day | |
| tBiaesOtu15Min | |

Table 3-1075 Condition (continued)

| Name | Value |
|----------------|-------|
| tBiaesOtu1Day | |
| tBiaesTcm15Min | |
| tBiaesTcm1Day | |
| tcmAis | |
| tCv15Min | |
| tCv1Day | |
| tCvPcs15Min | |
| tCvPcs1Day | |
| tCvPcst15Min | |
| tCvPcst1Day | |
| tCvs15Min | |
| tCvs1Day | |
| tCvst15Min | |
| tCvst1Day | |
| termOc192stm64 | |
| termOc312stm14 | |
| termOc48stm16 | |
| termOtu1 | |
| termOtu2 | |
| tEs15Min | |
| tEs1Day | |
| tEsL15Min | |
| tEsL1Day | |
| tEsMs15Min | |
| tEsMs1Day | |
| tEsOdu15Min | |
| tEsOdu15MinOut | |
| tEsOdu1Day | |
| tEsOdu1DayOut | |
| tEsOtu15Min | |
| tEsOtu1Day | |
| tEsP15Min | |
| tEsP1Day | |

Table 3-1075 Condition (continued)

| Name | Value |
|-------------------|-------|
| tEsPcs15Min | |
| tEsPcs1Day | |
| tEsPcst15Min | |
| tEsPcst1Day | |
| tEsPt15Min | |
| tEsPt1Day | |
| tEsRs15Min | |
| tEsRs1Day | |
| tEsRst15Min | |
| tEsRst1Day | |
| tEss15Min | |
| tEss1Day | |
| tEsst15Min | |
| tEsst1Day | |
| tEsTcm15Min | |
| tEsTcm1Day | |
| testMode | |
| tEthpkter15Min | |
| tEthpkter1Day | |
| tEthpktert15Min | |
| tEthpktert1Day | |
| tFebbeMs15Min | |
| tFebbeMs1Day | |
| tFebbeOdu15Min | |
| tFeBbeOdu15MinOut | |
| tFebbeOdu1Day | |
| tFeBbeOdu1DayOut | |
| tFebbeOtu15Min | |
| tFebbeOtu1Day | |
| tFebbeTcm15Min | |
| tFebbeTcm1Day | |
| tFecc15Min | |
| tFecc1Day | |

Table 3-1075 Condition (continued)

| Name | Value |
|-------------------|-------|
| tFecUbc15Min | |
| tFecUbc1Day | |
| tFecUbu15Min | |
| tFecUbu1Day | |
| tFeesMs15Min | |
| tFeesMs1Day | |
| tFeesOdu15Min | |
| tFeEsOdu15MinOut | |
| tFeesOdu1Day | |
| tFeEsOdu1DayOut | |
| tFeesOtu15Min | |
| tFeesOtu1Day | |
| tFeesTcm15Min | |
| tFeesTcm1Day | |
| tFesesMs15Min | |
| tFesesMs1Day | |
| tFesesOdu15Min | |
| tFeSesOdu15MinOut | |
| tFesesOdu1Day | |
| tFeSesOdu1DayOut | |
| tFesesOtu15Min | |
| tFesesOtu1Day | |
| tFesesTcm15Min | |
| tFesesTcm1Day | |
| tFeuasMs15Min | |
| tFeuasMs1Day | |
| tFeuasOdu15Min | |
| tFeUasOdu15MinOut | |
| tFeuasOdu1Day | |
| tFeUasOdu1DayOut | |
| tFeuasOtu15Min | |
| tFeuasOtu1Day | |
| tFeuasTcm15Min | |

Table 3-1075 Condition (continued)

| Name | Value |
|----------------|-------|
| tFeuasTcm1Day | |
| tIaesOtu15Min | |
| tIaesOtu1Day | |
| tIaesTcm15Min | |
| tIaesTcm1Day | |
| tim | |
| timOdu | |
| timOduOut | |
| timTcm | |
| toDDEG | |
| toDL0S | |
| TODREFUNSTABLE | |
| tOprh15Min | |
| tOprh1Day | |
| tOprhLane1 | |
| tOprhLane10 | |
| tOprhLane2 | |
| tOprhLane3 | |
| tOprhLane4 | |
| tOprhLane5 | |
| tOprhLane6 | |
| tOprhLane7 | |
| tOprhLane8 | |
| tOprhLane9 | |
| tOprl15Min | |
| tOprl1Day | |
| tOprlLane1 | |
| tOprlLane10 | |
| tOprlLane2 | |
| tOprlLane3 | |
| tOprlLane4 | |
| tOprlLane5 | |
| tOprlLane6 | |

Table 3-1075 Condition (continued)

| Name | Value |
|-------------------|-------|
| tOprlLane7 | |
| tOprlLane8 | |
| tOprlLane9 | |
| tOpth15Min | |
| tOpth1Day | |
| tOpthLane1 | |
| tOpthLane10 | |
| tOpthLane2 | |
| tOpthLane3 | |
| tOpthLane4 | |
| tOpthLane5 | |
| tOpthLane6 | |
| tOpthLane7 | |
| tOpthLane8 | |
| tOpthLane9 | |
| tOptl15Min | |
| tOptl1Day | |
| tOptlLane1 | |
| tOptlLane10 | |
| tOptlLane2 | |
| tOptlLane3 | |
| tOptlLane4 | |
| tOptlLane5 | |
| tOptlLane6 | |
| tOptlLane7 | |
| tOptlLane8 | |
| tOptlLane9 | |
| tPmonDmaBfd15Min | |
| tPmonDmaBfd1Day | |
| tPmonDmaffd15Min | |
| tPmonDmaffd1Day | |
| tPmonDmafFdv15Min | |
| tPmonDmafFdv1Day | |

Table 3-1075 Condition (continued)

| Name | Value |
|----------------------------------|-------|
| tPmonDmanfd15Min | |
| tPmonDmanfd1Day | |
| tPmonDmanFdv15Min | |
| tPmonDmanFdv1Day | |
| tPmonDmxBfd15Min | |
| tPmonDmxBfd1Day | |
| tPmonDmxffd15Min | |
| tPmonDmxffd1Day | |
| tPmonDmxFdv15Min | |
| tPmonDmxFdv1Day | |
| tPmonDmxnfd15Min | |
| tPmonDmxnfd1Day | |
| tPmonDmxnFdv15Min | |
| tPmonDmxnFdv1Day | |
| tPmonLmafflr15Min | |
| tPmonLmafflr1Day | |
| tPmonLmanflr15Min | |
| tPmonLmanflr1Day | |
| tPmonLmfhli15Min | |
| tPmonLmfhli1Day | |
| tPmonLmnhli15Min | |
| tPmonLmnhli1Day | |
| tPmonLmxfflr15Min | |
| tPmonLmxfflr1Day | |
| tPmonLmxnflr15Min | |
| tPmonLmxnflr1Day | |
| tPmonPortHighCapacityOctets15Min | |
| tPmonPortHighCapacityOctets1Day | |
| tPmonPortHighCapacityPkts15Min | |
| tPmonPortHighCapacityPkts1Day | |
| tPmonPortIfInDiscards15Min | |
| tPmonPortIfInDiscards1Day | |
| tPmonPortIfInErrors15Min | |

Table 3-1075 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortIfInErrors1Day | |
| tPmonPortIfInOctets15Min | |
| tPmonPortIfInOctets1Day | |
| tPmonPortIfInPackets | |
| tPmonPortIfInPackets15Min | |
| tPmonPortIfOutDiscards15Min | |
| tPmonPortIfOutDiscards1Day | |
| tPmonPortIfOutErrors15Min | |
| tPmonPortIfOutErrors1Day | |
| tPmonPortIfOutOctets15Min | |
| tPmonPortIfOutOctets1Day | |
| tPmonPortIfOutPackets15Min | |
| tPmonPortIfOutPackets1Day | |
| tPmonPortQueue1OctetsDropped15Min | |
| tPmonPortQueue1OctetsDropped1Day | |
| tPmonPortQueue1PktsDropped15Min | |
| tPmonPortQueue1PktsDropped1Day | |
| tPmonPortQueue2OctetsDropped15Min | |
| tPmonPortQueue2OctetsDropped1Day | |
| tPmonPortQueue2PktsDropped15Min | |
| tPmonPortQueue2PktsDropped1Day | |
| tPmonPortQueue3OctetsDropped15Min | |
| tPmonPortQueue3OctetsDropped1Day | |
| tPmonPortQueue3PktsDropped15Min | |
| tPmonPortQueue3PktsDropped1Day | |
| tPmonPortQueue4OctetsDropped15Min | |
| tPmonPortQueue4OctetsDropped1Day | |
| tPmonPortQueue4PktsDropped15Min | |
| tPmonPortQueue4PktsDropped1Day | |
| tPmonPortQueue5OctetsDropped15Min | |
| tPmonPortQueue5OctetsDropped1Day | |
| tPmonPortQueue5PktsDropped15Min | |
| tPmonPortQueue5PktsDropped1Day | |

Table 3-1075 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortQueue6OctetsDropped15Min | |
| tPmonPortQueue6OctetsDropped1Day | |
| tPmonPortQueue6PktsDropped15Min | |
| tPmonPortQueue6PktsDropped1Day | |
| tPmonPortQueue7OctetsDropped15Min | |
| tPmonPortQueue7OctetsDropped1Day | |
| tPmonPortQueue7PktsDropped15Min | |
| tPmonPortQueue7PktsDropped1Day | |
| tPmonPortQueue8OctetsDropped15Min | |
| tPmonPortQueue8OctetsDropped1Day | |
| tPmonPortQueue8PktsDropped15Min | |
| tPmonPortQueue8PktsDropped1Day | |
| tPmonSapIngressOctetsDropped15Min | |
| tPmonSapIngressOctetsDropped1Day | |
| tPmonSapIngressPktsDropped15Min | |
| tPmonSapIngressPktsDropped1Day | |
| tPmonSlmafflr15Min | |
| tPmonSlmafFlr1Day | |
| tPmonSlmafflrContinuous | |
| tPmonSlmanflr15Min | |
| tPmonSlmanFlr1Day | |
| tPmonSlmanflrContinuous | |
| tPmonSlmfhli15Min | |
| tPmonSlmfhli1Day | |
| tPmonSlmfhliContinuous | |
| tPmonSlmnhli15Min | |
| tPmonSlmnhli1Day | |
| tPmonSlmnhliContinuous | |
| tPmonSlmxfFlr1Day | |
| tPmonSlmxfflrContinuous | |
| tPmonSlmxnFlr1Day | |
| tPmonSlmxnflrContinuous | |
| tPostFec15Min | |

Table 3-1075 Condition (continued)

| Name | Value |
|------------------------------------|-------|
| tPostFec1Day | |
| tPreFec15Min | |
| tPreFec1Day | |
| trailTraceIdentifierMismatchEgress | |
| transferLogFL | |
| transferLogFT | |
| transferLogIP | |
| trmt | |
| trmtMOD | |
| TRUBRKROPEN | |
| tSefs15Min | |
| tSefs1Day | |
| tSefsPcs15Min | |
| tSefsPcs1Day | |
| tSefsPcst15Min | |
| tSefsPcst1Day | |
| tSefss15Min | |
| tSefss1Day | |
| tSefsst15Min | |
| tSefsst1Day | |
| tSes15Min | |
| tSes1Day | |
| tSesL15Min | |
| tSesL1Day | |
| tSesMs15Min | |
| tSesMs1Day | |
| tSesOdu15Min | |
| tSesOdu15MinOut | |
| tSesOdu1Day | |
| tSesOdu1DayOut | |
| tSesOtu15Min | |
| tSesOtu1Day | |
| tSesP15Min | |

Table 3-1075 Condition (continued)

| Name | Value |
|-----------------|-------|
| tSesP1Day | |
| tSesPcs15Min | |
| tSesPcs1Day | |
| tSesPest15Min | |
| tSesPest1Day | |
| tSesPt15Min | |
| tSesPt1Day | |
| tSesRs15Min | |
| tSesRs1Day | |
| tSesRst15Min | |
| tSesRst1Day | |
| tSess15Min | |
| tSess1Day | |
| tSesst15Min | |
| tSesst1Day | |
| tSesTcm15Min | |
| tSesTcm1Day | |
| tsMismatch | |
| tsMismatchOut | |
| tUasMs15Min | |
| tUasMs1Day | |
| tUasOdu15Min | |
| tUasOdu15MinOut | |
| tUasOdu1Day | |
| tUasOdu1DayOut | |
| tUasOtu15Min | |
| tUasOtu1Day | |
| tUasP15Min | |
| tUasP1Day | |
| tUasPt15Min | |
| tUasPt1Day | |
| tUasRs15Min | |
| tUasRs1Day | |

Table 3-1075 Condition (continued)

| Name | Value |
|------------------|-------|
| tUasRst15Min | |
| tUasRst1Day | |
| tUasTcm15Min | |
| tUasTcm1Day | |
| unexWkSet | |
| unknown | |
| unknownNotif | |
| unknownSfpXfp | |
| unL | |
| unM | |
| unMOrUnP | |
| unP | |
| unPr | |
| upm | |
| uruOchLos | |
| uruOmsRx | |
| uruOmsTx | |
| uruOtsLos | |
| uruOtsRx | |
| uruOtsTx | |
| uruOtu | |
| uruS | |
| usAis | |
| usAls | |
| userEqptMismatch | |
| usFlt | |
| usIdle | |
| usLos | |
| usOchCollision | |
| usSFEber | |
| vcgDown | |
| vcgLoa | |
| vcgMap | |

Table 3-1075 Condition (continued)

| Name | Value |
|-----------------|-------|
| vcgSsf | |
| vcMfi | |
| voltage | |
| voltageHigh | |
| voltageLow | |
| vtsConnCreation | |
| vtsFdi | |
| vtsFdi1 | |
| vtsFdi10 | |
| vtsFdi11 | |
| vtsFdi12 | |
| vtsFdi13 | |
| vtsFdi14 | |
| vtsFdi15 | |
| vtsFdi16 | |
| vtsFdi17 | |
| vtsFdi18 | |
| vtsFdi19 | |
| vtsFdi2 | |
| vtsFdi20 | |
| vtsFdi21 | |
| vtsFdi22 | |
| vtsFdi23 | |
| vtsFdi24 | |
| vtsFdi25 | |
| vtsFdi26 | |
| vtsFdi27 | |
| vtsFdi28 | |
| vtsFdi29 | |
| vtsFdi3 | |
| vtsFdi30 | |
| vtsFdi31 | |
| vtsFdi32 | |

Table 3-1075 Condition (continued)

| Name | Value |
|----------|-------|
| vtsFdi4 | |
| vtsFdi5 | |
| vtsFdi6 | |
| vtsFdi7 | |
| vtsFdi8 | |
| vtsFdi9 | |
| vtsOci | |
| vtsOci1 | |
| vtsOci10 | |
| vtsOci11 | |
| vtsOci12 | |
| vtsOci13 | |
| vtsOci14 | |
| vtsOci15 | |
| vtsOci16 | |
| vtsOci17 | |
| vtsOci18 | |
| vtsOci19 | |
| vtsOci2 | |
| vtsOci20 | |
| vtsOci21 | |
| vtsOci22 | |
| vtsOci23 | |
| vtsOci24 | |
| vtsOci25 | |
| vtsOci26 | |
| vtsOci27 | |
| vtsOci28 | |
| vtsOci29 | |
| vtsOci3 | |
| vtsOci30 | |
| vtsOci31 | |
| vtsOci32 | |

Table 3-1075 Condition (continued)

| Name | Value |
|-------------------|-------|
| vtsOci4 | |
| vtsOci5 | |
| vtsOci6 | |
| vtsOci7 | |
| vtsOci8 | |
| vtsOci9 | |
| warnTca | |
| wkSwBk | |
| wkSwPr | |
| wkSwPrVTS1 | |
| wkSwPrVTS10 | |
| wkSwPrVTS2 | |
| wkSwPrVTS3 | |
| wkSwPrVTS4 | |
| wkSwPrVTS5 | |
| wkSwPrVTS6 | |
| wkSwPrVTS7 | |
| wkSwPrVTS8 | |
| wkSwPrVTS9 | |
| wtocmaPoutRanOsnr | |
| wtr | |

Default Severity**Table 3-1076 Default Severity**

| Name | Value |
|-----------------------|------------------|
| Description | Default severity |
| Displayed name | Default Severity |
| Mandatory on creation | yes |
| OSS name | defaultSeverity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |

Table 3-1076 Default Severity (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

Ethernet Ring ID

Table 3-1077 Ethernet Ring ID

| Name | Value |
|----------------|------------------|
| Default | yes:0 |
| Displayed name | Ethernet Ring ID |
| OSS name | ethRingId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Override Severity

Table 3-1078 Override Severity

| Name | Value |
|----------------|-------------------|
| Description | Override severity |
| Displayed name | Override Severity |
| OSS name | severity |
| Read-only | no |

Table 3-1078 Override Severity (continued)

| Name | Value |
|--------------------------|-----------------|
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

Ethernet Ring Element parameters

Administrative State

Table 3-1079 Administrative State

| Name | Value |
|----------------|--------------------------|
| Default | yes:tmnxOutOfService |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | netw.AdministrativeState |

APS Tx PDU
Table 3-1080 APS Tx PDU

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | APS Tx PDU |
| OSS name | txApsPdu |
| Read-only | yes |
| Tab Panel | General APS Tx PDU |
| Type | STRING |

CCM Hold Time Down**Table 3-1081 CCM Hold Time Down**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the time used for the hold-timer for associated Continuity Check (CC) Session down event dampening. |
| Displayed name | CCM Hold Time Down |
| Maximum | 5000 |
| Minimum | 0 |
| OSS name | holdTimeDown |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |
| Units | centiseconds |

CCM Hold Time Up**Table 3-1082 CCM Hold Time Up**

| Name | Value |
|----------------|---|
| Default | yes:20 |
| Description | Specifies the time used for the hold-timer for associated Continuity Check (CC) Session up event dampening. |
| Displayed name | CCM Hold Time Up |
| Maximum | 5000 |

Table 3-1082 CCM Hold Time Up (continued)

| Name | Value |
|-------------|-----------------|
| Minimum | 0 |
| OSS name | holdTimeUp |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |
| Units | deciseconds |

Compatible Version**Table 3-1083 Compatible Version**

| Name | Value |
|--------------------------|--------------------------|
| Default | yes:v2 |
| Displayed name | Compatible Version |
| OSS name | compatibleVersion |
| Read-only | no |
| Tab Panel | General General |
| Type | EthRingCompatibleVersion |
| Enumerated types: | |
| Version 1 | |
| Version 2 | |

Description**Table 3-1084 Description**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Ethernet Ring Defect Status

Table 3-1085 Ethernet Ring Defect Status

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | Indicates what defects are active on the Ethernet Ring. The defects are defined as: dFopPM -- Provisioning Mismatch |
| Displayed name | Ethernet Ring Defect Status |
| OSS name | defectStatus |
| Read-only | yes |
| Tab Panel | General General |
| Type | EthRingDefectMask |
| Enumerated types: | |
| none | |
| Provisioning Mismatch | |

Ethernet Ring ID

Table 3-1086 Ethernet Ring ID

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the id of the Element this Element is interconnected to. A value of 4294967295 specifies that this Element is interconnected to a VPLS service. This property can only be set to 4294967295 if the subRingType is set to 'nonVirtualLink'. A value of 0 specifies that this Element is not interconnected. |
| Displayed name | Ethernet Ring ID |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | subRingInterconnectId |
| Read-only | no |
| Tab Panel | General Sub-Ring |
| Type | LONG |

Ethernet Ring Interconnect

Table 3-1087 Ethernet Ring Interconnect

| Name | Value |
|----------------|----------------------------|
| Default | yes: |
| Displayed name | Ethernet Ring Interconnect |
| OSS name | interconnectPointer |
| Read-only | yes |
| Tab Panel | General Sub-Ring |
| Type | POINTER |

Ethernet Ring Manager

Table 3-1088 Ethernet Ring Manager

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Ethernet Ring Manager |
| OSS name | ringPointer |
| Read-only | yes |
| Tab Panel | General General |
| Type | POINTER |

Guard Time

Table 3-1089 Guard Time

| Name | Value |
|----------------|---|
| Default | yes:5 |
| Description | Specifies the guard timer, in deciseconds, of a Ring-APS (R-APS) node. The guard timer is used to prevent the Ethernet Ring node from acting upon outdated R-APS messages and prevent the possibility of forming a closed loop. While the guard timer is running, any received R-APS Request/State and Status information is blocked and not forwarded to the Priority Logic. When the guard timer is not running, the R-APS Request/State and Status information is forwarded unchanged. |
| Displayed name | Guard Time |
| Maximum | 20 |
| Minimum | 1 |
| OSS name | guardTime |
| Read-only | no |

Table 3-1089 Guard Time (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | INT |
| Units | deciseconds |

ID**Table 3-1090 ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:autoId |
| Displayed name | ID |
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

MEG Level**Table 3-1091 MEG Level**

| Name | Value |
|-----------------------|---|
| Default | yes:0 |
| Description | MEG level of the R-APS PDU to be inserted for this Ring. This object must be specified while creating a row in this table. Once the row has been created, the value of this object cannot be changed. |
| Displayed name | MEG Level |
| Mandatory on creation | yes |
| Maximum | 7 |
| Minimum | 0 |
| OSS name | megLevel |
| Read-only | no |
| Tab Panel | General Service |
| Type | INT |

Operational State

Table 3-1092 Operational State

| Name | Value |
|----------------|-----------------------|
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General General |
| Type | netw.OperationalState |

Propagate Topology Change

Table 3-1093 Propagate Topology Change

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether or not the Element propagates topology changes to the interconnected Element as specified by the value of subRingInterconnectId. |
| Displayed name | Propagate Topology Change |
| OSS name | subRingPropTopChange |
| Read-only | no |
| Tab Panel | General Sub-Ring |
| Type | BOOL |

Protection State

Table 3-1094 Protection State

| Name | Value |
|--------------------------|-----------------------|
| Displayed name | Protection State |
| OSS name | protectState |
| Read-only | yes |
| Tab Panel | General General |
| Type | MprProtectedStateType |
| Enumerated types: | |
| Deactivated | |
| Forced Switch | |
| Idle | |

Table 3-1094 Protection State (continued)

| Name | Value |
|---------------|-------|
| Manual Switch | |
| Pending | |
| Protection | |

R-APS Vlan Id**Table 3-1095 R-APS Vlan Id**

| Name | Value |
|-----------------------|-----------------|
| Displayed name | R-APS Vlan Id |
| Mandatory on creation | yes |
| Maximum | 4080 |
| Minimum | 2 |
| OSS name | ringVlanId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Radio Ring Topology**Table 3-1096 Radio Ring Topology**

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Radio Ring Topology |
| OSS name | topologyPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Request/State**Table 3-1097 Request/State**

| Name | Value |
|---------|--------|
| Default | yes:NA |

Table 3-1097 Request/State (continued)

| Name | Value |
|--------------------------|----------------------------|
| Displayed name | Request/State |
| OSS name | txApsPduRequestState |
| Read-only | yes |
| Tab Panel | General APS Tx PDU |
| Type | RingApsPduRequestStateEnum |
| Enumerated types: | |
| 0x0 (NR) | |
| 0x7 (MS) | |
| 0xB (SF) | |
| 0xD (FS) | |
| 0xE (Event) | |
| N/A | |

Revert ERP Version Fallback**Table 3-1098 Revert ERP Version Fallback**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:false |
| Displayed name | Revert ERP Version Fallback |
| OSS name | revertVersionFallback |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Revert Time**Table 3-1099 Revert Time**

| Name | Value |
|----------------|---|
| Default | yes:300 |
| Description | Specifies the Wait-To-Restore (WTR) timer, in seconds. The WTR timer is used to prevent frequent operation of the protection switching due to intermittent signal failure defects. The valid range is 60 to 720 seconds. A value of 0 puts the Ethernet Ring Element into a non-revertive mode. |
| Displayed name | Revert Time |

Table 3-1099 Revert Time (continued)

| Name | Value |
|-------------|-----------------|
| Maximum | 720 |
| Minimum | 0 |
| OSS name | revertTime |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |
| Units | seconds |

Revert Time Count Down**Table 3-1100 Revert Time Count Down**

| Name | Value |
|----------------|------------------------|
| Default | yes:0 |
| Displayed name | Revert Time Count Down |
| OSS name | revertTimeCountDn |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |
| Units | seconds |

Revertive Mode**Table 3-1101 Revertive Mode**

| Name | Value |
|----------------|-----------------|
| Default | yes:true |
| Displayed name | Revertive Mode |
| OSS name | revertive |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Ring Element Location

Table 3-1102 Ring Element Location

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | Pointer to the Card Slot which this Element is configured on |
| Displayed name | Ring Element Location |
| Mandatory on creation | yes |
| OSS name | ethernetSwitchCardPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Ring Node ID

Table 3-1103 Ring Node ID

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Ring Node ID |
| OSS name | ringNodeId |
| Read-only | no |
| Tab Panel | General General |
| Type | MACADDR |

Ring Protection Link Type

Table 3-1104 Ring Protection Link Type

| Name | Value |
|----------------|--|
| Default | yes:rplNone |
| Description | Specifies the Ring Protection Link (RPL) type of the Ethernet Ring Element. If this property is set to 'rplNone', the Ethernet Ring Element is not designated as either an RPL Owner or Neighbor. If this property is set to 'rplOwner', the Ethernet Ring Element is adjacent to the RPL that is responsible for blocking its end of the RPL under normal conditions. It is the responsibility of the rplOwner for activating reversion behaviour from protected or MS/FS conditions. If this property is set to 'rplNeighbor', the Ethernet Ring Element is adjacent to the RPL that is responsible for blocking its end of the RPL under normal conditions in addition to the block by the RPL Owner Node. The Ethernet Ring Element is not responsible for activating the reversion. |
| Displayed name | Ring Protection Link Type |

Table 3-1104 Ring Protection Link Type (continued)

| Name | Value |
|--------------------------|-----------------|
| OSS name | rplType |
| Read-only | no |
| Tab Panel | General General |
| Type | RplNodeType |
| Enumerated types: | |
| Neighbor | |
| None | |
| Owner | |

Ring Type

Table 3-1105 Ring Type

| Name | Value |
|--------------------------|--------------------|
| Default | yes:normal |
| Displayed name | Ring Type |
| OSS name | erpRingType |
| Read-only | yes |
| Tab Panel | General General |
| Type | EthRingErpRingType |
| Enumerated types: | |
| Normal Ring | |
| Sub Ring | |

Service

Table 3-1106 Service

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | Service |
| Mandatory on creation | yes |
| OSS name | servicePointer |
| Read-only | no |
| Tab Panel | General Service |

Table 3-1106 Service (continued)

| Name | Value |
|------|---------|
| Type | POINTER |

Site ID**Table 3-1107 Site ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Mandatory on creation | yes |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Status**Table 3-1108 Status**

| Name | Value |
|--------------------------|----------------------|
| Displayed name | Status |
| OSS name | txApsPduStatus |
| Read-only | yes |
| Tab Panel | General APS Tx PDU |
| Type | RingApsPduStatusMask |
| Enumerated types: | |
| Blocked Port Reference | |
| Do Not Flush | |
| RPL Blocked | |

Sub-Code**Table 3-1109 Sub-Code**

| Name | Value |
|---------|--------|
| Default | yes:NA |

Table 3-1109 Sub-Code (continued)

| Name | Value |
|--------------------------|-----------------------|
| Displayed name | Sub-Code |
| OSS name | txApsPduSubCode |
| Read-only | yes |
| Tab Panel | General APS Tx PDU |
| Type | RingApsPduSubCodeEnum |
| Enumerated types: | |
| | 0x0 |
| | N/A |

Switch Command

Table 3-1110 Switch Command

| Name | Value |
|--------------------------|----------------------|
| Default | yes:ethRingNoCmd |
| Displayed name | Switch Command |
| OSS name | switchCommand |
| Read-only | no |
| Tab Panel | General General |
| Type | EthRingCmdSwitchEnum |
| Enumerated types: | |
| | Clear |
| | Force Switch |
| | Manual Switch |
| | No Command |

Type

Table 3-1111 Type

| Name | Value |
|-------------|---|
| Default | yes:none |
| Description | Specifies whether this Element is a sub-ring or not. A value of 'none' specifies that the Element is not a sub-ring. A value 'virtualLink' specifies that the Element is a sub-ring with R-APS virtual channel. A value of 'nonVirtualLink' specifies that the Element is a sub-ring without R-APS virtual channel. |

Table 3-1111 Type (continued)

| Name | Value |
|--------------------------|--------------------|
| Displayed name | Type |
| OSS name | subRingType |
| Read-only | no |
| Tab Panel | General Sub-Ring |
| Type | EthRingSubRingType |
| Enumerated types: | |
| Non Virtual Link | |
| None | |
| Virtual Link | |

Virtual Channel

Table 3-1112 Virtual Channel

| Name | Value |
|----------------|-----------------|
| Default | yes:true |
| Displayed name | Virtual Channel |
| OSS name | virtualChannel |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Ethernet Ring parameters

Control SAP

Table 3-1113 Control SAP

| Name | Value |
|----------------|--------------------|
| Displayed name | Control SAP |
| OSS name | controlFlag |
| Read-only | yes |
| Tab Panel | General General |
| Type | generic.TruthValue |

Path Endpoint
Table 3-1114 Path Endpoint

| Name | Value |
|----------------|------------------|
| Displayed name | Path Endpoint |
| OSS name | pathEndptPointer |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Ethernet Ring Path Endpoint parameters

Actual Maximum Frame Size**Table 3-1115 Actual Maximum Frame Size**

| Name | Value |
|----------------|---------------------------|
| Default | yes:1500 |
| Displayed name | Actual Maximum Frame Size |
| OSS name | actualMtu |
| Read-only | yes |
| Tab Panel | Port General |
| Type | INT |
| Units | bytes |

Administrative State**Table 3-1116 Administrative State**

| Name | Value |
|----------------|----------------------|
| Default | yes:unspecified |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | AdministrativeState |

APS Rx PDU
Table 3-1117 APS Rx PDU

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | APS Rx PDU |
| OSS name | rxApsPdu |
| Read-only | yes |
| Tab Panel | General APS Rx PDU |
| Type | STRING |

Current State**Table 3-1118 Current State**

| Name | Value |
|--------------------------|------------------------------|
| Displayed name | Current State |
| OSS name | currState |
| Read-only | yes |
| Tab Panel | General General |
| Type | RingPathEndpointFwdStateType |
| Enumerated types: | |
| Blocked | |
| Normal | |

Description**Table 3-1119 Description**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Encapsulation Type

Table 3-1120 Encapsulation Type

| Name | Value |
|----------------|-------------------------|
| Default | yes:unspecified |
| Displayed name | Encapsulation Type |
| OSS name | encapType |
| Read-only | no |
| Tab Panel | Port General |
| Type | equipment.PortEncapType |

Ethernet Path

Table 3-1121 Ethernet Path

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Ethernet Path |
| OSS name | ethernetPathPointer |
| Read-only | yes |
| Tab Panel | General Ethernet Path |
| Type | POINTER |

Forwarding State

Table 3-1122 Forwarding State

| Name | Value |
|--------------------------|------------------------------|
| Displayed name | Forwarding State |
| OSS name | fwdState |
| Read-only | yes |
| Tab Panel | General General |
| Type | RingPathEndpointFwdStateType |
| Enumerated types: | |
| Blocked | |
| Normal | |

Forwarding State Change Time
Table 3-1123 Forwarding State Change Time

| Name | Value |
|----------------|------------------------------|
| Default | yes:0 |
| Displayed name | Forwarding State Change Time |
| OSS name | fwdStateChgTime |
| Read-only | yes |
| Tab Panel | General General |
| Type | DATE |

Maximum Frame Size Mismatch**Table 3-1124 Maximum Frame Size Mismatch**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value is set to 'true' when the provisioned MTU value is greater than the actual MTU value (provisionedMtu > actualMtu). |
| Displayed name | Maximum Frame Size Mismatch |
| OSS name | mtuMismatch |
| Read-only | yes |
| Tab Panel | Port General |
| Type | BOOL |

MEG ID**Table 3-1125 MEG ID**

| Name | Value |
|-----------------------|---|
| Default | yes:1 |
| Description | MEG Id for port (the vlaue ranges from 1 to 16) |
| Displayed name | MEG ID |
| Mandatory on creation | yes |
| Maximum | 16 |
| Minimum | 1 |
| OSS name | megId |
| Read-only | no |

Table 3-1125 MEG ID (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | LONG |

Member Port**Table 3-1126 Member Port**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Member Port |
| OSS name | ctpPointer |
| Read-only | yes |
| Tab Panel | Port General |
| Type | POINTER |

OAM Event**Table 3-1127 OAM Event**

| Name | Value |
|----------------|--------------------|
| Default | yes:false |
| Displayed name | OAM Event |
| OSS name | oamEvent |
| Read-only | no |
| Tab Panel | General General |
| Type | generic.TruthValue |

Operational State**Table 3-1128 Operational State**

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |

Table 3-1128 Operational State (continued)

| Name | Value |
|-------------|------------------|
| Tab Panel | General General |
| Type | OperationalState |

Path Endpoint Type**Table 3-1129 Path Endpoint Type**

| Name | Value |
|--------------------------|---|
| Default | yes:normal |
| Description | Specifies if the Path Endpoint acts as an RPL End. This is only configurable if the rplType of the Ethernet Ring Element is to 'rplOwner' or 'rplNeighbor'. |
| Displayed name | Path Endpoint Type |
| OSS name | pathEndpointRplType |
| Read-only | no |
| Tab Panel | General General |
| Type | RplPathEndpointType |
| Enumerated types: | |
| Normal | |
| Ring Protection Link End | |

Path ID**Table 3-1130 Path ID**

| Name | Value |
|--------------------------|---------------------------|
| Default | yes:pathA |
| Displayed name | Path ID |
| Mandatory on creation | yes |
| OSS name | pathId |
| Read-only | no |
| Tab Panel | General General |
| Type | RingPathEndpointIndexType |
| Enumerated types: | |
| Path A | |
| Path B | |

Port**Table 3-1131 Port**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Port |
| Maximum | 252 |
| OSS name | portName |
| Read-only | yes |
| Tab Panel | Port General |
| Type | STRING |

Port ID**Table 3-1132 Port ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0 |
| Displayed name | Port ID |
| OSS name | portId |
| Read-only | yes |
| Tab Panel | Port General |
| Type | LONG |

Provisioned Maximum Frame Size**Table 3-1133 Provisioned Maximum Frame Size**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:1500 |
| Displayed name | Provisioned Maximum Frame Size |
| OSS name | provisionedMtu |
| Read-only | yes |
| Tab Panel | Port General |
| Type | INT |
| Units | bytes |

R-APS Tag (Inner Encapsulation Value)**Table 3-1134 R-APS Tag (Inner Encapsulation Value)**

| Name | Value |
|-----------------------|--|
| Default | yes:0 |
| Description | Provisioned inner encap value. This value is propagated into: terminatedPortInnerEncapValue. |
| Displayed name | R-APS Tag (Inner Encapsulation Value) |
| Mandatory on creation | yes |
| Maximum | 4095 |
| Minimum | 0 |
| OSS name | innerEncapValue |
| Read-only | no |
| Tab Panel | Port General |
| Type | INT |

R-APS Tag (Outer Encapsulation Value)**Table 3-1135 R-APS Tag (Outer Encapsulation Value)**

| Name | Value |
|-----------------------|--|
| Default | yes:0 |
| Description | Provisioned outer encap value. This value is propagated into: terminatedPortOuterEncapValue. |
| Displayed name | R-APS Tag (Outer Encapsulation Value) |
| Mandatory on creation | yes |
| Maximum | 4094 |
| Minimum | 1 |
| OSS name | outerEncapValue |
| Read-only | no |
| Tab Panel | Port General |
| Type | INT |

Remote MEP
Table 3-1136 Remote MEP

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Remote MEP |
| OSS name | remoteMepPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Request/State**Table 3-1137 Request/State**

| Name | Value |
|--------------------------|----------------------------|
| Default | yes:NA |
| Displayed name | Request/State |
| OSS name | rxApsPduRequestState |
| Read-only | yes |
| Tab Panel | General APS Rx PDU |
| Type | RingApsPduRequestStateEnum |
| Enumerated types: | |
| 0x0 (NR) | |
| 0x7 (MS) | |
| 0xB (SF) | |
| 0xD (FS) | |
| 0xE (Event) | |
| N/A | |

Ring Element ID**Table 3-1138 Ring Element ID**

| Name | Value |
|----------------|-----------------|
| Displayed name | Ring Element ID |
| OSS name | ringElementId |
| Read-only | yes |

Table 3-1138 Ring Element ID (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | INT |

Site ID**Table 3-1139 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-1140 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Status**Table 3-1141 Status**

| Name | Value |
|----------------|----------------|
| Displayed name | Status |
| OSS name | rxApsPduStatus |

Table 3-1141 Status (continued)

| Name | Value |
|--------------------------|----------------------|
| Read-only | yes |
| Tab Panel | General APS Rx PDU |
| Type | RingApsPduStatusMask |
| Enumerated types: | |
| Blocked Port Reference | |
| Do Not Flush | |
| RPL Blocked | |

Sub-Code**Table 3-1142 Sub-Code**

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:NA |
| Displayed name | Sub-Code |
| OSS name | rxApsPduSubCode |
| Read-only | yes |
| Tab Panel | General APS Rx PDU |
| Type | RingApsPduSubCodeEnum |
| Enumerated types: | |
| 0x0 | |
| N/A | |

Switch Command**Table 3-1143 Switch Command**

| Name | Value |
|--------------------------|----------------------|
| Default | yes:ethRingNoCmd |
| Displayed name | Switch Command |
| OSS name | switchCommand |
| Read-only | no |
| Tab Panel | General General |
| Type | EthRingCmdSwitchEnum |
| Enumerated types: | |

Table 3-1143 Switch Command (continued)

| Name | Value |
|---------------|-------|
| Clear | |
| Force Switch | |
| Manual Switch | |
| No Command | |

Underlying Port State

Table 3-1144 Underlying Port State

| Name | Value |
|----------------|---|
| Default | yes:noAssociation |
| Description | State of the underlying resource. (An underlying resource is for example a netw.ConnectionTerminationPoint) |
| Displayed name | Underlying Port State |
| OSS name | underlyingResourceState |
| Read-only | yes |
| Tab Panel | Port General |
| Type | UnderlyingResourceState |

EthernetCtp parameters

Assigned Rate

Table 3-1145 Assigned Rate

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

CE-VLAN ID**Table 3-1146 CE-VLAN ID**

| Name | Value |
|----------------|---|
| Description | CE-VLANID string indicates the CE-VLANID or CE-VLANID ranges, separated by comma. Example: 1,5,1-100. Current configurable range: 1 to 4095, ALL. |
| Displayed name | CE-VLAN ID |
| OSS name | ceVlan |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Ctp ID**Table 3-1147 Ctp ID**

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Layer Type**Table 3-1148 Layer Type**

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.LayerType |

Name

Table 3-1149 Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

S-VLAN ID

Table 3-1150 S-VLAN ID

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | S-VLANID string indicates the S-VLANID on Line Port Current configurable range: 1 to 4095. |
| Displayed name | S-VLAN ID |
| Maximum | 4095 |
| Minimum | 0 |
| OSS name | sVlan |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Site ID

Table 3-1151 Site ID

| Name | Value |
|----------------|---------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |

Table 3-1151 Site ID (continued)

| Name | Value |
|-------------|--------------|
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-1152 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

VTS Direction**Table 3-1153 VTS Direction**

| Name | Value |
|----------------|---|
| Description | If Direction = Egress, an entry is made in the tnEgressVtsMap table/tnEgressVtsCmodeMap Table. If Direction = Ingress, an entry is made in the tnIngressVtsMactable/tnIngressVtsCmodeMap Table. If Direction = Ingress and Egress, an entry is made in the tnVtsMapTable OR On Both tnIngressVtsCmodeMapTable and tnEgressVtsCmodeMapTable. |
| Displayed name | VTS Direction |
| OSS name | vtsDirection |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.VTSDirection |

Fan Tray parameters

Administrative State

Table 3-1154 Administrative State

| Name | Value |
|--------------------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General Equipment |
| Type | AdministrativeState |
| Enumerated types: | |
| Diagnose | |
| Down | |
| Locked | |
| Maintenance | |
| Not Relevant | |
| Operate Switch | |
| Shutting Down | |
| Unknown | |
| Unlocked | |
| Up | |

Background Diagnostics Fault Reason

Table 3-1155 Background Diagnostics Fault Reason

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Displayed name | Background Diagnostics Fault Reason |
| OSS name | backgroundDiagnosticsFaultReason |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Background Diagnostics State
Table 3-1156 Background Diagnostics State

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:unknown |
| Displayed name | Background Diagnostics State |
| OSS name | backgroundDiagnosticsState |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | BackgroundDiagnosticsStateType |
| Enumerated types: | |
| Critical Fault Detected | |
| Fault Detected | |
| N/A | |
| Ok | |
| Unknown | |

CLEI Code**Table 3-1157 CLEI Code**

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General Equipment Location Codes |
| Type | STRING |

Description**Table 3-1158 Description**

| Name | Value |
|----------------|-------------|
| Default | yes: |
| Displayed name | Description |

Table 3-1158 Description (continued)

| Name | Value |
|-------------|-----------------|
| Maximum | 255 |
| Minimum | 0 |
| OSS name | description |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Device State

Table 3-1159 Device State

| Name | Value |
|--------------------------|-----------------|
| Default | yes:1 |
| Displayed name | Device State |
| OSS name | deviceState |
| Read-only | yes |
| Tab Panel | General General |
| Type | DeviceState |
| Enumerated types: | |
| Failed | |
| MinorFailure | |
| Not Equipped | |
| OK | |
| OutOfservice | |
| Unknown | |

Fan Type

Table 3-1160 Fan Type

| Name | Value |
|----------------|----------|
| Default | yes:fans |
| Displayed name | Fan Type |
| OSS name | fanType |
| Read-only | no |

Table 3-1160 Fan Type (continued)

| Name | Value |
|--------------------------|-----------------|
| Tab Panel | General General |
| Type | FansType |
| Enumerated types: | |
| A-FANS | |
| FANS | |

Firmware Revision Status

Table 3-1161 Firmware Revision Status

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:notApplicable |
| Displayed name | Firmware Revision Status |
| OSS name | hwFirmwareRevisionStatus |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | HwFirmwareRevisionStatusTypes |
| Enumerated types: | |
| Acceptable | |
| Not Acceptable | |
| Not Applicable | |
| Upgrade Pending | |
| Upgrading | |

Hardware Class

Table 3-1162 Hardware Class

| Name | Value |
|----------------|------------------------------|
| Default | no |
| Displayed name | Hardware Class |
| OSS name | hardwareClass |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | HardwareClassType |

Table 3-1162 Hardware Class (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| External Alarm Input | |
| Fam | |
| N/A | |

Manufacture Date**Table 3-1163 Manufacture Date**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacture Date |
| Maximum | 252 |
| OSS name | manufactureDate |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturer**Table 3-1164 Manufacturer**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturer |
| Maximum | 252 |
| OSS name | manufacturer |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Assembly No**Table 3-1165 Manufacturing Assembly No**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Assembly No |
| OSS name | manufacturingAssemblyNo |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Deviations**Table 3-1166 Manufacturing Deviations**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Deviations |
| OSS name | manufacturingDeviations |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Variant**Table 3-1167 Manufacturing Variant**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Variant |
| OSS name | manufacturingVariant |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Operational State

Table 3-1168 Operational State

| Name | Value |
|--------------------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | OperationalState |
| Enumerated types: | |
| Booting | |
| Degraded | |
| Diagnosing | |
| Disabled | |
| Down | |
| Downgrade | |
| Empty | |
| Enabled | |
| Failed | |
| In Service Downgrade | |
| In Service Upgrade | |
| Indeterminate | |
| Invalid Connection | |
| No Link | |
| Not Present | |
| Not Relevant | |
| Provisioned | |
| Reserved | |
| Reset Pending | |
| Shutting Down | |
| Soft Reset | |
| Testing | |
| Transition | |
| Unknown | |
| Unprovisioned | |

Table 3-1168 Operational State (continued)

| Name | Value |
|-----------------|-------|
| Unsupported SFF | |
| Up | |
| Upgrade | |

Part Number**Table 3-1169 Part Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Part Number |
| Maximum | 252 |
| OSS name | manufacturerBoardNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Serial Number**Table 3-1170 Serial Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Serial Number |
| Maximum | 252 |
| OSS name | serialNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Shelf ID**Table 3-1171 Shelf ID**

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 3-1171 Shelf ID (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Shelf ID |
| OSS name | shelfId |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Site ID**Table 3-1172 Site ID**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site Name**Table 3-1173 Site Name**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Speed
Table 3-1174 Speed

| Name | Value |
|--------------------------|-----------------|
| Default | yes:unknown |
| Displayed name | Speed |
| OSS name | speed |
| Read-only | yes |
| Tab Panel | General General |
| Type | FanSpeed |
| Enumerated types: | |
| Full Speed | |
| Half Speed | |
| Low Speed | |
| Normal | |
| Off | |
| Unknown | |

Tray ID**Table 3-1175 Tray ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:1 |
| Displayed name | Tray ID |
| Mandatory on creation | yes |
| OSS name | fanId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

FIB Entry parameters

Backbone Destination MAC Address

Table 3-1176 Backbone Destination MAC Address

| Name | Value |
|----------------|---|
| Default | yes:00-00-00-00-00-00 |
| Description | Indicates the Backbone VPLS service MAC address used as destination MAC address in the Provider Backbone Bridging frames for this MAC address. This property only applies to I-VPLS service site and should contain a value of 0:0:0:0:0 for other types of service site. |
| Displayed name | Backbone Destination MAC Address |
| OSS name | backboneDestMac |
| Read-only | yes |
| Tab Panel | General PBB |
| Type | MACADDR |

Customer ID

Table 3-1177 Customer ID

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Customer ID |
| OSS name | subscriberId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

MAC Address

Table 3-1178 MAC Address

| Name | Value |
|-----------------------|-------------|
| Default | no |
| Displayed name | MAC Address |
| Mandatory on creation | yes |
| OSS name | macAddress |
| Read-only | no |

Table 3-1178 MAC Address (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | MACADDR |

Name**Table 3-1179 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Node ID**Table 3-1180 Node ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0.0.0.0 |
| Displayed name | Node ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Node Name**Table 3-1181 Node Name**

| Name | Value |
|----------------|-------------|
| Default | yes:0.0.0.0 |
| Displayed name | Node Name |

Table 3-1181 Node Name (continued)

| Name | Value |
|-------------|-----------------|
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Number of EPIPEs**Table 3-1182 Number of EPIPEs**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the number of E-Pipes that resolve to this MAC Address. This property only applies to B-VPLS service site and should contain a value of 0 for other types of service site. |
| Displayed name | Number of EPIPEs |
| OSS name | numOfEpipes |
| Read-only | yes |
| Tab Panel | General PBB |
| Type | LONG |

Number of I-VPLS MAC**Table 3-1183 Number of I-VPLS MAC**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the number of ISID VPLS service MAC addresses which are using this Backbone MAC address forwarding entry. This property only applies to B-VPLS service site and should contain a value of 0 for other types of service site. |
| Displayed name | Number of I-VPLS MAC |
| OSS name | numOfIvplsMac |
| Read-only | yes |
| Tab Panel | General PBB |
| Type | LONG |

Operational Spoke SDP Binding
Table 3-1184 Operational Spoke SDP Binding

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | A pointer pointing to the Spoke SDP Binding associated to this static MAC address for this end point when the termination type is "endpoint". |
| Displayed name | Operational Spoke SDP Binding |
| OSS name | endpointOperSdpBindingPointer |
| Read-only | yes |
| Tab Panel | General Endpoint |
| Type | POINTER |

Protected**Table 3-1185 Protected**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Indicates whether or not the MAC is protected. When the value of this object is 'true' the agent will protect the MAC from being learned or re-learned on a SAP that has restricted learning enabled. |
| Displayed name | Protected |
| OSS name | isProtected |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Service ID**Table 3-1186 Service ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Service ID |
| OSS name | serviceId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Type
Table 3-1187 Type

| Name | Value |
|----------------|---------------------------|
| Default | yes:unknown |
| Displayed name | Type |
| OSS name | type |
| Read-only | no |
| Tab Panel | General General |
| Type | netw.ForwardingObjectType |

FrameBasedAccounting parameters

Egress**Table 3-1188 Egress**

| Name | Value |
|----------------|--------------------|
| Default | yes:false |
| Displayed name | Egress |
| OSS name | egressFrameBased |
| Read-only | no |
| Tab Panel | General General |
| Type | generic.TruthValue |

Ingress**Table 3-1189 Ingress**

| Name | Value |
|----------------|--------------------|
| Default | yes:false |
| Displayed name | Ingress |
| OSS name | ingressFrameBased |
| Read-only | no |
| Tab Panel | General General |
| Type | generic.TruthValue |

Hop parameters

Administrative State

Table 3-1190 Administrative State

| Name | Value |
|----------------|-------------------------------|
| Description | Administrative State. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.AdministrativeState |

AINS Enabled

Table 3-1191 AINS Enabled

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates if Port Level AINS(Automatic In Service) is enabled on the port which is represented by this Hop Object. |
| Displayed name | AINS Enabled |
| OSS name | ainsEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Channel

Table 3-1192 Channel

| Name | Value |
|----------------|--|
| Description | The optical channel - used for display in the service screen in SAM GUI. |
| Displayed name | Channel |
| OSS name | channel |
| Read-only | no |
| Tab Panel | General General |
| Type | ITUChannel |

Table 3-1192 Channel (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| 1310 | |
| 1471 | |
| 1490 | |
| 1491 | |
| 1511 | |
| 1530 | |
| 1531 | |
| 1550 | |
| 1551 | |
| 1571 | |
| 1591 | |
| 1611 | |
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |

Table 3-1192 Channel (continued)

| Name | Value |
|------|-------|
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |

Table 3-1192 Channel (continued)

| Name | Value |
|------|-------|
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |

Table 3-1192 Channel (continued)

| Name | Value |
|------|-------|
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |

Table 3-1192 Channel (continued)

| Name | Value |
|------|-------|
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |

Table 3-1192 Channel (continued)

| Name | Value |
|------|-------|
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |

Table 3-1192 Channel (continued)

| Name | Value |
|------|-------|
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

CTP**Table 3-1193 CTP**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Description | The CTP pointer of this hop. |
| Displayed name | CTP |
| OSS name | ctpPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Hop Order**Table 3-1194 Hop Order**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The position of the hop within the parent trail. The position of each hop is calculated based on traversing the parent trail from endpoint A to endpoint Z. |
| Displayed name | Hop Order |
| Minimum | 1 |

Table 3-1194 Hop Order (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | hopOrder |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Operational State**Table 3-1195 Operational State**

| Name | Value |
|----------------|----------------------------|
| Description | Operational State. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.OperationalState |

Port**Table 3-1196 Port**

| Name | Value |
|----------------|--|
| Description | The physical port pointer of this hop. |
| Displayed name | Port |
| OSS name | portPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Port Description**Table 3-1197 Port Description**

| Name | Value |
|----------------|---|
| Description | The port description - used for display in the service screen in SAM GUI. |
| Displayed name | Port Description |

Table 3-1197 Port Description (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Rate**Table 3-1198 Rate**

| Name | Value |
|--------------------------|--|
| Description | The port rate - used for display in the service screen in SAM GUI. |
| Displayed name | Rate |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | AssignedRate |
| Enumerated types: | |
| 100GbE LAN | |
| 10GbE LAN | |
| 1GbE | |
| 3GSDI | |
| 40GbE LAN | |
| 40GbE MLD LAN | |
| BITS | |
| CBR10G | |
| CBR10G3 | |
| CBR2G5 | |
| DCN | |
| DDR | |
| Default | |
| DVBASI | |
| DVI 6000 | |
| E1 | |
| ESCON | |

Table 3-1198 Rate (continued)

| Name | Value |
|-------------------|-------|
| FC100 | |
| FC1200 | |
| FC1600 | |
| FC200 | |
| FC400 | |
| FC800 | |
| FDDI | |
| FE | |
| HSDSI | |
| N/A | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex-3GSDI | |
| ODUFlex-40GBE MLD | |
| ODUFlex-CBR | |
| ODUFlex-DDR | |
| ODUFlex-FC1200 | |
| ODUFlex-FC1600 | |

Table 3-1198 Rate (continued)

| Name | Value |
|---------------|-------|
| ODUFlex-FC400 | |
| ODUFlex-FC800 | |
| ODUFlex-GFP | |
| OMS | |
| ONETRU | |
| OPTSG | |
| OS | |
| OTL4.4 | |
| OTS | |
| OTU1 | |
| OTU1f | |
| OTU2 | |
| OTU2e | |
| OTU3 | |
| OTU3e2 | |
| OTU4 | |
| OTU4x2 | |
| SDR | |
| SDSDI | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| SubGigE | |
| TOD | |
| Unassigned | |
| Unknown | |

Site ID**Table 3-1199 Site ID**

| Name | Value |
|----------------|--------------------------------------|
| Default | yes:0.0.0.0 |
| Description | The site id that the hop belongs to. |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-1200 Site Name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The site name that the hop belongs to. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

IEEE 1588 PTP Clock parameters**Accuracy****Table 3-1201 Accuracy**

| Name | Value |
|----------------|-----------------|
| Displayed name | Accuracy |
| OSS name | clockAccuracy |
| Read-only | yes |
| Tab Panel | General General |

Table 3-1201 Accuracy (continued)

| Name | Value |
|------|-------|
| Type | INT |

Admin State**Table 3-1202 Admin State**

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:3 |
| Displayed name | Admin State |
| OSS name | clockAdminState |
| Read-only | no |
| Tab Panel | General General |
| Type | AluPtpClockAdminState |
| Enumerated types: | |
| Disabled | |
| Enabled | |
| Noop | |

Clock Accuracy**Table 3-1203 Clock Accuracy**

| Name | Value |
|----------------|-------------------------------------|
| Displayed name | Clock Accuracy |
| OSS name | clockAccuracy |
| Read-only | yes |
| Tab Panel | General Default Data Set Attributes |
| Type | INT |

Clock Announce Interval**Table 3-1204 Clock Announce Interval**

| Name | Value |
|---------|-------|
| Default | yes:1 |

Table 3-1204 Clock Announce Interval (continued)

| Name | Value |
|----------------|--|
| Description | Specifies the packet rate requested in REQUEST_UNICAST_TRANSMISSION signaling messages for announce packets. |
| Displayed name | Clock Announce Interval |
| Maximum | 4 |
| Minimum | -3 |
| OSS name | ptpClockAnnounceInterval |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Clock Announce Rx Timeout**Table 3-1205 Clock Announce Rx Timeout**

| Name | Value |
|----------------|---------------------------|
| Default | yes:3 |
| Displayed name | Clock Announce Rx Timeout |
| Maximum | 10 |
| Minimum | 2 |
| OSS name | ptpClockAnnoRxTimeout |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Clock Class**Table 3-1206 Clock Class**

| Name | Value |
|----------------|-------------------------------------|
| Displayed name | Clock Class |
| OSS name | clockClass |
| Read-only | yes |
| Tab Panel | General Default Data Set Attributes |
| Type | INT |

Clock Class**Table 3-1207 Clock Class**

| Name | Value |
|----------------|-----------------|
| Displayed name | Clock Class |
| OSS name | clockClass |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Clock Enabled**Table 3-1208 Clock Enabled**

| Name | Value |
|--------------------------|-------------------------------------|
| Displayed name | Clock Enabled |
| OSS name | clockEnabled |
| Read-only | no |
| Tab Panel | General Default Data Set Attributes |
| Type | PtpClockEnabled |
| Enumerated types: | |
| No | |
| Yes | |

Clock ID**Table 3-1209 Clock ID**

| Name | Value |
|----------------|--|
| Displayed name | Clock ID |
| OSS name | clockParentId |
| Read-only | yes |
| Tab Panel | General Parent Clock Data Set Attributes |
| Type | STRING |

Clock ID**Table 3-1210 Clock ID**

| Name | Value |
|----------------|-------------------------------------|
| Displayed name | Clock ID |
| OSS name | ptpClockId |
| Read-only | yes |
| Tab Panel | General Default Data Set Attributes |
| Type | STRING |

Clock ID**Table 3-1211 Clock ID**

| Name | Value |
|----------------|-----------------|
| Displayed name | Clock ID |
| OSS name | ptpClockId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Clock Index**Table 3-1212 Clock Index**

| Name | Value |
|-----------------------|--------------------------------|
| Default | no |
| Description | Specifies IEEE 1588 PTP clock. |
| Displayed name | Clock Index |
| Mandatory on creation | yes |
| Maximum | 16 |
| Minimum | 1 |
| OSS name | clockId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Clock MDA
Table 3-1213 Clock MDA

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Clock MDA |
| OSS name | clockHwPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Clock Priority 1**Table 3-1214 Clock Priority 1**

| Name | Value |
|----------------|------------------|
| Default | yes:128 |
| Displayed name | Clock Priority 1 |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | clockPriority1 |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Clock Priority 2**Table 3-1215 Clock Priority 2**

| Name | Value |
|----------------|------------------|
| Default | yes:128 |
| Displayed name | Clock Priority 2 |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | clockPriority2 |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Clock Slave Only**Table 3-1216 Clock Slave Only**

| Name | Value |
|----------------|------------------|
| Default | yes:true |
| Displayed name | Clock Slave Only |
| OSS name | clockSlave |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Clock State**Table 3-1217 Clock State**

| Name | Value |
|--------------------------|-------------------------------------|
| Displayed name | Clock State |
| OSS name | clockRecoveryState |
| Read-only | yes |
| Tab Panel | General Current Data Set Attributes |
| Type | Alu1588PtpPortRecoveredClockState |
| Enumerated types: | |
| Acquiring | |
| Free Run | |
| Holdover | |
| Locked | |
| Phase Tracking | |
| Unknown | |

Clock Synchronization State**Table 3-1218 Clock Synchronization State**

| Name | Value |
|----------------|-----------------------------|
| Displayed name | Clock Synchronization State |
| OSS name | clockRecoveryState |
| Read-only | yes |
| Tab Panel | General General |

Table 3-1218 Clock Synchronization State (continued)

| Name | Value |
|--------------------------|-----------------------------------|
| Type | Alu1588PtpPortRecoveredClockState |
| Enumerated types: | |
| Acquiring | |
| Free Run | |
| Holdover | |
| Locked | |
| Phase Tracking | |
| Unknown | |

Clock Time Reference Priority**Table 3-1219 Clock Time Reference Priority**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:0 |
| Displayed name | Clock Time Reference Priority |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | clockTimeRefPriority |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Clock Type**Table 3-1220 Clock Type**

| Name | Value |
|--------------------------|---------------------|
| Default | yes:2 |
| Displayed name | Clock Type |
| OSS name | clockType |
| Read-only | no |
| Tab Panel | General General |
| Type | Alu1588PtpClockType |
| Enumerated types: | |

Table 3-1220 Clock Type (continued)

| Name | Value |
|------------------|-------|
| Boundary | |
| Ordinary | |
| Ordinary, Master | |
| Ordinary, Slave | |
| Transparent-E2E | |

Clock Variance**Table 3-1221 Clock Variance**

| Name | Value |
|----------------|-----------------|
| Displayed name | Clock Variance |
| OSS name | clockVariance |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Current Time**Table 3-1222 Current Time**

| Name | Value |
|----------------|-------------------------------------|
| Displayed name | Current Time |
| OSS name | currentTime |
| Read-only | yes |
| Tab Panel | General Current Data Set Attributes |
| Type | STRING |
| Units | seconds.ns |

Current UTC Offset**Table 3-1223 Current UTC Offset**

| Name | Value |
|----------------|--------------------|
| Displayed name | Current UTC Offset |
| OSS name | currentUTCOffset |

Table 3-1223 Current UTC Offset (continued)

| Name | Value |
|-------------|--------------------------|
| Read-only | yes |
| Tab Panel | General Time Information |
| Type | INT |
| Units | seconds |

Current UTC Offset Valid**Table 3-1224 Current UTC Offset Valid**

| Name | Value |
|--------------------------|----------------------------|
| Displayed name | Current UTC Offset Valid |
| OSS name | currentUtcOffsetValid |
| Read-only | yes |
| Tab Panel | General Time Information |
| Type | PtpClockAttributesTriState |
| Enumerated types: | |
| No | |
| Unknown | |
| Yes | |

Domain**Table 3-1225 Domain**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:0 |
| Displayed name | Domain |
| Maximum | 127 |
| Minimum | 0 |
| OSS name | clockDomain |
| Read-only | no |
| Tab Panel | General Default Data Set Attributes |
| Type | LONG |

Domain**Table 3-1226 Domain**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Domain |
| Maximum | 127 |
| Minimum | 0 |
| OSS name | clockDomain |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Dynamic Peers**Table 3-1227 Dynamic Peers**

| Name | Value |
|----------------|-------------------|
| Default | yes:false |
| Displayed name | Dynamic Peers |
| OSS name | clockDynamicPeers |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Forward Weight**Table 3-1228 Forward Weight**

| Name | Value |
|----------------|--------------------|
| Default | no |
| Displayed name | Forward Weight |
| OSS name | clockForwardWeight |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Frequency Source

Table 3-1229 Frequency Source

| Name | Value |
|--------------------------|--|
| Default | yes:0 |
| Description | Specifies the source of the PTP clock. |
| Displayed name | Frequency Source |
| OSS name | clockAdminFreqSource |
| Read-only | no |
| Tab Panel | General General |
| Type | PtpClockAdminFreqSource |
| Enumerated types: | |
| Ptp | |
| Ssu | |
| Unknown | |

Frequency Traceable

Table 3-1230 Frequency Traceable

| Name | Value |
|--------------------------|----------------------------|
| Displayed name | Frequency Traceable |
| OSS name | frequencyTraceable |
| Read-only | yes |
| Tab Panel | General Time Information |
| Type | PtpClockAttributesTriState |
| Enumerated types: | |
| No | |
| Unknown | |
| Yes | |

GM Clock Accuracy

Table 3-1231 GM Clock Accuracy

| Name | Value |
|----------------|-------------------|
| Displayed name | GM Clock Accuracy |
| OSS name | clockGMAccuracy |

Table 3-1231 GM Clock Accuracy (continued)

| Name | Value |
|-------------|----------------------|
| Read-only | yes |
| Tab Panel | General Parent Clock |
| Type | LONG |

GM Clock Class**Table 3-1232 GM Clock Class**

| Name | Value |
|----------------|----------------------|
| Displayed name | GM Clock Class |
| OSS name | clockGMClass |
| Read-only | yes |
| Tab Panel | General Parent Clock |
| Type | LONG |
| Units | sec |

GM Clock Id**Table 3-1233 GM Clock Id**

| Name | Value |
|----------------|----------------------|
| Displayed name | GM Clock Id |
| OSS name | clockGMClockId |
| Read-only | yes |
| Tab Panel | General Parent Clock |
| Type | STRING |

GM Clock Priority1**Table 3-1234 GM Clock Priority1**

| Name | Value |
|----------------|----------------------|
| Displayed name | GM Clock Priority1 |
| OSS name | clockGMPriority1 |
| Read-only | yes |
| Tab Panel | General Parent Clock |

Table 3-1234 GM Clock Priority1 (continued)

| Name | Value |
|------|-------|
| Type | LONG |

GM Clock Priority2**Table 3-1235 GM Clock Priority2**

| Name | Value |
|----------------|----------------------|
| Displayed name | GM Clock Priority2 |
| OSS name | clockGMPriority2 |
| Read-only | yes |
| Tab Panel | General Parent Clock |
| Type | LONG |

GM Clock Variance**Table 3-1236 GM Clock Variance**

| Name | Value |
|----------------|----------------------|
| Displayed name | GM Clock Variance |
| OSS name | clockGMVariance |
| Read-only | yes |
| Tab Panel | General Parent Clock |
| Type | LONG |

Grandmaster Clock Accuracy**Table 3-1237 Grandmaster Clock Accuracy**

| Name | Value |
|----------------|--|
| Displayed name | Grandmaster Clock Accuracy |
| OSS name | clockGMAccuracy |
| Read-only | yes |
| Tab Panel | General Parent Clock Data Set Attributes |
| Type | LONG |

Grandmaster Clock Class**Table 3-1238 Grandmaster Clock Class**

| Name | Value |
|----------------|--|
| Displayed name | Grandmaster Clock Class |
| OSS name | clockGMClass |
| Read-only | yes |
| Tab Panel | General Parent Clock Data Set Attributes |
| Type | LONG |
| Units | sec |

Grandmaster Clock ID**Table 3-1239 Grandmaster Clock ID**

| Name | Value |
|----------------|--|
| Displayed name | Grandmaster Clock ID |
| OSS name | clockGMClockId |
| Read-only | yes |
| Tab Panel | General Parent Clock Data Set Attributes |
| Type | STRING |

Grandmaster Offset Scaled Log Variance**Table 3-1240 Grandmaster Offset Scaled Log Variance**

| Name | Value |
|----------------|--|
| Displayed name | Grandmaster Offset Scaled Log Variance |
| OSS name | clockGMVariance |
| Read-only | yes |
| Tab Panel | General Parent Clock Data Set Attributes |
| Type | LONG |

Grandmaster Priority 1**Table 3-1241 Grandmaster Priority 1**

| Name | Value |
|----------------|------------------------|
| Displayed name | Grandmaster Priority 1 |

Table 3-1241 Grandmaster Priority 1 (continued)

| Name | Value |
|-------------|--|
| OSS name | clockGMPriority1 |
| Read-only | yes |
| Tab Panel | General Parent Clock Data Set Attributes |
| Type | LONG |

Grandmaster Priority 2**Table 3-1242 Grandmaster Priority 2**

| Name | Value |
|----------------|--|
| Displayed name | Grandmaster Priority 2 |
| OSS name | clockGMPriority2 |
| Read-only | yes |
| Tab Panel | General Parent Clock Data Set Attributes |
| Type | LONG |

Leap 59**Table 3-1243 Leap 59**

| Name | Value |
|--------------------------|----------------------------|
| Displayed name | Leap 59 |
| OSS name | leap59 |
| Read-only | yes |
| Tab Panel | General Time Information |
| Type | PtpClockAttributesTriState |
| Enumerated types: | |
| No | |
| Unknown | |
| Yes | |

Leap 61**Table 3-1244 Leap 61**

| Name | Value |
|--------------------------|----------------------------|
| Displayed name | Leap 61 |
| OSS name | leap61 |
| Read-only | yes |
| Tab Panel | General Time Information |
| Type | PtpClockAttributesTriState |
| Enumerated types: | |
| No | |
| Unknown | |
| Yes | |

Locked PTP Port**Table 3-1245 Locked PTP Port**

| Name | Value |
|----------------|-------------------------------------|
| Displayed name | Locked PTP Port |
| OSS name | lockedPtpPort |
| Read-only | yes |
| Tab Panel | General Current Data Set Attributes |
| Type | INT |

Log sync interval**Table 3-1246 Log sync interval**

| Name | Value |
|----------------|--|
| Default | yes:-6 |
| Description | Specifies the packet request rate for clock synchronization packets from the master clock. A value of -3 = 8 packets per second (pps), -4 = 16 pps, -5 = 32 pps, and -6 = 64 pps. The -6 option is recommended when PTP is selected as the first timing reference. |
| Displayed name | Log sync interval |
| Maximum | -3 |
| Minimum | -6 |
| OSS name | logSyncInterval |

Table 3-1246 Log sync interval (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Mean Path Delay**Table 3-1247 Mean Path Delay**

| Name | Value |
|----------------|-------------------------------------|
| Displayed name | Mean Path Delay |
| OSS name | meanPathDelay |
| Read-only | yes |
| Tab Panel | General Current Data Set Attributes |
| Type | INT |
| Units | ns |

Network Type**Table 3-1248 Network Type**

| Name | Value |
|--------------------------|---------------------|
| Default | yes:2 |
| Displayed name | Network Type |
| OSS name | clockNetworkType |
| Read-only | no |
| Tab Panel | General General |
| Type | PtpClockNetworkType |
| Enumerated types: | |
| SDH | |
| SONET | |

Number of Ports**Table 3-1249 Number of Ports**

| Name | Value |
|----------------|------------------|
| Default | no |
| Displayed name | Number of Ports |
| OSS name | clockNumberPorts |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Number of PTP Ports**Table 3-1250 Number of PTP Ports**

| Name | Value |
|----------------|-------------------------------------|
| Default | no |
| Displayed name | Number of PTP Ports |
| OSS name | clockNumberPorts |
| Read-only | yes |
| Tab Panel | General Default Data Set Attributes |
| Type | INT |

Offset From Master**Table 3-1251 Offset From Master**

| Name | Value |
|----------------|-------------------------------------|
| Displayed name | Offset From Master |
| OSS name | offsetFromMaster |
| Read-only | yes |
| Tab Panel | General Current Data Set Attributes |
| Type | INT |
| Units | ns |

Offset Scaled Log Variance**Table 3-1252 Offset Scaled Log Variance**

| Name | Value |
|----------------|-------------------------------------|
| Displayed name | Offset Scaled Log Variance |
| OSS name | clockVariance |
| Read-only | yes |
| Tab Panel | General Default Data Set Attributes |
| Type | LONG |

Offset Scaled Log Variance**Table 3-1253 Offset Scaled Log Variance**

| Name | Value |
|----------------|--|
| Displayed name | Offset Scaled Log Variance |
| OSS name | offsetScaledLogVariance |
| Read-only | yes |
| Tab Panel | General Parent Clock Data Set Attributes |
| Type | INT |

Parent Clock Address**Table 3-1254 Parent Clock Address**

| Name | Value |
|----------------|----------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Parent Clock Address |
| OSS name | clockAddress |
| Read-only | yes |
| Tab Panel | General Parent Clock |
| Type | INETADDR |

Parent Clock Address Type**Table 3-1255 Parent Clock Address Type**

| Name | Value |
|---------|----------|
| Default | yes:ipv4 |

Table 3-1255 Parent Clock Address Type (continued)

| Name | Value |
|----------------|---------------------------|
| Displayed name | Parent Clock Address Type |
| OSS name | clockIpAddrType |
| Read-only | yes |
| Tab Panel | General Parent Clock |
| Type | rtr.InetAddressType |

Parent Clock Ethernet Port**Table 3-1256 Parent Clock Ethernet Port**

| Name | Value |
|----------------|----------------------------|
| Default | no |
| Displayed name | Parent Clock Ethernet Port |
| OSS name | clockEthernetPort |
| Read-only | yes |
| Tab Panel | General Parent Clock |
| Type | STRING |

Parent Clock ID**Table 3-1257 Parent Clock ID**

| Name | Value |
|----------------|----------------------|
| Displayed name | Parent Clock ID |
| OSS name | clockParentId |
| Read-only | yes |
| Tab Panel | General Parent Clock |
| Type | STRING |

Parent Clock MacAddress**Table 3-1258 Parent Clock MacAddress**

| Name | Value |
|----------------|-------------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Parent Clock MacAddress |

Table 3-1258 Parent Clock MacAddress (continued)

| Name | Value |
|-------------|----------------------|
| OSS name | clockMacAddress |
| Read-only | yes |
| Tab Panel | General Parent Clock |
| Type | MACADDR |

Parent Clock Transport Type**Table 3-1259 Parent Clock Transport Type**

| Name | Value |
|--------------------------|-----------------------------|
| Default | no |
| Displayed name | Parent Clock Transport Type |
| OSS name | clockTransportType |
| Read-only | yes |
| Tab Panel | General Parent Clock |
| Type | PtpTransportType |
| Enumerated types: | |
| Ethernet | |
| None | |
| UdpIp | |

Parent Port Number**Table 3-1260 Parent Port Number**

| Name | Value |
|----------------|-----------------------|
| Displayed name | Parent Port Number |
| OSS name | clockParentPortNumber |
| Read-only | yes |
| Tab Panel | General Parent Clock |
| Type | LONG |

Peer Limit

Table 3-1261 Peer Limit

| Name | Value |
|----------------|---|
| Default | yes:-1 |
| Description | Specifies the maximum number of PTP peers that may be created by the system upon reception of PTP signaling packets. If the system has already automatically created PTP peers on a virtualrouter instance, the limit cannot be reduced lower than the current count of automatically created PTP peers on the virtual router instance. |
| Displayed name | Peer Limit |
| Maximum | 512 |
| Minimum | -1 |
| OSS name | peerLimit |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Phase Change Rate

Table 3-1262 Phase Change Rate

| Name | Value |
|----------------|--|
| Displayed name | Phase Change Rate |
| OSS name | phaseChangeRate |
| Read-only | yes |
| Tab Panel | General Parent Clock Data Set Attributes |
| Type | INT |

Priority 1

Table 3-1263 Priority 1

| Name | Value |
|----------------|----------------|
| Default | yes:128 |
| Displayed name | Priority 1 |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | clockPriority1 |
| Read-only | no |

Table 3-1263 Priority 1 (continued)

| Name | Value |
|-------------|-------------------------------------|
| Tab Panel | General Default Data Set Attributes |
| Type | LONG |

Priority 2**Table 3-1264 Priority 2**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:128 |
| Displayed name | Priority 2 |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | clockPriority2 |
| Read-only | no |
| Tab Panel | General Default Data Set Attributes |
| Type | LONG |

PTP Port**Table 3-1265 PTP Port**

| Name | Value |
|----------------|--|
| Displayed name | PTP Port |
| OSS name | clockParentPortNumber |
| Read-only | yes |
| Tab Panel | General Parent Clock Data Set Attributes |
| Type | LONG |

PTP Profile**Table 3-1266 PTP Profile**

| Name | Value |
|----------------|---|
| Default | yes:2 |
| Description | Specifies the standard that defines the PTP features allowed on a device. |
| Displayed name | PTP Profile |

Table 3-1266 PTP Profile (continued)

| Name | Value |
|--------------------------|-------------------|
| OSS name | clockProfile |
| Read-only | no |
| Tab Panel | General General |
| Type | Alu1588PtpProfile |
| Enumerated types: | |
| | IEEE1588-2008 |
| | ITU-T G.8265.1 |
| | ITUTelecomFreq |

PTP Time Source**Table 3-1267 PTP Time Source**

| Name | Value |
|--------------------------|--------------------------|
| Displayed name | PTP Time Source |
| OSS name | ptpTimeSource |
| Read-only | yes |
| Tab Panel | General Time Information |
| Type | PtpTimesource |
| Enumerated types: | |
| | Atomic Clock |
| | GPS |
| | Hand Set |
| | Internal Oscillator |
| | NTP |
| | Other |
| | PTP |
| | Reserved |
| | Terrestrial Radio |

PTP Timescale
Table 3-1268 PTP Timescale

| Name | Value |
|--------------------------|--------------------------|
| Displayed name | PTP Timescale |
| OSS name | ptpTimeScale |
| Read-only | yes |
| Tab Panel | General Time Information |
| Type | PtpTimescale |
| Enumerated types: | |
| Arbitrary | |
| PTP | |

Reverse Weight**Table 3-1269 Reverse Weight**

| Name | Value |
|----------------|--------------------|
| Default | no |
| Displayed name | Reverse Weight |
| OSS name | clockReverseWeight |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Site ID**Table 3-1270 Site ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Source Interface

Table 3-1271 Source Interface

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Source Interface |
| OSS name | clockInterfacePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Statistics Collected

Table 3-1272 Statistics Collected

| Name | Value |
|----------------|--|
| Displayed name | Statistics Collected |
| OSS name | statisticsCollected |
| Read-only | yes |
| Tab Panel | General Parent Clock Data Set Attributes |
| Type | BOOL |

Steps Removed

Table 3-1273 Steps Removed

| Name | Value |
|----------------|-------------------------------------|
| Displayed name | Steps Removed |
| OSS name | stepsRemoved |
| Read-only | yes |
| Tab Panel | General Current Data Set Attributes |
| Type | INT |

Time Traceable

Table 3-1274 Time Traceable

| Name | Value |
|----------------|----------------|
| Displayed name | Time Traceable |

Table 3-1274 Time Traceable (continued)

| Name | Value |
|--------------------------|----------------------------|
| OSS name | timeTraceable |
| Read-only | yes |
| Tab Panel | General Time Information |
| Type | PtpClockAttributesTriState |
| Enumerated types: | |
| | No |
| | Unknown |
| | Yes |

Two Step**Table 3-1275 Two Step**

| Name | Value |
|--------------------------|-------------------------|
| Displayed name | Two Step |
| OSS name | clockTwoStepType |
| Read-only | yes |
| Tab Panel | General General |
| Type | Alu1588PtpClockStepType |
| Enumerated types: | |
| | One Step |
| | Two Step |
| | UnKnown |

Two-Step Flag**Table 3-1276 Two-Step Flag**

| Name | Value |
|--------------------------|-------------------------------------|
| Displayed name | Two-Step Flag |
| OSS name | twoStepFlag |
| Read-only | no |
| Tab Panel | General Default Data Set Attributes |
| Type | PtpClockAttributesTriState |
| Enumerated types: | |

Table 3-1276 Two-Step Flag (continued)

| Name | Value |
|---------|-------|
| No | |
| Unknown | |
| Yes | |

Use Node Time**Table 3-1277 Use Node Time**

| Name | Value |
|----------------|-----------------|
| Default | yes:false |
| Displayed name | Use Node Time |
| OSS name | useNodeTime |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Wait To Restore**Table 3-1278 Wait To Restore**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the time to wait after an Announce Receipt Timeout expires before considering further announce messages from a peer for the purposes of selecting a master clock. |
| Displayed name | Wait To Restore |
| Maximum | 600 |
| Minimum | 0 |
| OSS name | waitToRestore |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

IEEE 1588 PTP Port parameters

Addressing Mode

Table 3-1279 Addressing Mode

| Name | Value |
|--------------------------|-----------------------|
| Displayed name | Addressing Mode |
| OSS name | addressingMode |
| Read-only | no |
| Tab Panel | PTP Port General |
| Type | PtpPortAddressingMode |
| Enumerated types: | |
| | Hybrid |
| | Multicast |
| | Unicast |

Admin State

Table 3-1280 Admin State

| Name | Value |
|--------------------------|------------------------|
| Default | yes:3 |
| Displayed name | Admin State |
| OSS name | ptpPortClockAdminState |
| Read-only | no |
| Tab Panel | General General |
| Type | AluPtpClockAdminState |
| Enumerated types: | |
| | Disabled |
| | Enabled |
| | Noop |

Administrative State

Table 3-1281 Administrative State

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 3-1281 Administrative State (continued)

| Name | Value |
|--------------------------|----------------------|
| Displayed name | Administrative State |
| OSS name | portEnabled |
| Read-only | no |
| Tab Panel | PTP Port General |
| Type | PtpPortEnabled |
| Enumerated types: | |
| Down | |
| Maintenance | |
| Up | |

Anno rx timeouts**Table 3-1282 Anno rx timeouts**

| Name | Value |
|----------------|------------------------|
| Default | yes:3 |
| Displayed name | Anno rx timeouts |
| Maximum | 10 |
| Minimum | 2 |
| OSS name | ptpPortDSAnnoRxTimeout |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Announce Message Interval**Table 3-1283 Announce Message Interval**

| Name | Value |
|----------------|---------------------------|
| Default | no |
| Displayed name | Announce Message Interval |
| Maximum | 4 |
| Minimum | -4 |
| OSS name | announceMessageInterval |
| Read-only | no |

Table 3-1283 Announce Message Interval (continued)

| Name | Value |
|-------------|--------------------|
| Tab Panel | PTP Port General |
| Type | LONG |
| Units | log base 2 seconds |

Announce Message Rx**Table 3-1284 Announce Message Rx**

| Name | Value |
|----------------|------------------------------|
| Description | Announce Message Stats Rx |
| Displayed name | Announce Message Rx |
| OSS name | ptpPortAnnounceMessageRx |
| Read-only | no |
| Tab Panel | PTP Port PTP Port Statistics |
| Type | UINT128 |

Announce Message Tx**Table 3-1285 Announce Message Tx**

| Name | Value |
|----------------|------------------------------|
| Description | Announce Message Stats Tx |
| Displayed name | Announce Message Tx |
| OSS name | ptpPortAnnounceMessageTx |
| Read-only | no |
| Tab Panel | PTP Port PTP Port Statistics |
| Type | UINT128 |

Announce Receipt Timeout**Table 3-1286 Announce Receipt Timeout**

| Name | Value |
|----------------|--------------------------|
| Default | yes:2 |
| Displayed name | Announce Receipt Timeout |
| Maximum | 255 |

Table 3-1286 Announce Receipt Timeout (continued)

| Name | Value |
|-------------|------------------------|
| Minimum | 2 |
| OSS name | announceReceiptTimeout |
| Read-only | no |
| Tab Panel | PTP Port General |
| Type | LONG |

Associated Physical Port**Table 3-1287 Associated Physical Port**

| Name | Value |
|-----------------------|---------------------------|
| Default | yes: |
| Description | Associated Physical port. |
| Displayed name | Associated Physical Port |
| Mandatory on creation | yes |
| OSS name | associatedPhysicalPort |
| Read-only | no |
| Tab Panel | PTP Port General |
| Type | POINTER |

Associated VLAN ID**Table 3-1288 Associated VLAN ID**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Associated VLAN ID |
| Maximum | 4094 |
| Minimum | 0 |
| OSS name | associatedVlanId |
| Read-only | no |
| Tab Panel | PTP Port General |
| Type | LONG |

Asymmetry Correction

Table 3-1289 Asymmetry Correction

| Name | Value |
|----------------|----------------------|
| Default | no |
| Displayed name | Asymmetry Correction |
| Maximum | 100000000 |
| Minimum | -100000000 |
| OSS name | asymmetryCorrection |
| Read-only | no |
| Tab Panel | PTP Port General |
| Type | LONG |
| Units | ns |

Cfg Delay Req Rate

Table 3-1290 Cfg Delay Req Rate

| Name | Value |
|--------------------------|---------------------------|
| Default | yes:-6 |
| Displayed name | Cfg Delay Req Rate |
| OSS name | ptpPortDelayInterval |
| Read-only | no |
| Tab Panel | General General |
| Type | PtpPeerUnicastRateMapping |
| Enumerated types: | |
| 1 pkt/16s | |
| 1 pkt/2s | |
| 1 pkt/4s | |
| 1 pkt/8s | |
| 1 pkt/s | |
| 128 pkt/s | |
| 16 pkt/s | |
| 2 pkt/s | |
| 32 pkt/s | |
| 4 pkt/s | |
| 64 pkt/s | |

Table 3-1290 Cfg Delay Req Rate (continued)

| Name | Value |
|---------|-------|
| 8 pkt/s | |

Cfg Sync Rate

Table 3-1291 Cfg Sync Rate

| Name | Value |
|--------------------------|---------------------------|
| Default | yes:-6 |
| Displayed name | Cfg Sync Rate |
| OSS name | ptpPortSyncInterval |
| Read-only | no |
| Tab Panel | General General |
| Type | PtpPeerUnicastRateMapping |
| Enumerated types: | |
| 1 pkt/16s | |
| 1 pkt/2s | |
| 1 pkt/4s | |
| 1 pkt/8s | |
| 1 pkt/s | |
| 128 pkt/s | |
| 16 pkt/s | |
| 2 pkt/s | |
| 32 pkt/s | |
| 4 pkt/s | |
| 64 pkt/s | |
| 8 pkt/s | |

Delay Mechanism

Table 3-1292 Delay Mechanism

| Name | Value |
|----------------|-----------------|
| Default | yes:1 |
| Displayed name | Delay Mechanism |
| OSS name | delayMechanism |

Table 3-1292 Delay Mechanism (continued)

| Name | Value |
|--------------------------|-----------------------|
| Read-only | yes |
| Tab Panel | PTP Port General |
| Type | PtpPortDelayMechanism |
| Enumerated types: | |
| End-to-End | |
| Peer-to-Peer | |

Delay Request Interval

Table 3-1293 Delay Request Interval

| Name | Value |
|----------------|------------------------|
| Default | no |
| Displayed name | Delay Request Interval |
| Maximum | 4 |
| Minimum | -7 |
| OSS name | delayRequestInterval |
| Read-only | no |
| Tab Panel | PTP Port General |
| Type | LONG |
| Units | log base 2 seconds |

Delay Request Message Rx

Table 3-1294 Delay Request Message Rx

| Name | Value |
|----------------|------------------------------|
| Description | Delay Request Message Rx |
| Displayed name | Delay Request Message Rx |
| OSS name | ptpPortDelayReqRx |
| Read-only | no |
| Tab Panel | PTP Port PTP Port Statistics |
| Type | UINT128 |

Delay Request Message Tx**Table 3-1295 Delay Request Message Tx**

| Name | Value |
|----------------|------------------------------|
| Description | Delay Request Message Tx |
| Displayed name | Delay Request Message Tx |
| OSS name | ptpPortDelayReqTx |
| Read-only | no |
| Tab Panel | PTP Port PTP Port Statistics |
| Type | UINT128 |

Delay Response Message Rx**Table 3-1296 Delay Response Message Rx**

| Name | Value |
|----------------|------------------------------|
| Description | Delay Response Message Rx |
| Displayed name | Delay Response Message Rx |
| OSS name | ptpPortDelayResRx |
| Read-only | no |
| Tab Panel | PTP Port PTP Port Statistics |
| Type | UINT128 |

Delay Response Message Tx**Table 3-1297 Delay Response Message Tx**

| Name | Value |
|----------------|------------------------------|
| Description | Delay Response Message Tx |
| Displayed name | Delay Response Message Tx |
| OSS name | ptpPortDelayResTx |
| Read-only | no |
| Tab Panel | PTP Port PTP Port Statistics |
| Type | UINT128 |

Destination MAC Address

Table 3-1298 Destination MAC Address

| Name | Value |
|----------------|-------------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Destination MAC Address |
| OSS name | destinationMACAddress |
| Read-only | no |
| Tab Panel | PTP Port General |
| Type | MACADDR |

Encapsulation Type

Table 3-1299 Encapsulation Type

| Name | Value |
|--------------------------|--------------------------|
| Displayed name | Encapsulation Type |
| OSS name | encapsulationType |
| Read-only | yes |
| Tab Panel | PTP Port General |
| Type | PtpPortEncapsulationType |
| Enumerated types: | |
| Ethernet | |
| UDP/IPv4 | |

Link Asymmetry Measurement Status

Table 3-1300 Link Asymmetry Measurement Status

| Name | Value |
|--------------------------|---------------------------------------|
| Default | yes:-1 |
| Displayed name | Link Asymmetry Measurement Status |
| OSS name | linkAsymmetryMeasurementStatus |
| Read-only | yes |
| Tab Panel | PTP Port General |
| Type | PtpPortLinkAsymmetryMeasurementStatus |
| Enumerated types: | |
| In Progress | |

Table 3-1300 Link Asymmetry Measurement Status (continued)

| Name | Value |
|----------------------------|-------|
| No Msg Received | |
| No Msg Received after Swap | |
| No Trigger | |
| OSW Failure | |
| Successful | |
| Unknown | |
| Unstable Timestamps | |

Log anno interval**Table 3-1301 Log anno interval**

| Name | Value |
|----------------|--------------------|
| Default | yes:1 |
| Displayed name | Log anno interval |
| Maximum | 3 |
| Minimum | 0 |
| OSS name | ptplogannointerval |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Log sync interval**Table 3-1302 Log sync interval**

| Name | Value |
|----------------|--------------------------|
| Default | yes:-6 |
| Displayed name | Log sync interval |
| OSS name | ptpPortDSLogSyncInterval |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Management Message Rx**Table 3-1303 Management Message Rx**

| Name | Value |
|----------------|------------------------------|
| Description | Management Message Rx |
| Displayed name | Management Message Rx |
| OSS name | ptpPortMgmtRx |
| Read-only | no |
| Tab Panel | PTP Port PTP Port Statistics |
| Type | UINT128 |

Management Message Tx**Table 3-1304 Management Message Tx**

| Name | Value |
|----------------|------------------------------|
| Description | Management Message Tx |
| Displayed name | Management Message Tx |
| OSS name | ptpPortMgmtTx |
| Read-only | no |
| Tab Panel | PTP Port PTP Port Statistics |
| Type | UINT128 |

Measured Link Asymmetry**Table 3-1305 Measured Link Asymmetry**

| Name | Value |
|----------------|-------------------------|
| Displayed name | Measured Link Asymmetry |
| OSS name | measuredLinkAsymmetry |
| Read-only | yes |
| Tab Panel | PTP Port General |
| Type | LONG |
| Units | ns |

Mulicast MAC Addr**Table 3-1306 Mulicast MAC Addr**

| Name | Value |
|--------------------------|-------------------------|
| Default | yes:1 |
| Displayed name | Mulicast MAC Addr |
| OSS name | ptpPortMulticastAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | PTPPortMulticastAddress |
| Enumerated types: | |
| | 01-1B-19-00-00-00 |
| | 01-80-C2-00-00-0E |

Neighbors**Table 3-1307 Neighbors**

| Name | Value |
|----------------|------------------|
| Default | no |
| Displayed name | Neighbors |
| OSS name | ptpPortNeighbors |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Number Of Peers**Table 3-1308 Number Of Peers**

| Name | Value |
|----------------|-----------------|
| Displayed name | Number Of Peers |
| OSS name | ptpPortNumPeers |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Peer Path Delay
Table 3-1309 Peer Path Delay

| Name | Value |
|----------------|------------------|
| Displayed name | Peer Path Delay |
| OSS name | peerPathDelay |
| Read-only | yes |
| Tab Panel | PTP Port General |
| Type | LONG |
| Units | ns |

Port**Table 3-1310 Port**

| Name | Value |
|-----------------------|---------------------------|
| Default | yes: |
| Description | Associated Physical port. |
| Displayed name | Port |
| Mandatory on creation | yes |
| OSS name | associatedPhysicalPort |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Port Id**Table 3-1311 Port Id**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Port Id |
| Mandatory on creation | yes |
| OSS name | portIndex |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Port ID**Table 3-1312 Port ID**

| Name | Value |
|-----------------------|------------------|
| Default | yes:0 |
| Displayed name | Port ID |
| Mandatory on creation | yes |
| OSS name | portIndex |
| Read-only | no |
| Tab Panel | PTP Port General |
| Type | INT |

Port Name**Table 3-1313 Port Name**

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | Port Name |
| Mandatory on creation | yes |
| Maximum | 252 |
| OSS name | displayedName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Port Role**Table 3-1314 Port Role**

| Name | Value |
|--------------------------|------------------|
| Displayed name | Port Role |
| OSS name | portRole |
| Read-only | no |
| Tab Panel | PTP Port General |
| Type | PtpPortRole |
| Enumerated types: | |
| Auto | |

Table 3-1314 Port Role (continued)

| Name | Value |
|---------|-------|
| Master | |
| Passive | |
| Slave | |

Port Status**Table 3-1315 Port Status**

| Name | Value |
|--------------------------|------------------|
| Displayed name | Port Status |
| OSS name | portStatus |
| Read-only | yes |
| Tab Panel | PTP Port General |
| Type | PtpPortStatus |
| Enumerated types: | |
| Disabled | |
| Faulty | |
| Initializing | |
| Listening | |
| Master | |
| Passive | |
| PreMaster | |
| Slave | |
| Uncalibrated | |
| Unknown | |

PTP IO Timing Port**Table 3-1316 PTP IO Timing Port**

| Name | Value |
|----------------|------------------------|
| Default | yes: |
| Description | PTPCTL IO Timing Port. |
| Displayed name | PTP IO Timing Port |
| OSS name | ptpIoTimingPort |

Table 3-1316 PTP IO Timing Port (continued)

| Name | Value |
|-------------|------------------|
| Read-only | no |
| Tab Panel | PTP Port General |
| Type | POINTER |

PTP Oper State**Table 3-1317 PTP Oper State**

| Name | Value |
|--------------------------|------------------|
| Default | no |
| Displayed name | PTP Oper State |
| OSS name | ptpPortOperState |
| Read-only | yes |
| Tab Panel | General General |
| Type | PtpVprnOperState |
| Enumerated types: | |
| Down | |
| Transition | |
| Unknown | |
| Up | |

PTP Port Number**Table 3-1318 PTP Port Number**

| Name | Value |
|----------------|------------------------|
| Displayed name | PTP Port Number |
| OSS name | ptpPortLocalPortNumber |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

PTP Port State
Table 3-1319 PTP Port State

| Name | Value |
|----------------|--------------------|
| Displayed name | PTP Port State |
| OSS name | ptpPortDSPortState |
| Read-only | yes |
| Tab Panel | General General |
| Type | sonet.PtpPortState |

PTP Port State**Table 3-1320 PTP Port State**

| Name | Value |
|--------------------------|------------------|
| Default | no |
| Displayed name | PTP Port State |
| OSS name | ptpPortState |
| Read-only | yes |
| Tab Panel | General General |
| Type | TmnxPtpPortState |
| Enumerated types: | |
| Disabled | |
| Faulty | |
| Initializing | |
| Listening | |
| Master | |
| NotApplicable | |
| Passive | |
| PreMaster | |
| Slave | |
| Uncalibrated | |

PTP Version
Table 3-1321 PTP Version

| Name | Value |
|--------------------------|------------------|
| Displayed name | PTP Version |
| OSS name | ptpVersion |
| Read-only | yes |
| Tab Panel | PTP Port General |
| Type | PortPtpVersion |
| Enumerated types: | |
| V1 | |
| V2 | |

Signalling Message Rx**Table 3-1322 Signalling Message Rx**

| Name | Value |
|----------------|------------------------------|
| Description | Signalling Message Rx |
| Displayed name | Signalling Message Rx |
| OSS name | ptpPortSigMsgRx |
| Read-only | no |
| Tab Panel | PTP Port PTP Port Statistics |
| Type | UINT128 |

Signalling Message Tx**Table 3-1323 Signalling Message Tx**

| Name | Value |
|----------------|------------------------------|
| Description | Signalling Message Tx |
| Displayed name | Signalling Message Tx |
| OSS name | ptpPortSigMsgTx |
| Read-only | no |
| Tab Panel | PTP Port PTP Port Statistics |
| Type | UINT128 |

Sync Message Interval

Table 3-1324 Sync Message Interval

| Name | Value |
|----------------|-----------------------|
| Default | no |
| Displayed name | Sync Message Interval |
| Maximum | 4 |
| Minimum | -7 |
| OSS name | syncMessageInterval |
| Read-only | no |
| Tab Panel | PTP Port General |
| Type | LONG |
| Units | log base 2 seconds |

Sync Message Rx

Table 3-1325 Sync Message Rx

| Name | Value |
|----------------|------------------------------|
| Description | Sync Message Rx |
| Displayed name | Sync Message Rx |
| OSS name | ptpPortSyncMsgRx |
| Read-only | no |
| Tab Panel | PTP Port PTP Port Statistics |
| Type | UINT128 |

Sync Message Tx

Table 3-1326 Sync Message Tx

| Name | Value |
|----------------|------------------------------|
| Description | Sync Message Tx |
| Displayed name | Sync Message Tx |
| OSS name | ptpPortSyncMsgTx |
| Read-only | no |
| Tab Panel | PTP Port PTP Port Statistics |
| Type | UINT128 |

Timestamp Point

Table 3-1327 Timestamp Point

| Name | Value |
|--------------------------|----------------------------|
| Displayed name | Timestamp Point |
| OSS name | ptpPortTimeStampRefPoint |
| Read-only | yes |
| Tab Panel | General General |
| Type | PtpTimeStampReferencePoint |
| Enumerated types: | |
| CPM | |
| Port | |
| Unknown | |

Trigger Link Asymmetry Measurement

Table 3-1328 Trigger Link Asymmetry Measurement

| Name | Value |
|----------------|------------------------------------|
| Default | no |
| Displayed name | Trigger Link Asymmetry Measurement |
| OSS name | triggerLinkAsymmetryMeasurement |
| Read-only | no |
| Tab Panel | PTP Port General |
| Type | BOOL |

Two-Step Flag

Table 3-1329 Two-Step Flag

| Name | Value |
|----------------|------------------|
| Default | no |
| Displayed name | Two-Step Flag |
| OSS name | twoStepFlag |
| Read-only | yes |
| Tab Panel | PTP Port General |
| Type | BOOL |

Unicast
Table 3-1330 Unicast

| Name | Value |
|----------------|------------------|
| Default | yes:true |
| Displayed name | Unicast |
| OSS name | unicastNegotiate |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Unicast Negotiation Enabled**Table 3-1331 Unicast Negotiation Enabled**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:true |
| Displayed name | Unicast Negotiation Enabled |
| OSS name | unicastNegotiate |
| Read-only | no |
| Tab Panel | PTP Port General |
| Type | BOOL |

IEEE 802.3ah OAM parameters**Administrative State****Table 3-1332 Administrative State**

| Name | Value |
|----------------|---|
| Default | yes:adminDown |
| Description | This object is used to provision the default administrative OAM mode for this interface. This object represents the desired state of OAM for this interface. The dot3OamAdminState always starts in the disabled(1) state until an explicit management action or configuration information retained by the system causes a transition to the enabled(2) state. When enabled(2), Ethernet OAM will attempt to operate over this interface. |
| Displayed name | Administrative State |
| OSS name | dot3OamAdminState |
| Read-only | no |

Table 3-1332 Administrative State (continued)

| Name | Value |
|--------------------------|------------------------|
| Tab Panel | General general |
| Type | EfmAdministrativeState |
| Enumerated types: | |
| Disabled | |
| Enabled | |

Advertise Link Monitoring Capabilities

Table 3-1333 Advertise Link Monitoring Capabilities

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | The value of tmnxDot3OamDiscAdCapLinkMon specifies whether or not the link monitoring capabilities will be advertised to the OAM peer when tmnxDot3OamLinkMonEnabled is set to 'enabled (1)'. |
| Displayed name | Advertise Link Monitoring Capabilities |
| OSS name | tmnxDot3OamDiscAdCapLinkMon |
| Read-only | no |
| Tab Panel | General linkEvent |
| Type | generic.TruthValue |

Average Delay

Table 3-1334 Average Delay

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | This object is used to keep the average delay taken by frames during last L1 ping |
| Displayed name | Average Delay |
| OSS name | l1PingAverageRoundTripDelay |
| Read-only | no |
| Tab Panel | General l1Ping |
| Type | INT |
| Units | ms |

Configuration Revision
Table 3-1335 Configuration Revision

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The configuration revision of the OAM entity as reflected in the latest OAMPDU sent by the OAM entity. The config revision is used by OAM entities to indicate configuration changes have occurred which might require the peer OAM entity to re-evaluate whether OAM peering is allowed. |
| Displayed name | Configuration Revision |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | dot3OamConfigRevision |
| Read-only | no |
| Tab Panel | General general |
| Type | INT |

Critical Event Notify**Table 3-1336 Critical Event Notify**

| Name | Value |
|-----------------------|---|
| Default | yes:true |
| Description | If true, the local OAM entity should attempt to indicate a critical event via the OAMPDU flags to its peer OAM entity when a critical event occurs. The exact definition of a critical event is implementation dependent. If the system does not support critical event capability, setting this object has no effect, and reading the object should always result in 'false'. By default, this object should have the value true for Ethernet-like interfaces that support OAM. If the OAM layer does not support Event Notifications (as indicated via the dot3OamFunctionsSupported attribute), this value is ignored. |
| Displayed name | Critical Event Notify |
| Mandatory on creation | no |
| OSS name | dot3OamCriticalEventEnable |
| Read-only | no |
| Tab Panel | General general |
| Type | BOOL |

Defect**Table 3-1337 Defect**

| Name | Value |
|--------------------------|-----------------|
| Default | yes:0 |
| Displayed name | Defect |
| OSS name | dot3OamDefect |
| Read-only | no |
| Tab Panel | General general |
| Type | Dot3OamDefect |
| Enumerated types: | |
| Loss of Packet | |

Duplicate Event Rx**Table 3-1338 Duplicate Event Rx**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | A count of the number of duplicate Event OAMPDUs received on this interface |
| Displayed name | Duplicate Event Rx |
| OSS name | dot3OamDuplicateEventNotificationRx |
| Read-only | no |
| Tab Panel | General counters |
| Type | INT |
| Units | OAMPDUs |

Duplicate Event Tx**Table 3-1339 Duplicate Event Tx**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | A count of the number of duplicate Event OAMPDUs transmitted on this interface |
| Displayed name | Duplicate Event Tx |
| OSS name | dot3OamDuplicateEventNotificationTx |
| Read-only | no |
| Tab Panel | General counters |

Table 3-1339 Duplicate Event Tx (continued)

| Name | Value |
|-------|---------------------|
| Type | INT |
| Units | OAMPDU _s |

Dying Gasp Notify**Table 3-1340 Dying Gasp Notify**

| Name | Value |
|-----------------------|---|
| Default | yes:true |
| Description | If true, the local OAM entity should attempt to indicate a dying gasp via the OAMPDU flags field to its peer OAM entity when a dying gasp event occurs. The exact definition of a dying gasp event is implementation dependent. If the system does not support dying gasp capability, setting this object has no effect, and reading the object should always result in 'false'. By default, this object should have the value true for Ethernet-like interfaces that support OAM. If the OAM layer does not support Event Notifications (as indicated via the dot3OamFunctionsSupported attribute), this value is ignored. |
| Displayed name | Dying Gasp Notify |
| Mandatory on creation | no |
| OSS name | dot3OamDyingGaspEnable |
| Read-only | no |
| Tab Panel | General general |
| Type | BOOL |

Enabled**Table 3-1341 Enabled**

| Name | Value |
|----------------|--|
| Default | yes:disabled |
| Description | The value of tnmxDot3OamErrFrmEnabled specifies whether or not Errored Frame events are monitored on the port. |
| Displayed name | Enabled |
| OSS name | tnmxDot3OamErrFrmEnabled |
| Read-only | no |
| Tab Panel | General linkEvent errorFrame |
| Type | generic.EnabledDisabled |

Enabled**Table 3-1342 Enabled**

| Name | Value |
|----------------|--|
| Default | yes:disabled |
| Description | The value of tmnxDot3OamErrFrmPrdEnabled specifies whether or not Errored Frame Period events are monitored on the port. |
| Displayed name | Enabled |
| OSS name | tmnxDot3OamErrFrmPrdEnabled |
| Read-only | no |
| Tab Panel | General linkEvent errorFramePeriod |
| Type | generic.EnabledDisabled |

Enabled**Table 3-1343 Enabled**

| Name | Value |
|----------------|---|
| Default | yes:disabled |
| Description | The value of tmnxDot3OamErrFrmSecEnabled specifies whether or not Errored Frame Seconds Summary events are monitored on the port. |
| Displayed name | Enabled |
| OSS name | tmnxDot3OamErrFrmSecEnabled |
| Read-only | no |
| Tab Panel | General linkEvent errorFrameSeconds |
| Type | generic.EnabledDisabled |

Enabled**Table 3-1344 Enabled**

| Name | Value |
|----------------|---|
| Default | yes:disabled |
| Description | The value of tmnxDot3OamErrSymPrdEnabled specifies whether or not Errored Symbol Period events are monitored on the port. |
| Displayed name | Enabled |
| OSS name | tmnxDot3OamErrSymPrdEnabled |
| Read-only | no |
| Tab Panel | General linkEvent errorFrameSymbols |

Table 3-1344 Enabled (continued)

| Name | Value |
|------|-------------------------|
| Type | generic.EnabledDisabled |

Frames Delay

Table 3-1345 Frames Delay

| Name | Value |
|-----------------------|--|
| Default | yes:1000 |
| Description | This object is used to set the delay between two frames transmitted during L1 ping |
| Displayed name | Frames Delay |
| Mandatory on creation | no |
| Maximum | 1000 |
| Minimum | 100 |
| OSS name | l1PingFramesDelay |
| Read-only | no |
| Tab Panel | General l1Ping |
| Type | INT |
| Units | ms |

Frames Lost Due To OAM

Table 3-1346 Frames Lost Due To OAM

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | A count of the number of frames that were dropped by the OAM multiplexer. Since the OAM multiplexer has multiple inputs and a single output, there may be cases where frames are dropped due to transmit resource contention. This counter is incremented whenever a frame is dropped by the OAM layer. Note that any Ethernet frame, not just OAMPDUs, may be dropped by the OAM layer. This can occur when an OAMPDU takes precedence over a 'normal' frame resulting in the 'normal' frame being dropped. When this counter is incremented, no other counters in this MIB are incremented. Discontinuities of this counter can occur at re-initialization of the management system, and at other times as indicated by the value of the ifCounterDiscontinuityTime. |
| Displayed name | Frames Lost Due To OAM |
| OSS name | dot3OamFramesLostDueToOam |
| Read-only | no |
| Tab Panel | General counters |

Table 3-1346 Frames Lost Due To OAM (continued)

| Name | Value |
|-------|--------|
| Type | INT |
| Units | Frames |

Frames Received**Table 3-1347 Frames Received**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | This object is used to keep the number of frames received during last L1 ping operation |
| Displayed name | Frames Received |
| OSS name | l1PingFramesReceived |
| Read-only | no |
| Tab Panel | General l1Ping |
| Type | INT |

Frames Sent**Table 3-1348 Frames Sent**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | This object is used to keep the actual frames sent during last L1 ping operation |
| Displayed name | Frames Sent |
| OSS name | l1PingFramesSent |
| Read-only | no |
| Tab Panel | General l1Ping |
| Type | INT |

Functions Supported**Table 3-1349 Functions Supported**

| Name | Value |
|---------|---------------------|
| Default | yes:loopbackSupport |

Table 3-1349 Functions Supported (continued)

| Name | Value |
|--------------------------|---|
| Description | The OAM functions supported on this Ethernet like interface. OAM consists of separate functional sets beyond the basic discovery process which is always required. These functional groups can be supported independently by any implementation. These values are communicated to the peer via the local configuration field of Information OAMPDUs. Setting 'unidirectionalSupport(0)' indicates that the OAM entity supports the transmission of OAMPDUs on links that are operating in unidirectional mode (traffic flowing in one direction only). Setting 'loopbackSupport(1)' indicates the OAM entity can initiate and respond to loopback commands. Setting 'eventSupport(2)' indicates the OAM entity can send and receive Event Notification OAMPDUs. Setting 'variableSupport(3)' indicates the OAM entity can send and receive Variable Request and Response OAMPDUs. |
| Displayed name | Functions Supported |
| OSS name | dot3OamFunctionsSupported |
| Read-only | yes |
| Tab Panel | General general |
| Type | Dot3OamFunctionsSupported |
| Enumerated types: | |
| Event Support | |
| Loopback Support | |
| Unidirectional Support | |
| Variable Support | |

Grace Tx State

Table 3-1350 Grace Tx State

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | The value of tmnxDot3OamGraceTxState indicates whether or not the node is locally executing a grace period. A value of 'true' indicates that all peer timeouts are extended locally and an eligible EFM-OAM entity is transmitting grace period information. A value of 'false' indicates no grace period information is transmitted and standard values are used for timing out remote peers. Note that for a local EFM-OAM entity to be eligible for grace period transmission it must be admin up and active, and the port level tmnxDot3OamGraceTxEnabled and global level tmnxDot3OamSystemGraceTxEnable values must be set to 'true'. |
| Displayed name | Grace Tx State |
| OSS name | gracePeriodTx |
| Read-only | yes |
| Tab Panel | General general |
| Type | BOOL |

Grace Tx State Enable
Table 3-1351 Grace Tx State Enable

| Name | Value |
|-----------------------|--|
| Default | yes:true |
| Description | The value of <code>tmnxDot3OamGraceTxState</code> indicates whether or not the node is locally executing a grace period. A value of 'true' indicates that all peer timeouts are extended locally and an eligible EFM-OAM entity is transmitting grace period information. A value of 'false' indicates no grace period information is transmitted and standard values are used for timing out remote peers. Note that for a local EFM-OAM entity to be eligible for grace period transmission it must be admin up and active, and the port level <code>tmnxDot3OamGraceTxEnabled</code> and global level <code>tmnxDot3OamSystemGraceTxEnable</code> values must be set to 'true'. |
| Displayed name | Grace Tx State Enable |
| Mandatory on creation | no |
| OSS name | <code>graceTxStateEnable</code> |
| Read-only | no |
| Tab Panel | General general |
| Type | BOOL |

Hold Time**Table 3-1352 Hold Time**

| Name | Value |
|-----------------------|--|
| Default | yes:0 |
| Description | The value of <code>tmnxDot3OamHoldTime</code> specifies the number of seconds the efm-oam protocol should wait after <code>dot3OamOperStatus</code> transitions from 'operational (9)' to a non-operational state before going back to the 'operational (9)' state again. Note that a transition to the 'linkFault (2)' state does not cause <code>tmnxDot3OamHoldTime</code> to be used if <code>dot3OamOperStatus</code> was previously in the 'operational (9)' state." |
| Displayed name | Hold Time |
| Mandatory on creation | no |
| Maximum | 50 |
| Minimum | 0 |
| OSS name | <code>dot3OamHoldTime</code> |
| Read-only | no |
| Tab Panel | General general |
| Type | INT |
| Units | s |

Ignore EFM State

Table 3-1353 Ignore EFM State

| Name | Value |
|-----------------------|---|
| Default | yes:false |
| Description | The value of <code>tmnxDot3OamIgnoreEfmState</code> specifies whether the efm-oam status (<code>dot3OamOperStatus</code>) on a port will affect the operational state of the port it is running on when efm-oam is enabled. If <code>tmnxDot3OamIgnoreEfmState</code> is set to 'true' then efm-oam status will have no effect on the port state. |
| Displayed name | Ignore EFM State |
| Mandatory on creation | no |
| OSS name | <code>ignoreEfmState</code> |
| Read-only | no |
| Tab Panel | General general |
| Type | BOOL |

Information Rx

Table 3-1354 Information Rx

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | A count of the number of Information OAMPDUs received on this interface. |
| Displayed name | Information Rx |
| OSS name | <code>dot3OamInformationRx</code> |
| Read-only | no |
| Tab Panel | General counters |
| Type | INT |
| Units | OAMPDUs |

Information Tx

Table 3-1355 Information Tx

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | A count of the number of Information OAMPDUs transmitted on this interface. Discontinuities of this counter can occur at re-initialization of the management system, and at other times as indicated by the value of the <code>ifCounterDiscontinuityTime</code> . |
| Displayed name | Information Tx |

Table 3-1355 Information Tx (continued)

| Name | Value |
|-------------|----------------------|
| OSS name | dot3OamInformationTx |
| Read-only | no |
| Tab Panel | General counters |
| Type | INT |
| Units | OAMPDU _s |

L1-Ping Status**Table 3-1356 L1-Ping Status**

| Name | Value |
|--------------------------|---------------------|
| Default | yes:default |
| Displayed name | L1-Ping Status |
| OSS name | l1PingStatus |
| Read-only | no |
| Tab Panel | General l1Ping |
| Type | Dot3OamL1PingStatus |
| Enumerated types: | |
| Default | |
| Running | |
| Start | |
| Successful | |
| Unsuccessful | |

Link Monitoring Enabled**Table 3-1357 Link Monitoring Enabled**

| Name | Value |
|----------------|--|
| Default | yes:disabled |
| Description | The value of tmnxDot3OamLinkMonEnabled specifies whether or not link monitoring is enabled on the port. When this object's value is set to 'enabled (1)', the eventSupport bit in dot3OamFunctionsSupported is set, otherwise the eventSupport bit is cleared. |
| Displayed name | Link Monitoring Enabled |
| OSS name | tmnxDot3OamLinkMonEnabled |
| Read-only | no |

Table 3-1357 Link Monitoring Enabled (continued)

| Name | Value |
|-------------|-------------------------|
| Tab Panel | General linkEvent |
| Type | generic.EnabledDisabled |

Local SF Crossing Event Burst**Table 3-1358 Local SF Crossing Event Burst**

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | The value of <code>tmnxDot3OamLocalSfActEventBurst</code> specifies the number of Event Notification OAMPDUs to send the OAM peer to notify when a local Signal Failure (SF) threshold crossing event occurs. This occurs when a locally monitored error count is equal to or greater than the threshold set for that error type within the window (E.g. burst the peer when the number of errored frames within <code>dot3OamErrFrameWindow</code> is equal to or greater than <code>dot3OamErrFrameThreshold</code> and <code>tmnxDot3OamErrFrmEnabled</code> is set to 'enabled (1)'). |
| Displayed name | Local SF Crossing Event Burst |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | <code>tmnxDot3OamLocalSfActEventBurst</code> |
| Read-only | no |
| Tab Panel | General linkEvent |
| Type | INT |
| Units | packets |

Local SF Crossing Port Action**Table 3-1359 Local SF Crossing Port Action**

| Name | Value |
|----------------|--|
| Default | yes:outOfService |
| Description | The value of <code>tmnxDot3OamLocalSfActPortAction</code> specifies how the local port will be affected when a local Signal Failure (SF) threshold crossing event occurs. This occurs when a locally monitored error count is equal to or greater than the threshold set for that error type within the window (E.g. take the specified action when the number of errored frames within <code>dot3OamErrFrameWindow</code> is equal to or greater than <code>dot3OamErrFrameThreshold</code> and <code>tmnxDot3OamErrFrmEnabled</code> is set to 'enabled (1)'). |
| Displayed name | Local SF Crossing Port Action |
| OSS name | <code>tmnxDot3OamLocalSfActPortAction</code> |
| Read-only | no |

Table 3-1359 Local SF Crossing Port Action (continued)

| Name | Value |
|--------------------------|---------------------|
| Tab Panel | General linkEvent |
| Type | TmnxLocalPortAction |
| Enumerated types: | |
| log-only | |
| out-of-service | |

Log-history

Table 3-1360 Log-history

| Name | Value |
|--------------------------|--|
| Default | yes:default |
| Description | Reset all event logs corresponding to this port By default, this objects contains a zero value |
| Displayed name | Log-history |
| OSS name | clearLogs |
| Read-only | no |
| Tab Panel | General general |
| Type | Dot3OamReset |
| Enumerated types: | |
| Default | |
| Reset | |

Loop Detected

Table 3-1361 Loop Detected

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates if the OAM entity is receiving OAMPDU's that it transmitted. A value of 'true' indicates that the OAM entity is receiving it's own OAMPDU's while a value of 'false' indicates it is not." |
| Displayed name | Loop Detected |
| OSS name | dot3OamLooped |
| Read-only | no |
| Tab Panel | General general |
| Type | BOOL |

Loopback Control Rx
Table 3-1362 Loopback Control Rx

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | A count of the number of Loopback Control OAMPDUs received on this interface. |
| Displayed name | Loopback Control Rx |
| OSS name | dot3OamLoopbackControlRx |
| Read-only | no |
| Tab Panel | General counters |
| Type | INT |
| Units | OAMPDUs |

Loopback Control Tx**Table 3-1363 Loopback Control Tx**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | A count of the number of Loopback Control OAMPDUs transmitted on this interface. |
| Displayed name | Loopback Control Tx |
| OSS name | dot3OamLoopbackControlTx |
| Read-only | no |
| Tab Panel | General counters |
| Type | INT |
| Units | OAMPDUs |

Loopback Status**Table 3-1364 Loopback Status**

| Name | Value |
|---------|----------------|
| Default | yes:noLoopback |

Table 3-1364 Loopback Status (continued)

| Name | Value |
|--------------------------|---|
| Description | The loopback status of the OAM entity. This status is determined by a combination of the local parser and multiplexer states, the remote parser and multiplexer states, as well as by the actions of the local OAM client. When operating in normal mode with no loopback in progress, the status reads noLoopback(1). The values initiatingLoopback(2) and terminatingLoopback(4) can be read or written. The other values can only be read - they can never be written. Writing initiatingLoopback causes the local OAM entity to start the loopback process with its peer. This value can only be written when the status is noLoopback(1). Writing the value initiatingLoopback(2) in any other state has no effect. When in remoteLoopback(3), writing terminatingLoopback(4) causes the local OAM entity to initiate the termination of the loopback state. Writing terminatingLoopback(4) in any other state has no effect. If the OAM client initiates a loopback and has sent an Loopback OAMPDU and is waiting for a response, where the local parser and multiplexer states are DISCARD (see [802.3ah, 57.2.11.1]), the status is 'initiatingLoopback'. In this case, the local OAM entity has yet to receive any acknowledgement that the remote OAM entity has received its loopback command request. If the local OAM client knows that the remote OAM entity is in loopback mode (via the remote state information as described in [802.3ah, 57.2.11.1, 30.3.6.1.15]), the status is remoteLoopback(3). If the local OAM client is in the process of terminating the remote loopback [802.3ah, 57.2.11.3, 30.3.6.1.14], with its local multiplexer and parser states in DISCARD, the status is terminatingLoopback(4). If the remote OAM client has put the local OAM entity in loopback mode as indicated by its local parser state, the status is localLoopback(5). The unknown(6) status indicates the parser and multiplexer combination is unexpected. This status may be returned if the OAM loopback is in a transition state but should not persist. |
| Displayed name | Loopback Status |
| OSS name | dot3OamLoopbackStatus |
| Read-only | no |
| Tab Panel | General general |
| Type | Dot3LoopbackStatus |
| Enumerated types: | |
| Initiating Loopback | |
| Local Loopback | |
| No Loopback | |
| Remote Loopback | |
| Terminating Loopback | |
| Unknown | |

Max. PDU Size**Table 3-1365 Max. PDU Size**

| Name | Value |
|---------|----------|
| Default | yes:1514 |

Table 3-1365 Max. PDU Size (continued)

| Name | Value |
|----------------|---|
| Description | The largest OAMPDU that the OAM entity supports. OAM entities exchange maximum OAMPDU sizes and negotiate to use the smaller of the two maximum OAMPDU sizes between the peers. This value is determined by the local implementation. |
| Displayed name | Max. PDU Size |
| Maximum | 1518 |
| Minimum | 64 |
| OSS name | dot3OamMaxOamPduSize |
| Read-only | no |
| Tab Panel | General general |
| Type | INT |

Mode**Table 3-1366 Mode**

| Name | Value |
|--------------------------|--|
| Default | yes:active |
| Description | This object configures the mode of OAM operation for this Ethernet like interface. OAM on Ethernet interfaces may be in 'active' mode or 'passive' mode. These two modes differ in that active mode provides additional capabilities to initiate monitoring activities with the remote OAM peer entity, while passive mode generally waits for the peer to initiate OAM actions with it. As an example, an active OAM entity can put the remote OAM entity in a loopback state, where a passive OAM entity cannot. The default value of dot3OamMode is dependent on the type of system on which this Ethernet like interface resides. The default value should be 'active(1)' unless it is known that this system should take on a subservient role to the other device connected over this interface. Changing this value results in incrementing the configuration revision field of locally generated OAMPDUs (30.3.6.1.12) and potentially re-doing the OAM discovery process if the dot3OamOperStatus was already operational(9). |
| Displayed name | Mode |
| OSS name | dot3OamMode |
| Read-only | no |
| Tab Panel | General general |
| Type | Dot3OamMode |
| Enumerated types: | |
| Active | |
| Passive | |

Multiplier
Table 3-1367 Multiplier

| Name | Value |
|-----------------------|---|
| Default | yes:5 |
| Description | The value of this property indicates how many receive intervals may expire with no OAMPDU receive. After the configured number of intervals with OAMPDU receive have passed, the OAM negotiation process will restart |
| Displayed name | Multiplier |
| Mandatory on creation | no |
| Maximum | 5 |
| Minimum | 2 |
| OSS name | dot3OamMultiplier |
| Read-only | no |
| Tab Panel | General general |
| Type | INT |
| Units | Intervals |

Near-end Errored Symbols Rx**Table 3-1368 Near-end Errored Symbols Rx**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Near-end Errored Symbols Rx |
| OSS name | dot3OamRxNrNearEndErroredSymbols |
| Read-only | no |
| Tab Panel | General counters |
| Type | LONG |

Notify**Table 3-1369 Notify**

| Name | Value |
|-------------|---|
| Default | yes:true |
| Description | If true, the OAM entity should send an Event Notification OAMPDU when an Errored Frame Event occurs. By default, this object should have the value true for Ethernet-like interfaces that support OAM. If the OAM layer does not support Event Notifications (as indicated via the dot3OamFunctionsSupported attribute), this value is ignored. |

Table 3-1369 Notify (continued)

| Name | Value |
|-----------------------|------------------------------|
| Displayed name | Notify |
| Mandatory on creation | no |
| OSS name | dot3OamErrFrameEvNotifEnable |
| Read-only | no |
| Tab Panel | General linkEvent errorFrame |
| Type | BOOL |

Notify**Table 3-1370 Notify**

| Name | Value |
|-----------------------|--|
| Default | yes:true |
| Description | If true, the OAM entity should send an Event Notification OAMPDU when an Errored Frame Period Event occurs. By default, this object should have the value true for Ethernet-like interfaces that support OAM. If the OAM layer does not support Event Notifications (as indicated via the dot3OamFunctionsSupported attribute), this value is ignored. |
| Displayed name | Notify |
| Mandatory on creation | no |
| OSS name | dot3OamErrFramePeriodEvNotifEnable |
| Read-only | no |
| Tab Panel | General linkEvent errorFramePeriod |
| Type | BOOL |

Notify**Table 3-1371 Notify**

| Name | Value |
|-----------------------|--|
| Default | yes:true |
| Description | "If true, the local OAM entity should send an Event Notification OAMPDU when an Errored Frame Seconds Event occurs. By default, this object should have the value true for Ethernet-like interfaces that support OAM. If the OAM layer does not support Event Notifications (as indicated via the dot3OamFunctionsSupported attribute), this value is ignored. |
| Displayed name | Notify |
| Mandatory on creation | no |

Table 3-1371 Notify (continued)

| Name | Value |
|-------------|-------------------------------------|
| OSS name | dot3OamErrFrameSecsEvNotifEnable |
| Read-only | no |
| Tab Panel | General linkEvent errorFrameSeconds |
| Type | BOOL |

Notify**Table 3-1372 Notify**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | If true, the OAM entity should send an Event Notification OAMPDU when an Errored Symbol Period Event occurs. By default, this object should have the value true for Ethernet-like interfaces that support OAM. If the OAM layer does not support Event Notifications (as indicated via the dot3OamFunctionsSupported attribute), this value is ignored. |
| Displayed name | Notify |
| OSS name | dot3OamErrSymPeriodEvNotifEnable |
| Read-only | no |
| Tab Panel | General linkEvent errorFrameSymbols |
| Type | BOOL |

Number of Frames**Table 3-1373 Number of Frames**

| Name | Value |
|-----------------------|---|
| Default | yes:5 |
| Description | This object is used to set the number of frames to be transmitted from the interface during L1 ping |
| Displayed name | Number of Frames |
| Mandatory on creation | no |
| Maximum | 20 |
| Minimum | 1 |
| OSS name | l1PingFrames |
| Read-only | no |
| Tab Panel | General l1Ping |

Table 3-1373 Number of Frames (continued)

| Name | Value |
|------|-------|
| Type | INT |

Operational Status

Table 3-1374 Operational Status

| Name | Value |
|----------------|---|
| Default | yes:notApplicable |
| Description | <p>"At initialization and failure conditions, two OAM entities on the same full-duplex Ethernet link begin a discovery phase to determine what OAM capabilities may be used on that link. The progress of this initialization is controlled by the OAM sublayer. This value is always disabled(1) if OAM is disabled on this interface via the dot3OamAdminState. If the link has detected a fault and is transmitting OAMPDUs with a link fault indication, the value is linkFault(2). Also, if the interface is not operational (ifOperStatus is not up(1)), linkFault(2) is returned. Note that the object ifOperStatus may not be up(1) as a result of link failure or administrative action (ifAdminState being down(2) or testing(3)). The passiveWait(3) state is returned only by OAM entities in passive mode (dot3OamMode) and reflects the state in which the OAM entity is waiting to see if the peer device is OAM capable. The activeSendLocal(4) value is used by active mode devices (dot3OamMode) and reflects the OAM entity actively trying to discover whether the peer has OAM capability but has not yet made that determination. The state sendLocalAndRemote(5) reflects that the local OAM entity has discovered the peer but has not yet accepted or rejected the configuration of the peer. The local device can, for whatever reason, decide that the peer device is unacceptable and decline OAM peering. If the local OAM entity rejects the peer OAM entity, the state becomes oamPeeringLocallyRejected(7). If the OAM peering is allowed by the local device, the state moves to sendLocalAndRemoteOk(6). Note that both the sendLocalAndRemote(5) and oamPeeringLocallyRejected(7) states fall within the state SEND_LOCAL_REMOTE of the Discovery state diagram [802.3ah, Figure 57-5], with the difference being whether the local OAM client has actively rejected the peering or has just not indicated any decision yet. Whether a peering decision has been made is indicated via the local flags field in the OAMPDU (reflected in the aOAMLocalFlagsField of 30.3.6.1.10). If the remote OAM entity rejects the peering, the state becomes oamPeeringRemotelyRejected(8). Note that both the sendLocalAndRemoteOk(6) and oamPeeringRemotelyRejected(8) states fall within the state SEND_LOCAL_REMOTE_OK of the Discovery state diagram [802.3ah, Figure 57-5], with the difference being whether the remote OAM client has rejected the peering or has just not yet decided. This is indicated via the remote flags field in the OAM PDU (reflected in the aOAMRemoteFlagsField of 30.3.6.1.11). When the local OAM entity learns that both it and the remote OAM entity have accepted the peering, the state moves to operational(9) corresponding to the SEND_ANY state of the Discovery state diagram [802.3ah, Figure 57-5]. Since Ethernet OAM functions are not designed to work completely over half-duplex interfaces, the value nonOperHalfDuplex(10) is returned whenever Ethernet OAM is enabled (dot3OamAdminState is enabled(1)) but the interface is in half-duplex operation.</p> |
| Displayed name | Operational Status |
| OSS name | dot3OamOperStatus |
| Read-only | no |
| Tab Panel | General general |
| Type | Dot3OamOperStatus |

Table 3-1374 Operational Status (continued)

| Name | Value |
|-------------------------------|-------|
| Enumerated types: | |
| Active Send Local | |
| Disabled | |
| Link Fault | |
| N/A | |
| Non Operational HalfDuplex | |
| OAM Peering Locally Rejected | |
| OAM Peering Remotely Rejected | |
| Operational | |
| Passive Wait | |
| Send Local And Remote | |
| Send Local And Remote Ok | |

Peer Configuration Revision

Table 3-1375 Peer Configuration Revision

| Name | Value |
|----------------|---|
| Description | The configuration revision of the OAM peer as reflected in the latest OAMPDU. This attribute is changed by the peer whenever it has a local configuration change for Ethernet OAM this interface. The configuration revision can be determined from the Revision field of the Local Information TLV of the most recently received Information OAMPDU with a Local Information TLV. A value of zero is returned if no Local Information TLV has been received. |
| Displayed name | Peer Configuration Revision |
| OSS name | dot3OamPeerConfigRevision |
| Read-only | no |
| Tab Panel | General peer |
| Type | INT |

Peer Functions Supported

Table 3-1376 Peer Functions Supported

| Name | Value |
|--------------------------|--|
| Description | The OAM functions supported on this Ethernet like interface. OAM consists of separate functionality sets above the basic discovery process. This value indicates the capabilities of the peer OAM entity with respect to these functions. This value is initialized so all bits are clear. If unidirectionalSupport(0) is set, then the peer OAM entity supports sending OAM frames on Ethernet interfaces when the receive path is known to be inoperable. If loopbackSupport(1) is set, then the peer OAM entity can send and receive OAM loopback commands. If eventSupport(2) is set, then the peer OAM entity can send and receive event OAMPDUs to signal various error conditions. If variableSupport(3) is set, then the peer OAM entity can send and receive variable requests to monitor attribute value as described in Clause 57 of [802.3ah]. The capabilities of the OAM peer can be determined from the configuration field of the Local Information TLV of the most recently received Information OAMPDU with a Local Information TLV. All zeros are returned if no Local Information TLV has yet been received. |
| Displayed name | Peer Functions Supported |
| OSS name | dot3OamPeerFunctSupported |
| Read-only | no |
| Tab Panel | General peer |
| Type | Dot3OamFunctionsSupported |
| Enumerated types: | |
| Event Support | |
| Loopback Support | |
| Unidirectional Support | |
| Variable Support | |

Peer Grace Rx

Table 3-1377 Peer Grace Rx

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value of tmnxDot3OamPeerGraceRx indicates that the OAM entity is receiving 'grace-period' notifications through this peer. |
| Displayed name | Peer Grace Rx |
| OSS name | peerGraceRx |
| Read-only | yes |
| Tab Panel | General peer |
| Type | BOOL |

Peer MAC Address

Table 3-1378 Peer MAC Address

| Name | Value |
|----------------|---|
| Description | The MAC address of the peer OAM entity. The MAC address is derived from the most recently received OAMPDU |
| Displayed name | Peer MAC Address |
| OSS name | dot3OamPeerMacAddress |
| Read-only | no |
| Tab Panel | General peer |
| Type | MACADDR |

Peer Max PDU Size

Table 3-1379 Peer Max PDU Size

| Name | Value |
|----------------|---|
| Description | "The maximum size of OAMPDU supported by the peer as reflected in the latest Information OAMPDU received with a Local Information TLV. Ethernet OAM on this interface must not use OAMPDUs that exceed this size. The maximum OAMPDU size can be determined from the PDU Configuration field of the Local Information TLV of the last Information OAMPDU received from the peer. A value of zero is returned if no Local Information TLV has been received. Otherwise, the value of the OAM peer's maximum OAMPDU size is returned in this value. Note that the values 1..63 are invalid sizes for Ethernet frames and should never appear. |
| Displayed name | Peer Max PDU Size |
| OSS name | dot3OamPeerMaxOamPduSize |
| Read-only | no |
| Tab Panel | General peer |
| Type | INT |

Peer Mode

Table 3-1380 Peer Mode

| Name | Value |
|-------------|---|
| Default | yes:unknown |
| Description | The mode of the OAM peer as reflected in the latest Information OAMPDU received with a Local Information TLV. The mode of the peer can be determined from the Configuration field in the Local Information TLV of the last Information OAMPDU received from the peer. The value is unknown(3) whenever no Local Information TLV has been received. The values of active(1) and passive(2) are returned when a Local Information TLV has been received indicating the peer is in active or passive mode, respectively. |

Table 3-1380 Peer Mode (continued)

| Name | Value |
|--------------------------|-----------------|
| Displayed name | Peer Mode |
| OSS name | dot3OamPeerMode |
| Read-only | no |
| Tab Panel | General peer |
| Type | PeerDot3OamMode |
| Enumerated types: | |
| Active | |
| Passive | |
| Unknown | |

Peer Vendor Info**Table 3-1381 Peer Vendor Info**

| Name | Value |
|----------------|--|
| Description | The Vendor Info of the OAM peer as reflected in the latest Information OAMPDU received with a Local Information TLV. The vendor information field is within the Local Information TLV, and can be used to determine additional information about the peer entity. The format of the vendor information is unspecified within the 32-bit field. This value is initialized to zero before any Local Information TLV is received. |
| Displayed name | Peer Vendor Info |
| Maximum | 64 |
| OSS name | dot3OamPeerVendorInfo |
| Read-only | no |
| Tab Panel | General peer |
| Type | STRING |

Peer Vendor OUI**Table 3-1382 Peer Vendor OUI**

| Name | Value |
|----------------|---|
| Description | The OUI of the OAM peer as reflected in the latest Information OAMPDU received with a Local Information TLV. The OUI can be used to identify the vendor of the remote OAM entity. This value is initialized to zero before any Local Information TLV is received. |
| Displayed name | Peer Vendor OUI |
| Maximum | 64 |

Table 3-1382 Peer Vendor OUI (continued)

| Name | Value |
|-------------|----------------------|
| OSS name | dot3OamPeerVendorOui |
| Read-only | no |
| Tab Panel | General peer |
| Type | STRING |

Reaction to Peer Critical Event**Table 3-1383 Reaction to Peer Critical Event**

| Name | Value |
|--------------------------|---|
| Default | yes:outOfService |
| Description | The value of tmnxDot3OamPrRdiRxCriticalEvent specifies how the local port will be impacted when it receives an Information OAMPDU from the peer with the critical event flag set. |
| Displayed name | Reaction to Peer Critical Event |
| OSS name | tmnxDot3OamPrRdiRxCriticalEvent |
| Read-only | no |
| Tab Panel | General linkEvent |
| Type | TmnxLocalPortAction |
| Enumerated types: | |
| | log-only |
| | out-of-service |

Reaction to Peer Dying Gasp**Table 3-1384 Reaction to Peer Dying Gasp**

| Name | Value |
|----------------|---|
| Default | yes:outOfService |
| Description | The value of tmnxDot3OamPrRdiRxDyingGasp specifies how the local port will be impacted when it receives an Information OAMPDU from the peer with the dying gasp flag set. |
| Displayed name | Reaction to Peer Dying Gasp |
| OSS name | tmnxDot3OamPrRdiRxDyingGasp |
| Read-only | no |
| Tab Panel | General linkEvent |

Table 3-1384 Reaction to Peer Dying Gasp (continued)

| Name | Value |
|--------------------------|---------------------|
| Type | TmnxLocalPortAction |
| Enumerated types: | |
| log-only | |
| out-of-service | |

Reaction to Peer Event Notification**Table 3-1385 Reaction to Peer Event Notification**

| Name | Value |
|--------------------------|---|
| Default | yes:outOfService |
| Description | The value of tmnxDot3OamPrRdiRxEventNotif specifies how the local port will be impacted when it receives an Event Notification OAMPDU from the peer. The Event TLVs contained in the Event Notification OAMPDU will be analysed to determine if the OAM peer has crossed the error threshold for the window. The analysis does not consider any local signal degrade or signal failure thresholds. The analysis is based solely on the information received from the OAM peer. The analysis is performed on all supported Event TLVs without regard for support of a specific error counter or local configuration of any thresholds. |
| Displayed name | Reaction to Peer Event Notification |
| OSS name | tmnxDot3OamPrRdiRxEventNotif |
| Read-only | no |
| Tab Panel | General linkEvent |
| Type | TmnxLocalPortAction |
| Enumerated types: | |
| log-only | |
| out-of-service | |

Reaction to Peer Link Fault Flag in OAMPDU**Table 3-1386 Reaction to Peer Link Fault Flag in OAMPDU**

| Name | Value |
|----------------|---|
| Default | yes:outOfService |
| Description | The value of tmnxDot3OamPrRdiRxLinkFault specifies how the local port will be impacted when it receives an Information OAMPDU from the peer with the link fault flag set. |
| Displayed name | Reaction to Peer Link Fault Flag in OAMPDU |
| OSS name | tmnxDot3OamPrRdiRxLinkFault |

Table 3-1386 Reaction to Peer Link Fault Flag in OAMPDU (continued)

| Name | Value |
|--------------------------|---------------------|
| Read-only | no |
| Tab Panel | General linkEvent |
| Type | TmnxLocalPortAction |
| Enumerated types: | |
| | log-only |
| | out-of-service |

Received Remote Loopback Requests

Table 3-1387 Received Remote Loopback Requests

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | Since OAM loopback is a disruptive operation (user traffic does not pass), this attribute provides a mechanism to provide controls over whether received OAM loopback commands are processed or ignored. When the value is ignore(1), received loopback commands are ignored. When the value is process(2), OAM loopback commands are processed. The default value is to ignore loopback commands (ignore(1)). |
| Displayed name | Received Remote Loopback Requests |
| OSS name | dot3OamLoopbackIgnoreRx |
| Read-only | no |
| Tab Panel | General general |
| Type | INT |

SD Threshold

Table 3-1388 SD Threshold

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The value of tmnxDot3OamErrFrmSdThreshold specifies the Signal Degrade (SD) threshold for frame errors over a period of time. This object's value must be lower than the Signal Failure (SF) threshold, dot3OamErrFrameThreshold. If the number of errored frames within dot3OamErrFrameWindow is equal to or greater than tmnxDot3OamErrFrmSdThreshold and tmnxDot3OamErrFrmEnabled is set to 'enabled (1)', the port is considered degraded but still functional, and a tmnxDot3OamSdThresholdEvent notification is generated. A value of 0 indicates this SD threshold is ignored. |
| Displayed name | SD Threshold |
| Maximum | 1000000 |

Table 3-1388 SD Threshold (continued)

| Name | Value |
|-------------|------------------------------------|
| Minimum | 0 |
| OSS name | tmnxDot3OamErrFrmPrdSdThreshold |
| Read-only | no |
| Tab Panel | General linkEvent errorFramePeriod |
| Type | INT |
| Units | frames |

SD Threshold**Table 3-1389 SD Threshold**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The value of tmnxDot3OamErrFrmSdThreshold specifies the Signal Degrade (SD) threshold for frame errors over a period of time. This object's value must be lower than the Signal Failure (SF) threshold, dot3OamErrFrameThreshold. If the number of errored frames within dot3OamErrFrameWindow is equal to or greater than tmnxDot3OamErrFrmSdThreshold and tmnxDot3OamErrFrmEnabled is set to 'enabled (1)', the port is considered degraded but still functional, and a tmnxDot3OamSdThresholdEvent notification is generated. A value of 0 indicates this SD threshold is ignored. |
| Displayed name | SD Threshold |
| Maximum | 1000000 |
| Minimum | 0 |
| OSS name | tmnxDot3OamErrFrmSdThreshold |
| Read-only | no |
| Tab Panel | General linkEvent errorFrame |
| Type | INT |
| Units | frames |

SD Threshold**Table 3-1390 SD Threshold**

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 3-1390 SD Threshold (continued)

| Name | Value |
|----------------|--|
| Description | The value of <code>tmnxDot3OamErrFrmSecSdThreshold</code> specifies the Signal Degrade (SD) threshold for errored frame seconds. This object's value must be lower than the Signal Failure (SF) threshold, <code>dot3OamErrFramePeriodThreshold</code> . If the number of errored frame seconds within <code>dot3OamErrFrameSecsSummaryWindow</code> is equal to or greater than <code>tmnxDot3OamErrFrmSecSdThreshold</code> and <code>tmnxDot3OamErrFrmSecEnabled</code> is set to 'enabled (1)', the port is considered degraded but still functional, and a <code>tmnxDot3OamSdThresholdEvent</code> notification is generated. A value of 0 indicates this SD threshold is ignored. |
| Displayed name | SD Threshold |
| Maximum | 900 |
| Minimum | 0 |
| OSS name | <code>tmnxDot3OamErrFrmSecSdThreshold</code> |
| Read-only | no |
| Tab Panel | General linkEvent errorFrameSeconds |
| Type | INT |
| Units | errored frame seconds |

SD Threshold

Table 3-1391 SD Threshold

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The value of <code>tmnxDot3OamErrSymPrdSdThreshold</code> specifies the Signal Degrade (SD) threshold for symbol period errors. This object's value must be lower than the Signal Failure (SF) threshold, <code>dot3OamErrFramePeriodThresholdLo</code> . If the number of symbol errors within <code>dot3OamErrSymPeriodWindowLo</code> is equal to or greater than <code>tmnxDot3OamErrSymPrdSdThreshold</code> and <code>tmnxDot3OamErrSymPrdEnabled</code> is set to 'enabled (1)', the port is considered degraded but still functional, and a <code>tmnxDot3OamSdThresholdEvent</code> notification is generated. A value of 0 indicates this SD threshold is ignored. |
| Displayed name | SD Threshold |
| Maximum | 1000000 |
| Minimum | 0 |
| OSS name | <code>tmnxDot3OamErrSymPrdSdThreshold</code> |
| Read-only | no |
| Tab Panel | General linkEvent errorFrameSymbols |
| Type | INT |
| Units | symbols |

Set Local Loopback
Table 3-1392 Set Local Loopback

| Name | Value |
|-----------------------|--|
| Default | yes:1 |
| Description | The value of this property indicates the local loopback status of the OAM entity. This attribute allows the user to manually set the local OAM entity loopback mode overriding the 802.3ah protocol for loopback. Setting the value to 'localLoopback' can only be done if dot3OamLoopbackStatus is set to 'noLoopback'. If dot3OamLoopbackStatus is any value other than 'noLoopback', the changes to dot3OamLoopbackLocalStatus will have no effect. If dot3OamLoopbackStatus is set to 'localLoopback', the OAM entity will act as if its peer put the OAM entity into local loopback. This entry allows the user to put an OAM entity into local loopback mode, even if dot3OamLoopbackIgnoreRx is set to 'ignore'." |
| Displayed name | Set Local Loopback |
| Mandatory on creation | no |
| OSS name | dot3OamLoopbackLocalStatus |
| Read-only | no |
| Tab Panel | General general |
| Type | INT |

Set Remote Loopback**Table 3-1393 Set Remote Loopback**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-1393 Set Remote Loopback (continued)

| Name | Value |
|----------------|---|
| Description | The loopback status of the OAM entity. This status is determined by a combination of the local parser and multiplexer states, the remote parser and multiplexer states, as well as by the actions of the local OAM client. When operating in normal mode with no loopback in progress, the status reads noLoopback(1). The values initiatingLoopback(2) and terminatingLoopback(4) can be read or written. The other values can only be read - they can never be written. Writing initiatingLoopback causes the local OAM entity to start the loopback process with its peer. This value can only be written when the status is noLoopback(1). Writing the value initiatingLoopback(2) in any other state has no effect. When in remoteLoopback(3), writing terminatingLoopback(4) causes the local OAM entity to initiate the termination of the loopback state. Writing terminatingLoopback(4) in any other state has no effect. If the OAM client initiates a loopback and has sent an Loopback OAMPDU and is waiting for a response, where the local parser and multiplexer states are DISCARD (see [802.3ah, 57.2.11.1]), the status is 'initiatingLoopback'. In this case, the local OAM entity has yet to receive any acknowledgement that the remote OAM entity has received its loopback command request. If the local OAM client knows that the remote OAM entity is in loopback mode (via the remote state information as described in [802.3ah, 57.2.11.1, 30.3.6.1.15]), the status is remoteLoopback(3). If the local OAM client is in the process of terminating the remote loopback [802.3ah, 57.2.11.3, 30.3.6.1.14], with its local multiplexer and parser states in DISCARD, the status is terminatingLoopback(4). If the remote OAM client has put the local OAM entity in loopback mode as indicated by its local parser state, the status is localLoopback(5). The unknown(6) status indicates the parser and multiplexer combination is unexpected. This status may be returned if the OAM loopback is in a transition state but should not persist. |
| Displayed name | Set Remote Loopback |
| OSS name | dot3Actions |
| Read-only | no |
| Tab Panel | General general |
| Type | BOOL |

SF Threshold**Table 3-1394 SF Threshold**

| Name | Value |
|-----------------------|--|
| Default | yes:1 |
| Description | The number of frame errors that must occur for this event to be triggered. The default value is one frame error. If the threshold value is zero, then an Event Notification OAMPDU is sent periodically (at the end of every window). This can be used as an asynchronous notification to the peer OAM entity of the statistics related to this threshold crossing alarm. If dot3OamErrFramePeriodThreshold frame errors occur within a window of dot3OamErrFramePeriodWindow frames, an Event Notification OAMPDU should be generated with an Errored Frame Period Event TLV indicating that the threshold has been crossed in this window. |
| Displayed name | SF Threshold |
| Mandatory on creation | no |

Table 3-1394 SF Threshold (continued)

| Name | Value |
|-------------|------------------------------------|
| Maximum | 4294967295 |
| Minimum | 1 |
| OSS name | dot3OamErrFramePeriodThreshold |
| Read-only | no |
| Tab Panel | General linkEvent errorFramePeriod |
| Type | LONG |
| Units | frames |

SF Threshold**Table 3-1395 SF Threshold**

| Name | Value |
|-----------------------|---|
| Default | yes:1 |
| Description | The number of errored frame seconds that must occur for this event to be triggered. The default value is one errored frame second. If the threshold value is zero, then an Event Notification OAMPDU is sent periodically (at the end of every window). This can be used as an asynchronous notification to the peer OAM entity of the statistics related to this threshold crossing alarm. If dot3OamErrFrameSecsSummaryThreshold frame errors occur within a window of dot3OamErrFrameSecsSummaryWindow (in tenths of seconds), an Event Notification OAMPDU should be generated with an Errored Frame Seconds Summary Event TLV indicating that the threshold has been crossed in this window. |
| Displayed name | SF Threshold |
| Mandatory on creation | no |
| Maximum | 900 |
| Minimum | 1 |
| OSS name | dot3OamErrFrameSecsSummaryThreshold |
| Read-only | no |
| Tab Panel | General linkEvent errorFrameSeconds |
| Type | INT |
| Units | framesec |

SF Threshold**Table 3-1396 SF Threshold**

| Name | Value |
|---------|-------|
| Default | yes:1 |

Table 3-1396 SF Threshold (continued)

| Name | Value |
|-----------------------|--|
| Description | The number of frame errors that must occur for this event to be triggered. The default value is one frame error. If the threshold value is zero, then an Event Notification OAMPDU is sent periodically (at the end of every window). This can be used as an asynchronous notification to the peer OAM entity of the statistics related to this threshold crossing alarm. If dot3OamErrFrameThreshold frame errors occur within a window of dot3OamErrFrameWindow (in tenths of seconds), an Event Notification OAMPDU should be generated with an Errored Frame Event TLV indicating the threshold has been crossed in this window. |
| Displayed name | SF Threshold |
| Mandatory on creation | no |
| Maximum | 4294967295 |
| Minimum | 1 |
| OSS name | dot3OamErrFrameThreshold |
| Read-only | no |
| Tab Panel | General linkEvent errorFrame |
| Type | LONG |
| Units | frames |

SF Threshold

Table 3-1397 SF Threshold

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The two objects dot3OamErrSymPeriodThresholdHi and dot3OamErrSymPeriodThresholdLo together form an unsigned 64-bit integer representing the number of symbol errors that must occur within a given window to cause this event. This is defined as $\text{dot3OamErrSymPeriodThreshold} = ((2^{32}) * \text{dot3OamErrSymPeriodThresholdHi}) + \text{dot3OamErrSymPeriodThresholdLo}$. If dot3OamErrSymPeriodThreshold symbol errors occur within a window of dot3OamErrSymPeriodWindow symbols, an Event Notification OAMPDU should be generated with an Errored Symbol Period Event TLV indicating that the threshold has been crossed in this window. The default value for dot3OamErrSymPeriodThreshold is one symbol errors. If the threshold value is zero, then an Event Notification OAMPDU is sent periodically (at the end of every window). This can be used as an asynchronous notification to the peer OAM entity of the statistics related to this threshold crossing alarm. |
| Displayed name | SF Threshold |
| Maximum | 1000000 |
| Minimum | 0 |
| OSS name | dot3OamErrSymPrdSfThresholdLo |
| Read-only | no |

Table 3-1397 SF Threshold (continued)

| Name | Value |
|-------------|-------------------------------------|
| Tab Panel | General linkEvent errorFrameSymbols |
| Type | INT |
| Units | symbols |

Start L1-Ping**Table 3-1398 Start L1-Ping**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | This object is used to trigger I1-Ping from SAM. |
| Displayed name | Start L1-Ping |
| OSS name | I1PingStart |
| Read-only | no |
| Tab Panel | General I1Ping |
| Type | BOOL |

Statistics**Table 3-1399 Statistics**

| Name | Value |
|--------------------------|---|
| Default | yes:default |
| Description | Reset all statistics parameters corresponding to this port By default, this objects contains a zero value |
| Displayed name | Statistics |
| OSS name | clearStats |
| Read-only | no |
| Tab Panel | General general |
| Type | Dot3OamReset |
| Enumerated types: | |
| Default | |
| Reset | |

Transmit Interval
Table 3-1400 Transmit Interval

| Name | Value |
|-----------------------|--|
| Default | yes:10 |
| Description | The value of this property indicates the number of 100ms time intervals between each periodic OAMPDU transmit and receive. A lower value implies that OAMPDUs will be transmitted more frequently to the peer, and OAMPDUs must be received more frequently from the peer. The default is set to 10, meaning 1 second between transmits and receives |
| Displayed name | Transmit Interval |
| Mandatory on creation | no |
| Maximum | 600 |
| Minimum | 1 |
| OSS name | dot3OamInterval |
| Read-only | no |
| Tab Panel | General general |
| Type | INT |
| Units | x100ms |

Tunneling**Table 3-1401 Tunneling**

| Name | Value |
|-----------------------|---|
| Default | yes:false |
| Description | The value of this property indicates if OAMPDUs should be passed transparently through the OAM entity for processing by another OAM entity across the network, or if OAMPDUs should be terminated and processed at the local OAM entity. This object can only be set to 'true' if dot3OamAdminState is set to 'disabled'. Likewise, dot3OamAdminState can only be set to 'enabled' if this object is set to 'false'. It is not valid to try and enable both OAMPDU processing and OAMPDU tunneling on the same OAM entity." |
| Displayed name | Tunneling |
| Mandatory on creation | no |
| OSS name | dot3OamTunneling |
| Read-only | no |
| Tab Panel | General general |
| Type | BOOL |

Unique Event Rx

Table 3-1402 Unique Event Rx

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | A count of the number of unique Event OAMPDUs received on this interface |
| Displayed name | Unique Event Rx |
| OSS name | dot3OamUniqueEventNotificationRx |
| Read-only | no |
| Tab Panel | General counters |
| Type | INT |
| Units | OAMPDUs |

Unique Event Tx

Table 3-1403 Unique Event Tx

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | A count of the number of unique Event OAMPDUs transmitted on this interface. |
| Displayed name | Unique Event Tx |
| OSS name | dot3OamUniqueEventNotificationTx |
| Read-only | no |
| Tab Panel | General counters |
| Type | INT |
| Units | OAMPDUs |

Unsupported Codes Rx

Table 3-1404 Unsupported Codes Rx

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | A count of the number of OAMPDUs received on this interface with an unsupported op-code. |
| Displayed name | Unsupported Codes Rx |
| OSS name | dot3OamUnsupportedCodesRx |
| Read-only | no |

Table 3-1404 Unsupported Codes Rx (continued)

| Name | Value |
|-------------|------------------|
| Tab Panel | General counters |
| Type | INT |
| Units | OAMPDU |

Unsupported Codes Tx**Table 3-1405 Unsupported Codes Tx**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | A count of the number of OAMPDU transmitted on this interface with an unsupported op-code. |
| Displayed name | Unsupported Codes Tx |
| OSS name | dot3OamUnsupportedCodesTx |
| Read-only | no |
| Tab Panel | General counters |
| Type | INT |
| Units | OAMPDU |

Window**Table 3-1406 Window**

| Name | Value |
|-----------------------|--|
| Default | yes:200000 |
| Description | The number of frames over which the threshold is defined. The default value of the window is the number of minimum size Ethernet frames that can be received over the physical layer in one second. If dot3OamErrFramePeriodThreshold frame errors occur within a window of dot3OamErrFramePeriodWindow frames, an Event Notification OAMPDU should be generated with an Errored Frame Period Event TLV indicating that the threshold has been crossed in this window. |
| Displayed name | Window |
| Mandatory on creation | no |
| Maximum | 1200000000 |
| Minimum | 20000 |
| OSS name | dot3OamErrFramePeriodWindow |
| Read-only | no |

Table 3-1406 Window (continued)

| Name | Value |
|-------------|------------------------------------|
| Tab Panel | General linkEvent errorFramePeriod |
| Type | LONG |
| Units | frames |

Window**Table 3-1407 Window**

| Name | Value |
|-----------------------|--|
| Default | yes:600 |
| Description | The amount of time (in 100 ms intervals) over which the threshold is defined. The default value is 100 (10 seconds). If dot3OamErrFrameSecsSummaryThreshold frame errors occur within a window of dot3OamErrFrameSecsSummaryWindow (in tenths of seconds), an Event Notification OAMPDU should be generated with an Errored Frame Seconds Summary Event TLV indicating that the threshold has been crossed in this window. |
| Displayed name | Window |
| Mandatory on creation | no |
| Maximum | 9000 |
| Minimum | 100 |
| OSS name | dot3OamErrFrameSecsSummaryWindow |
| Read-only | no |
| Step | 1 |
| Tab Panel | General linkEvent errorFrameSeconds |
| Type | INT |
| Units | deciseconds |

Window**Table 3-1408 Window**

| Name | Value |
|----------------|--|
| Default | yes:10 |
| Description | The amount of time (in 100ms increments) over which the threshold is defined. The default value is 10 (1 second). If dot3OamErrFrameThreshold frame errors occur within a window of dot3OamErrFrameWindow seconds (measured in tenths of seconds), an Event Notification OAMPDU should be generated with an Errored Frame Event TLV indicating that the threshold has been crossed in this window. |
| Displayed name | Window |

Table 3-1408 Window (continued)

| Name | Value |
|-----------------------|------------------------------|
| Mandatory on creation | no |
| Maximum | 600 |
| Minimum | 10 |
| OSS name | dot3OamErrFrameWindow |
| Read-only | no |
| Step | 1 |
| Tab Panel | General linkEvent errorFrame |
| Type | INT |
| Units | deciseconds |

Window**Table 3-1409 Window**

| Name | Value |
|----------------|--|
| Default | yes:10 |
| Description | The value of <code>tmnxDot3OamErrSymPrdWindowTime</code> specifies the window of time over which the threshold for symbol period errors is defined. This object's value must be specified in increments of 10. |
| Displayed name | Window |
| Maximum | 600 |
| Minimum | 10 |
| OSS name | <code>tmnxDot3OamErrSymPrdWindowTime</code> |
| Read-only | no |
| Step | 10 |
| Tab Panel | General linkEvent errorFrameSymbols |
| Type | INT |
| Units | deciseconds |

Window**Table 3-1410 Window**

| Name | Value |
|-------------|--|
| Description | The 64 bit window (in symbols) as a string, composed by the server using <code>dot3OamErrSymPrdWindowSymbolsHi</code> and <code>dot3OamErrSymPrdWindowSymbolsLo</code> |

Table 3-1410 Window (continued)

| Name | Value |
|----------------|-------------------------------------|
| Displayed name | Window |
| OSS name | windowSymbols |
| Read-only | yes |
| Tab Panel | General linkEvent errorFrameSymbols |
| Type | STRING |
| Units | symbols |

IgmpSnpgMrouter parameters

Expiry Time

Table 3-1411 Expiry Time

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Expiry Time |
| Mandatory on creation | yes |
| OSS name | expiryTime |
| Read-only | no |
| Tab Panel | General Queries |
| Type | LONG |
| Units | seconds |

General Query Interval

Table 3-1412 General Query Interval

| Name | Value |
|-----------------------|------------------------|
| Default | yes:0 |
| Displayed name | General Query Interval |
| Mandatory on creation | yes |
| OSS name | genQueryInterval |
| Read-only | no |
| Tab Panel | General Queries |
| Type | LONG |

Table 3-1412 General Query Interval (continued)

| Name | Value |
|-------|---------|
| Units | seconds |

IGMP Version

Table 3-1413 IGMP Version

| Name | Value |
|--------------------------|-----------------|
| Default | yes:1 |
| Displayed name | IGMP Version |
| Mandatory on creation | yes |
| OSS name | igmpVersion |
| Read-only | no |
| Tab Panel | General Queries |
| Type | IcmpVersionType |
| Enumerated types: | |
| Version 1 | |
| Version 2 | |
| Version 3 | |

Location

Table 3-1414 Location

| Name | Value |
|--------------------------|-------------------|
| Default | yes:1 |
| Displayed name | Location |
| Mandatory on creation | yes |
| OSS name | locale |
| Read-only | no |
| Tab Panel | General General |
| Type | MRouterLocaleType |
| Enumerated types: | |
| sap | |
| sdp | |

Maximum Response Interval**Table 3-1415 Maximum Response Interval**

| Name | Value |
|-----------------------|---------------------------|
| Default | yes:0 |
| Displayed name | Maximum Response Interval |
| Mandatory on creation | yes |
| OSS name | queryResponseInterval |
| Read-only | no |
| Tab Panel | General Queries |
| Type | LONG |
| Units | seconds |

Multicast Router Address**Table 3-1416 Multicast Router Address**

| Name | Value |
|-----------------------|--------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Multicast Router Address |
| Mandatory on creation | yes |
| OSS name | mrouterAddr |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Robust Count**Table 3-1417 Robust Count**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Robust Count |
| Mandatory on creation | yes |
| OSS name | robustCount |
| Read-only | no |
| Tab Panel | General Queries |
| Type | LONG |

Table 3-1417 Robust Count (continued)

| Name | Value |
|-------|---------|
| Units | seconds |

SAP/SDP**Table 3-1418 SAP/SDP**

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | SAP/SDP |
| Maximum | 252 |
| OSS name | sapOrSdpDisplayedName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Uptime**Table 3-1419 Uptime**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Uptime |
| Mandatory on creation | yes |
| OSS name | upTime |
| Read-only | no |
| Tab Panel | General Queries |
| Type | LONG |
| Units | seconds |

IP Filter Cfg parameters

Direction

Table 3-1420 Direction

| Name | Value |
|--------------------------|---|
| Default | yes:rx |
| Description | Direction on the specified network interface to which the IP ACL filter will be associated. |
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | filterDirection |
| Read-only | no |
| Tab Panel | General General |
| Type | Direction |
| Enumerated types: | |
| | Receive |
| | Transmit |

Filter Enabled

Table 3-1421 Filter Enabled

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Enable or disable the IP ACL filter associated with the specified interface and direction. |
| Displayed name | Filter Enabled |
| OSS name | filterEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Filter ID

Table 3-1422 Filter ID

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-1422 Filter ID (continued)

| Name | Value |
|----------------|---|
| Description | Identifier for the IP ACL filter being associated with the specified interface and direction. It represents an existing ACL Filter. |
| Displayed name | Filter ID |
| Maximum | 30 |
| OSS name | filterName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Filter ID**Table 3-1423 Filter ID**

| Name | Value |
|----------------|--|
| Description | Pointer to the IP ACL filter object associated with the specified interface and direction. |
| Displayed name | Filter ID |
| OSS name | filterPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Port Name**Table 3-1424 Port Name**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Identifier for the specified interface. |
| Displayed name | Port Name |
| Maximum | 252 |
| OSS name | portName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

System Default
Table 3-1425 System Default

| Name | Value |
|--------------------------|--|
| Default | yes:no |
| Description | Indicates if ACL interface added by the system or a user. {BR} Valid values are: {UL} {LI}yes - ACL interface is added by the system. {LI}no - ACL interface is added by the user. It is not allowed modify of any attributes when System Default = yes. |
| Displayed name | System Default |
| OSS name | systemDefault |
| Read-only | yes |
| Tab Panel | General General |
| Type | YesNo |
| Enumerated types: | |
| No | |
| Yes | |

yes**Table 3-1426 yes**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Identifier for the specified interface. |
| Displayed name | yes |
| Maximum | 128 |
| OSS name | netifIndex |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

IpMatch parameters

Description

Table 3-1427 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Destination IP

Table 3-1428 Destination IP

| Name | Value |
|----------------|-----------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Destination IP |
| OSS name | destinationIpAddress |
| Read-only | no |
| Tab Panel | General IP Properties |
| Type | INETADDR |

Destination Port

Table 3-1429 Destination Port

| Name | Value |
|----------------|-------------------------|
| Default | yes:NONE |
| Displayed name | Destination Port |
| OSS name | destinationOperator |
| Read-only | no |
| Tab Panel | General Port Properties |
| Type | acl.Operator |

Displayed Name
Table 3-1430 Displayed Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Displayed Name |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | displayedName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

DSCP**Table 3-1431 DSCP**

| Name | Value |
|----------------|--------------|
| Default | yes:default |
| Displayed name | DSCP |
| OSS name | dscp |
| Read-only | no |
| Tab Panel | General Dscp |
| Type | qos.DscpEnum |

Dst Mask**Table 3-1432 Dst Mask**

| Name | Value |
|----------------|--------------------------|
| Default | yes:ipAddrMask0 |
| Displayed name | Dst Mask |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | destinationIpAddressMask |
| Read-only | no |
| Tab Panel | General IP Properties |
| Type | acl.IpAddrMask |

Forwarding Class
Table 3-1433 Forwarding Class

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Forwarding Class |
| OSS name | forwardingClass |
| Read-only | no |
| Tab Panel | General General |
| Type | qos.FcEnumOrDefault |

Fragment**Table 3-1434 Fragment**

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:off |
| Displayed name | Fragment |
| OSS name | fragment |
| Read-only | no |
| Tab Panel | General IP Properties |
| Type | ItemMatch |
| Enumerated types: | |
| No | |
| None | |
| Yes | |

ID**Table 3-1435 ID**

| Name | Value |
|-----------------------|------------|
| Default | yes:0 |
| Displayed name | ID |
| Mandatory on creation | yes |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | id |

Table 3-1435 ID (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Port Dst**Table 3-1436 Port Dst**

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | Port Dst |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | destinationPort1 |
| Read-only | no |
| Tab Panel | General Port Properties |
| Type | INT |

Port Src**Table 3-1437 Port Src**

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | Port Src |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | sourcePort1 |
| Read-only | no |
| Tab Panel | General Port Properties |
| Type | INT |

Profile
Table 3-1438 Profile

| Name | Value |
|----------------|------------------|
| Default | yes:out |
| Displayed name | Profile |
| OSS name | defaultFcProfile |
| Read-only | no |
| Tab Panel | General General |
| Type | qos.Profile |

Protocol**Table 3-1439 Protocol**

| Name | Value |
|----------------|-----------------|
| Default | yes:ALL |
| Displayed name | Protocol |
| Maximum | 255 |
| Minimum | -1 |
| OSS name | protocol |
| Read-only | no |
| Tab Panel | General General |
| Type | acl.Protocol |

Source IP**Table 3-1440 Source IP**

| Name | Value |
|----------------|-----------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Source IP |
| OSS name | sourceIpAddress |
| Read-only | no |
| Tab Panel | General IP Properties |
| Type | INETADDR |

Source Port
Table 3-1441 Source Port

| Name | Value |
|----------------|-------------------------|
| Default | yes:NONE |
| Displayed name | Source Port |
| OSS name | sourceOperator |
| Read-only | no |
| Tab Panel | General Port Properties |
| Type | acl.Operator |

Src Mask**Table 3-1442 Src Mask**

| Name | Value |
|----------------|-----------------------|
| Default | yes:ipAddrMask0 |
| Displayed name | Src Mask |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | sourceIpAddressMask |
| Read-only | no |
| Tab Panel | General IP Properties |
| Type | acl.IpAddrMask |

To Port Dst**Table 3-1443 To Port Dst**

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | To Port Dst |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | destinationPort2 |
| Read-only | no |
| Tab Panel | General Port Properties |
| Type | INT |

To Port Src**Table 3-1444 To Port Src**

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | To Port Src |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | sourcePort2 |
| Read-only | no |
| Tab Panel | General Port Properties |
| Type | INT |

valueManager:destinationIp**Table 3-1445 valueManager:destinationIp**

| Name | Value |
|-------------|----------------------------|
| OSS name | valueManager:destinationIp |
| Read-only | no |
| Tab Panel | General IP Properties |

valueManager:destinationPort**Table 3-1446 valueManager:destinationPort**

| Name | Value |
|-------------|------------------------------|
| OSS name | valueManager:destinationPort |
| Read-only | no |
| Tab Panel | General Port Properties |

valueManager:dscp**Table 3-1447 valueManager:dscp**

| Name | Value |
|-------------|-------------------|
| OSS name | valueManager:dscp |
| Read-only | no |
| Tab Panel | General Dscp |

valueManager:fragment**Table 3-1448 valueManager:fragment**

| Name | Value |
|-------------|-----------------------|
| OSS name | valueManager:fragment |
| Read-only | no |
| Tab Panel | General IP Properties |

valueManager:sourceIp**Table 3-1449 valueManager:sourceIp**

| Name | Value |
|-------------|-----------------------|
| OSS name | valueManager:sourceIp |
| Read-only | no |
| Tab Panel | General IP Properties |

valueManager:sourcePort**Table 3-1450 valueManager:sourcePort**

| Name | Value |
|-------------|-------------------------|
| OSS name | valueManager:sourcePort |
| Read-only | no |
| Tab Panel | General Port Properties |

Ipv6Match parameters**Description****Table 3-1451 Description**

| Name | Value |
|----------------|-------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |

Table 3-1451 Description (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | STRING |

Destination IP**Table 3-1452 Destination IP**

| Name | Value |
|----------------|-----------------------|
| Default | yes:0:0:0:0:0:0:0 |
| Displayed name | Destination IP |
| OSS name | destinationIpAddress |
| Read-only | no |
| Tab Panel | General IP Properties |
| Type | INETADDR |

Destination Port**Table 3-1453 Destination Port**

| Name | Value |
|----------------|-------------------------|
| Default | yes:NONE |
| Displayed name | Destination Port |
| OSS name | destinationOperator |
| Read-only | no |
| Tab Panel | General Port Properties |
| Type | acl.Operator |

Displayed Name**Table 3-1454 Displayed Name**

| Name | Value |
|----------------|----------------|
| Default | yes: |
| Displayed name | Displayed Name |
| Maximum | 80 |
| Minimum | 0 |

Table 3-1454 Displayed Name (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | displayedName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

DSCP**Table 3-1455 DSCP**

| Name | Value |
|----------------|--------------|
| Default | yes:default |
| Displayed name | DSCP |
| OSS name | dscp |
| Read-only | no |
| Tab Panel | General Dscp |
| Type | qos.DscpEnum |

Dst Mask**Table 3-1456 Dst Mask**

| Name | Value |
|----------------|--------------------------|
| Default | yes:0 |
| Displayed name | Dst Mask |
| Maximum | 128 |
| Minimum | 0 |
| OSS name | destinationIpAddressMask |
| Read-only | no |
| Tab Panel | General IP Properties |
| Type | INT |

Forwarding Class
Table 3-1457 Forwarding Class

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Forwarding Class |
| OSS name | forwardingClass |
| Read-only | no |
| Tab Panel | General General |
| Type | qos.FcEnumOrDefault |

ID**Table 3-1458 ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | ID |
| Mandatory on creation | yes |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Port Dst**Table 3-1459 Port Dst**

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | Port Dst |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | destinationPort1 |
| Read-only | no |
| Tab Panel | General Port Properties |

Table 3-1459 Port Dst (continued)

| Name | Value |
|------|-------|
| Type | INT |

Port Src**Table 3-1460 Port Src**

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | Port Src |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | sourcePort1 |
| Read-only | no |
| Tab Panel | General Port Properties |
| Type | INT |

Profile**Table 3-1461 Profile**

| Name | Value |
|----------------|------------------|
| Default | yes:out |
| Displayed name | Profile |
| OSS name | defaultFcProfile |
| Read-only | no |
| Tab Panel | General General |
| Type | qos.Profile |

Protocol**Table 3-1462 Protocol**

| Name | Value |
|----------------|----------|
| Default | yes:ALL |
| Displayed name | Protocol |
| Maximum | 255 |

Table 3-1462 Protocol (continued)

| Name | Value |
|-------------|-----------------|
| Minimum | -1 |
| OSS name | protocol |
| Read-only | no |
| Tab Panel | General General |
| Type | acl.Protocol |

Source IP**Table 3-1463 Source IP**

| Name | Value |
|----------------|-----------------------|
| Default | yes:0:0:0:0:0:0:0 |
| Displayed name | Source IP |
| OSS name | sourceIpAddress |
| Read-only | no |
| Tab Panel | General IP Properties |
| Type | INETADDR |

Source Port**Table 3-1464 Source Port**

| Name | Value |
|----------------|-------------------------|
| Default | yes:NONE |
| Displayed name | Source Port |
| OSS name | sourceOperator |
| Read-only | no |
| Tab Panel | General Port Properties |
| Type | acl.Operator |

Src Mask**Table 3-1465 Src Mask**

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 3-1465 Src Mask (continued)

| Name | Value |
|----------------|-----------------------|
| Displayed name | Src Mask |
| Maximum | 128 |
| Minimum | 0 |
| OSS name | sourceIpAddressMask |
| Read-only | no |
| Tab Panel | General IP Properties |
| Type | INT |

To Port Dst**Table 3-1466 To Port Dst**

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | To Port Dst |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | destinationPort2 |
| Read-only | no |
| Tab Panel | General Port Properties |
| Type | INT |

To Port Src**Table 3-1467 To Port Src**

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | To Port Src |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | sourcePort2 |
| Read-only | no |
| Tab Panel | General Port Properties |
| Type | INT |

valueManager:destinationIp**Table 3-1468 valueManager:destinationIp**

| Name | Value |
|-------------|----------------------------|
| OSS name | valueManager:destinationIp |
| Read-only | no |
| Tab Panel | General IP Properties |

valueManager:destinationPort**Table 3-1469 valueManager:destinationPort**

| Name | Value |
|-------------|------------------------------|
| OSS name | valueManager:destinationPort |
| Read-only | no |
| Tab Panel | General Port Properties |

valueManager:dscp**Table 3-1470 valueManager:dscp**

| Name | Value |
|-------------|-------------------|
| OSS name | valueManager:dscp |
| Read-only | no |
| Tab Panel | General Dscp |

valueManager:sourceIp**Table 3-1471 valueManager:sourceIp**

| Name | Value |
|-------------|-----------------------|
| OSS name | valueManager:sourceIp |
| Read-only | no |
| Tab Panel | General IP Properties |

valueManager:sourcePort**Table 3-1472 valueManager:sourcePort**

| Name | Value |
|-------------|-------------------------|
| OSS name | valueManager:sourcePort |
| Read-only | no |
| Tab Panel | General Port Properties |

L2 Access Interface FIB parameters**Aging Enabled****Table 3-1473 Aging Enabled**

| Name | Value |
|----------------|--------------------|
| Default | yes:true |
| Displayed name | Aging Enabled |
| OSS name | agingEnabled |
| Read-only | no |
| Tab Panel | General Properties |
| Type | generic.TruthValue |

Auto Learn MAC Protect**Table 3-1474 Auto Learn MAC Protect**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether to enable automatic population of the MAC protect list with source MAC addresses learned on the associated SAP |
| Displayed name | Auto Learn MAC Protect |
| OSS name | autoLearnMacProtect |
| Read-only | no |
| Tab Panel | General Properties |
| Type | generic.TruthValue |

Discard Unknown Source

Table 3-1475 Discard Unknown Source

| Name | Value |
|----------------|------------------------|
| Default | yes:false |
| Displayed name | Discard Unknown Source |
| OSS name | discardUnknownSource |
| Read-only | no |
| Tab Panel | General Properties |
| Type | generic.TruthValue |

Entries

Table 3-1476 Entries

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Entries |
| OSS name | entries |
| Read-only | no |
| Tab Panel | General Properties |
| Type | LONG |

Inner Encap Value

Table 3-1477 Inner Encap Value

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Inner Encap Value |
| OSS name | innerEncapValue |
| Read-only | yes |
| Tab Panel | General Port |
| Type | LONG |

Learning Enabled
Table 3-1478 Learning Enabled

| Name | Value |
|----------------|--------------------|
| Default | yes:true |
| Displayed name | Learning Enabled |
| OSS name | learningEnabled |
| Read-only | no |
| Tab Panel | General Properties |
| Type | generic.TruthValue |

Limit MAC Move**Table 3-1479 Limit MAC Move**

| Name | Value |
|--------------------------|--------------------|
| Default | yes:blockable |
| Displayed name | Limit MAC Move |
| OSS name | limitMacMove |
| Read-only | no |
| Tab Panel | General Properties |
| Type | LimitMacMove |
| Enumerated types: | |
| Blockable | |
| Non-Blockable | |

Limit MAC Move Level**Table 3-1480 Limit MAC Move Level**

| Name | Value |
|----------------|---|
| Default | yes:tertiary |
| Description | The value specifies the hierarchy in which SAPs are blocked when a MAC-move limit is exceeded. When a MAC is moving among multiple SAPs or spoke-SDPs, the SAP bind or spoke-SDP bind with the lower level is blocked first. (tertiary is the lowest) |
| Displayed name | Limit MAC Move Level |
| OSS name | limitMacMoveLevel |
| Read-only | no |

Table 3-1480 Limit MAC Move Level (continued)

| Name | Value |
|--------------------------|--------------------|
| Tab Panel | General Properties |
| Type | MacMoveLevel |
| Enumerated types: | |
| Primary | |
| Secondary | |
| Tertiary | |

MAC Address**Table 3-1481 MAC Address**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | MAC Address |
| OSS name | macMoveMacAddress |
| Read-only | no |
| Tab Panel | General Properties |
| Type | MACADDR |

MAC Move Left after Max. Rate Exceeded**Table 3-1482 MAC Move Left after Max. Rate Exceeded**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Displayed name | MAC Move Left after Max. Rate Exceeded |
| OSS name | macMoveRateExcdLeft |
| Read-only | no |
| Tab Panel | General Properties |
| Type | INT |

MAC Move Time before Next Auto Up
Table 3-1483 MAC Move Time before Next Auto Up

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Time in seconds until a SAP that has been brought down due to exceeding the macMoveFrequency on the service site, sapOperFlags 'relearnLimitExceeded', is automatically brought up again. When this value is 0xffff, the SAP will never be automatically brought up. When the value is zero the SAP is 'up'. |
| Displayed name | MAC Move Time before Next Auto Up |
| OSS name | macMoveNextUpTime |
| Read-only | no |
| Tab Panel | General Properties |
| Type | LONG |
| Units | seconds |

Maximum Entries**Table 3-1484 Maximum Entries**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Maximum Entries |
| Maximum | 131071 |
| Minimum | 0 |
| OSS name | maxEntries |
| Read-only | no |
| Tab Panel | General Properties |
| Type | LONG |

Outer Encap Value**Table 3-1485 Outer Encap Value**

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Outer Encap Value |
| OSS name | outerEncapValue |
| Read-only | yes |

Table 3-1485 Outer Encap Value (continued)

| Name | Value |
|-------------|--------------|
| Tab Panel | General Port |
| Type | LONG |

Port**Table 3-1486 Port**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Port |
| Maximum | 252 |
| OSS name | portName |
| Read-only | yes |
| Tab Panel | General Port |
| Type | STRING |

Port ID**Table 3-1487 Port ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0 |
| Displayed name | Port ID |
| OSS name | portId |
| Read-only | yes |
| Tab Panel | General Port |
| Type | LONG |

Restrict Protected Source**Table 3-1488 Restrict Protected Source**

| Name | Value |
|----------------|---------------------------|
| Default | yes:false |
| Displayed name | Restrict Protected Source |
| OSS name | restrictProtectedSource |

Table 3-1488 Restrict Protected Source (continued)

| Name | Value |
|-------------|--------------------|
| Read-only | no |
| Tab Panel | General Properties |
| Type | generic.TruthValue |

Restrict Protected Source Action**Table 3-1489 Restrict Protected Source Action**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:disable |
| Displayed name | Restrict Protected Source Action |
| OSS name | restrictProtectedSourceAction |
| Read-only | no |
| Tab Panel | General Properties |
| Type | service.RestrictProtectedSourceAction |

Restrict Unprotected Destination**Table 3-1490 Restrict Unprotected Destination**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:false |
| Displayed name | Restrict Unprotected Destination |
| OSS name | restrictUnprotectedDestination |
| Read-only | no |
| Tab Panel | General Properties |
| Type | generic.TruthValue |

Service ID**Table 3-1491 Service ID**

| Name | Value |
|----------------|------------|
| Default | yes:0 |
| Displayed name | Service ID |
| OSS name | serviceId |

Table 3-1491 Service ID (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | yes |
| Tab Panel | General Service |
| Type | LONG |

Service Name**Table 3-1492 Service Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Service Name |
| Maximum | 64 |
| OSS name | serviceName |
| Read-only | yes |
| Tab Panel | General Service |
| Type | STRING |

Site ID**Table 3-1493 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-1494 Site Name**

| Name | Value |
|---------|-------------|
| Default | yes:0.0.0.0 |

Table 3-1494 Site Name (continued)

| Name | Value |
|----------------|--------------|
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Static Entries**Table 3-1495 Static Entries**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Static Entries |
| OSS name | staticEntries |
| Read-only | no |
| Tab Panel | General Properties |
| Type | LONG |

Subscriber ID**Table 3-1496 Subscriber ID**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Subscriber ID |
| OSS name | subscriberId |
| Read-only | yes |
| Tab Panel | General Subscriber |
| Type | LONG |

Subscriber Name
Table 3-1497 Subscriber Name

| Name | Value |
|----------------|--------------------|
| Default | yes: |
| Displayed name | Subscriber Name |
| Maximum | 32 |
| OSS name | subscriberName |
| Read-only | yes |
| Tab Panel | General Subscriber |
| Type | STRING |

L2 Access Interface parameters

Accounting Policy**Table 3-1498 Accounting Policy**

| Name | Value |
|----------------|-------------------------------|
| Default | yes: |
| Displayed name | Accounting Policy |
| OSS name | accountingPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Accounting General |
| Type | POINTER |

Active State**Table 3-1499 Active State**

| Name | Value |
|----------------|--|
| Default | yes:active |
| Description | In redundant mode specifies whether the SAP is active or inactive. |
| Displayed name | Active State |
| OSS name | txActiveState |
| Read-only | yes |
| Tab Panel | General Redundancy |

Table 3-1499 Active State (continued)

| Name | Value |
|------|-----------------------|
| Type | service.TxActiveState |

Actual Maximum Frame Size**Table 3-1500 Actual Maximum Frame Size**

| Name | Value |
|----------------|---------------------------|
| Default | yes:1500 |
| Displayed name | Actual Maximum Frame Size |
| OSS name | actualMtu |
| Read-only | yes |
| Tab Panel | Port General |
| Type | INT |
| Units | bytes |

Administrative State**Table 3-1501 Administrative State**

| Name | Value |
|----------------|----------------------|
| Default | yes:unspecified |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | AdministrativeState |

Aggregate CIR**Table 3-1502 Aggregate CIR**

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Description | Specifies the CIR of all egress queues for this SAP. This cannot be modified from its default value on a SAP with egress scheduler mode being four-priority. |
| Displayed name | Aggregate CIR |

Table 3-1502 Aggregate CIR (continued)

| Name | Value |
|-------------|--|
| Maximum | 10000000 |
| Minimum | -1 |
| OSS name | egressAggCIR |
| Read-only | no |
| Tab Panel | Schedulers Egress Aggregate Rate Limit |
| Type | INT |
| Units | kbps |

Aggregate CIR**Table 3-1503 Aggregate CIR**

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Description | Specifies the CIR of all ingress queues for this SAP. This cannot be modified from its default value on a SAP with ingress scheduler mode being four-priority. |
| Displayed name | Aggregate CIR |
| Maximum | 10000000 |
| Minimum | -1 |
| OSS name | ingressAggCIR |
| Read-only | no |
| Tab Panel | Schedulers Ingress Aggregate Rate Limit |
| Type | INT |
| Units | kbps |

Aggregate Rate Limit**Table 3-1504 Aggregate Rate Limit**

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Description | Specifies the maximum total rate of all egress queues for this AccessInterface. The value -1 means that there is no limit. |
| Displayed name | Aggregate Rate Limit |
| Maximum | 100000000 |
| Minimum | -1 |

Table 3-1504 Aggregate Rate Limit (continued)

| Name | Value |
|-------------|--|
| OSS name | egressAggRateLimit |
| Read-only | no |
| Tab Panel | Schedulers Egress Aggregate Rate Limit |
| Type | LONG |
| Units | kbps |

Aggregate Rate Limit**Table 3-1505 Aggregate Rate Limit**

| Name | Value |
|----------------|---|
| Default | yes:-1 |
| Description | Specifies the maximum total rate of all ingress queues for this SAP. The value '-1' means that there is no limit. |
| Displayed name | Aggregate Rate Limit |
| Maximum | 100000000 |
| Minimum | -1 |
| OSS name | ingressAggRateLimit |
| Read-only | no |
| Tab Panel | Schedulers Ingress Aggregate Rate Limit |
| Type | INT |
| Units | kbps |

Aggregate Shaper CIR Rate**Table 3-1506 Aggregate Shaper CIR Rate**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Aggregate Shaper CIR Rate |
| Maximum | 20000000 |
| Minimum | -1 |
| OSS name | sapIngressAggregateShaperRateCIR |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |

Table 3-1506 Aggregate Shaper CIR Rate (continued)

| Name | Value |
|-------|-------|
| Type | INT |
| Units | kbps |

Aggregate Shaper PIR Rate**Table 3-1507 Aggregate Shaper PIR Rate**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:-1 |
| Displayed name | Aggregate Shaper PIR Rate |
| Maximum | 20000000 |
| Minimum | -1 |
| OSS name | sapIngressAggregateShaperRatePIR |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |
| Type | INT |
| Units | kbps |

Aggregation**Table 3-1508 Aggregation**

| Name | Value |
|----------------|--------------------|
| Default | yes:off |
| Displayed name | Aggregation |
| OSS name | aggregation |
| Read-only | no |
| Tab Panel | Schedulers General |
| Type | INT |

Aggregation Scheduler**Table 3-1509 Aggregation Scheduler**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-1509 Aggregation Scheduler (continued)

| Name | Value |
|----------------|-----------------------------------|
| Displayed name | Aggregation Scheduler |
| OSS name | aggregationSchedulerObjectPointer |
| Read-only | no |
| Tab Panel | Schedulers Aggregation Scheduler |
| Type | POINTER |

Assign Aggregate CIR**Table 3-1510 Assign Aggregate CIR**

| Name | Value |
|----------------|--|
| Displayed name | Assign Aggregate CIR |
| OSS name | valueManager:egressAggCIR |
| Read-only | no |
| Tab Panel | Schedulers Egress Aggregate Rate Limit |

Assign Aggregate CIR**Table 3-1511 Assign Aggregate CIR**

| Name | Value |
|----------------|---|
| Displayed name | Assign Aggregate CIR |
| OSS name | valueManager:ingressAggCIR |
| Read-only | no |
| Tab Panel | Schedulers Ingress Aggregate Rate Limit |

Assign Aggregate Rate Limit**Table 3-1512 Assign Aggregate Rate Limit**

| Name | Value |
|----------------|--|
| Displayed name | Assign Aggregate Rate Limit |
| OSS name | valueManager:egressAggRateLimit |
| Read-only | no |
| Tab Panel | Schedulers Egress Aggregate Rate Limit |

Assign Aggregate Rate Limit**Table 3-1513 Assign Aggregate Rate Limit**

| Name | Value |
|----------------|---|
| Displayed name | Assign Aggregate Rate Limit |
| OSS name | valueManager:ingressAggRateLimit |
| Read-only | no |
| Tab Panel | Schedulers Ingress Aggregate Rate Limit |

Collect Accounting Statistics**Table 3-1514 Collect Accounting Statistics**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:true |
| Displayed name | Collect Accounting Statistics |
| OSS name | accountingOn |
| Read-only | no |
| Tab Panel | Accounting General |
| Type | BOOL |

Customer ID**Table 3-1515 Customer ID**

| Name | Value |
|----------------|------------------|
| Default | yes:1 |
| Displayed name | Customer ID |
| OSS name | subscriberId |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | LONG |

Customer Name**Table 3-1516 Customer Name**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-1516 Customer Name (continued)

| Name | Value |
|----------------|------------------|
| Displayed name | Customer Name |
| Maximum | 32 |
| OSS name | subscriberName |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | STRING |

Description

Table 3-1517 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Destination MAC Address

Table 3-1518 Destination MAC Address

| Name | Value |
|----------------|--|
| Default | yes:00-00-00-00-00-00 |
| Description | Specifies the MAC address to be used for the Destination MAC Address field in the mirrored packets when using IP mirror service. Applies only when encapsulationType is set to IP-Only and is local mirroring. |
| Displayed name | Destination MAC Address |
| OSS name | ipMirrorDestinationMacAddress |
| Read-only | no |
| Tab Panel | IP Mirror MAC Addresses Egress |
| Type | MACADDR |

Displayed Name
Table 3-1519 Displayed Name

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | HSMDA Egress Secondary Shaper applicable to this service |
| Displayed name | Displayed Name |
| OSS name | hsmdaEgrSecondaryShaper |
| Read-only | no |
| Tab Panel | QoS Egress HSMDA Override Secondary Shaper |
| Type | STRING |

Egress Aggregate Rate Limit CIR**Table 3-1520 Egress Aggregate Rate Limit CIR**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies Aggregate Rate Limit CIR value on this site. |
| Displayed name | Egress Aggregate Rate Limit CIR |
| Maximum | 10000000 |
| Minimum | 0 |
| OSS name | egressAggRateLimitCIR |
| Read-only | no |
| Tab Panel | Schedulers Egress Aggregate Rate Limit CIR PIR |
| Type | INT |
| Units | kbps |

Egress Aggregate Rate Limit PIR**Table 3-1521 Egress Aggregate Rate Limit PIR**

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Description | Specifies Aggregate Rate Limit PIR value on this site. |
| Displayed name | Egress Aggregate Rate Limit PIR |
| Maximum | 10000000 |
| Minimum | -1 |

Table 3-1521 Egress Aggregate Rate Limit PIR (continued)

| Name | Value |
|-------------|--|
| OSS name | egressAggRateLimitPIR |
| Read-only | no |
| Tab Panel | Schedulers Egress Aggregate Rate Limit CIR PIR |
| Type | INT |
| Units | kbps |

Egress Aggregate Shaper Rate**Table 3-1522 Egress Aggregate Shaper Rate**

| Name | Value |
|----------------|------------------------------|
| Default | yes:-1 |
| Displayed name | Egress Aggregate Shaper Rate |
| Maximum | 1000000 |
| Minimum | -1 |
| OSS name | sapEgressAggregateShaperRate |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |
| Type | INT |
| Units | kbps |

Egress Filter**Table 3-1523 Egress Filter**

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Egress Filter |
| OSS name | egressFilterPointer |
| Read-only | no |
| Tab Panel | ACL IP Filter |
| Type | POINTER |

Egress Mark QinQ Top Bits Only**Table 3-1524 Egress Mark QinQ Top Bits Only**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This property only applies to ports with an encapsulation type of QinQ and specifies whether only top bits should be marked (true), or both top and bottom bits should be marked (false). |
| Displayed name | Egress Mark QinQ Top Bits Only |
| OSS name | egressQinqMarkTopBitsOnly |
| Read-only | no |
| Tab Panel | QoS General |
| Type | BOOL |

Egress Policy**Table 3-1525 Egress Policy**

| Name | Value |
|----------------|---------------------------|
| Default | yes:Access Egress:1 |
| Displayed name | Egress Policy |
| OSS name | egressPolicyObjectPointer |
| Read-only | no |
| Tab Panel | QoS General |
| Type | POINTER |

Egress Queue Group Template Policy**Table 3-1526 Egress Queue Group Template Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the egress access port queue-group policy pointer for this SAP. |
| Displayed name | Egress Queue Group Template Policy |
| OSS name | egressPortQueueGroupPointer |
| Read-only | no |
| Tab Panel | QoS General Port Redirect |
| Type | POINTER |

Egress Scheduler

Table 3-1527 Egress Scheduler

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Egress Scheduler |
| OSS name | egressSchedulerObjectPointer |
| Read-only | no |
| Tab Panel | Schedulers Egress Scheduler |
| Type | POINTER |

Enable Aggregate Rate Limit

Table 3-1528 Enable Aggregate Rate Limit

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether Aggregate Rate Limit is enabled on this site. |
| Displayed name | Enable Aggregate Rate Limit |
| OSS name | egressAggRateLimitEnabled |
| Read-only | no |
| Tab Panel | Schedulers Egress Aggregate Rate Limit CIR PIR |
| Type | BOOL |

Enable Egress Forwarding

Table 3-1529 Enable Egress Forwarding

| Name | Value |
|----------------|--------------------------|
| Default | yes:false |
| Displayed name | Enable Egress Forwarding |
| OSS name | sapEgressStatsEnable |
| Read-only | no |
| Tab Panel | Accounting 7210 Specific |
| Type | BOOL |

Enable Egress Packets Forwarding**Table 3-1530 Enable Egress Packets Forwarding**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:false |
| Displayed name | Enable Egress Packets Forwarding |
| OSS name | sapEgressStatsPktsMode |
| Read-only | no |
| Tab Panel | Accounting 7210 Specific |
| Type | BOOL |

Enable Ingress Forwarding**Table 3-1531 Enable Ingress Forwarding**

| Name | Value |
|----------------|---------------------------|
| Default | yes:false |
| Displayed name | Enable Ingress Forwarding |
| OSS name | sapIngressStatsEnable |
| Read-only | no |
| Tab Panel | Accounting 7210 Specific |
| Type | BOOL |

Enable Port Redundancy**Table 3-1532 Enable Port Redundancy**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates whether to enable the backup port configuration for manual switching. Currently it is only applicable to Epipe and Cpipe on 7x50/7710/7705 node. |
| Displayed name | Enable Port Redundancy |
| OSS name | enablePortRedundancy |
| Read-only | no |
| Tab Panel | Port Port Redundancy |
| Type | BOOL |

Encapsulation Type

Table 3-1533 Encapsulation Type

| Name | Value |
|----------------|-------------------------|
| Default | yes:unspecified |
| Displayed name | Encapsulation Type |
| OSS name | encapType |
| Read-only | no |
| Tab Panel | Port General |
| Type | equipment.PortEncapType |

Endpoint

Table 3-1534 Endpoint

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The name of the endpoint which this SAP is associated to. |
| Displayed name | Endpoint |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | endpointName |
| Read-only | no |
| Tab Panel | General Redundancy |
| Type | STRING |

Ethernet CFM Monitor Flags

Table 3-1535 Ethernet CFM Monitor Flags

| Name | Value |
|----------------|----------------------------|
| Default | yes:0 |
| Displayed name | Ethernet CFM Monitor Flags |
| OSS name | cpmProtEthCfmMonitorFlags |
| Read-only | no |
| Tab Panel | Security General |
| Type | EthCfmMonitorFlagsType |

Frame-Based Accounting
Table 3-1536 Frame-Based Accounting

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Frame-Based Accounting |
| OSS name | egressFrameBaseAccounting |
| Read-only | no |
| Tab Panel | Schedulers Egress Aggregate Rate Limit |
| Type | BOOL |

Ingress Aggregate Shaper Rate**Table 3-1537 Ingress Aggregate Shaper Rate**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:-1 |
| Displayed name | Ingress Aggregate Shaper Rate |
| Maximum | 3000000 |
| Minimum | -1 |
| OSS name | sapIngressAggregateShaperRate |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |
| Type | INT |
| Units | kbps |

Ingress Counter Mode**Table 3-1538 Ingress Counter Mode**

| Name | Value |
|----------------|--------------------------|
| Default | yes:packet |
| Displayed name | Ingress Counter Mode |
| OSS name | sapIngressCounterMode |
| Read-only | no |
| Tab Panel | Accounting 7210 Specific |
| Type | SapIngressCounterMode |

Ingress Counter Type

Table 3-1539 Ingress Counter Type

| Name | Value |
|----------------|--------------------------|
| Default | yes:inOutProfileCount |
| Displayed name | Ingress Counter Type |
| OSS name | sapIngressCounterType |
| Read-only | no |
| Tab Panel | Accounting 7210 Specific |
| Type | SapIngressCounterType |

Ingress Filter

Table 3-1540 Ingress Filter

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | Ingress Filter |
| OSS name | ingressFilterPointer |
| Read-only | no |
| Tab Panel | ACL IP Filter |
| Type | POINTER |

Ingress Match QinQ Dot1P

Table 3-1541 Ingress Match QinQ Dot1P

| Name | Value |
|----------------|----------------------------|
| Default | yes:none |
| Displayed name | Ingress Match QinQ Dot1P |
| OSS name | ingressMatchQinqDot1pBits |
| Read-only | no |
| Tab Panel | QoS General |
| Type | rtr.MatchQinqDot1pBitsType |

Ingress Meter
Table 3-1542 Ingress Meter

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Displayed name | Ingress Meter |
| OSS name | sapIngressWithAggregateMeter |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |
| Type | generic.TruthValue |

Ingress Meter Burst**Table 3-1543 Ingress Meter Burst**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:-1 |
| Displayed name | Ingress Meter Burst |
| Maximum | 2146959 |
| Minimum | -1 |
| OSS name | sapIngressAggregateMeterBurst |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |
| Type | INT |

Ingress Meter Rate**Table 3-1544 Ingress Meter Rate**

| Name | Value |
|----------------|------------------------------|
| Default | yes:0 |
| Displayed name | Ingress Meter Rate |
| Maximum | 20000000 |
| Minimum | -1 |
| OSS name | sapIngressAggregateMeterRate |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |
| Type | INT |

Table 3-1544 Ingress Meter Rate (continued)

| Name | Value |
|-------|-------|
| Units | kbps |

Ingress Policy

Table 3-1545 Ingress Policy

| Name | Value |
|----------------|--|
| Default | yes:Access Ingress:1 |
| Description | Specifies the SAP-Ingress QoS for the SAP. For L3 when changing the port the SAP will retain the originalSAP-Ingress QoS selected unless explicitly changed. |
| Displayed name | Ingress Policy |
| OSS name | ingressPolicyObjectPointer |
| Read-only | no |
| Tab Panel | QoS General |
| Type | POINTER |

Ingress Queue Group Template Policy

Table 3-1546 Ingress Queue Group Template Policy

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the forwarding-plane queue group instance for this SAP. For L3 when changing the port the SAP will retain the original forwarding-plane queue group instance selected unless explicitly changed. |
| Displayed name | Ingress Queue Group Template Policy |
| OSS name | ingressQueueGroupName |
| Read-only | no |
| Tab Panel | QoS General Forwarding Plane Redirect |
| Type | STRING |

Ingress Scheduler

Table 3-1547 Ingress Scheduler

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-1547 Ingress Scheduler (continued)

| Name | Value |
|----------------|-------------------------------|
| Displayed name | Ingress Scheduler |
| OSS name | ingressSchedulerObjectPointer |
| Read-only | no |
| Tab Panel | Schedulers Ingress Scheduler |
| Type | POINTER |

Inner Encapsulation Value

Table 3-1548 Inner Encapsulation Value

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Provisioned inner encap value. This value is propagated into: terminatedPortInnerEncapValue. |
| Displayed name | Inner Encapsulation Value |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | innerEncapValue |
| Read-only | no |
| Tab Panel | Port General |
| Type | INT |

Instance ID

Table 3-1549 Instance ID

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the instance id of the forwarding-plane queue group instance for this SAP. For L3 when changing the port the SAP will retain the original instance id selected unless explicitly changed. |
| Displayed name | Instance ID |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | ingressInstanceId |
| Read-only | no |

Table 3-1549 Instance ID (continued)

| Name | Value |
|-------------|---------------------------------------|
| Tab Panel | QoS General Forwarding Plane Redirect |
| Type | LONG |

IPv6 Egress Filter**Table 3-1550 IPv6 Egress Filter**

| Name | Value |
|----------------|-------------------------|
| Default | yes: |
| Displayed name | IPv6 Egress Filter |
| OSS name | egressIpv6FilterPointer |
| Read-only | no |
| Tab Panel | ACL IPv6 Filter |
| Type | POINTER |

IPv6 Ingress Filter**Table 3-1551 IPv6 Ingress Filter**

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | IPv6 Ingress Filter |
| OSS name | ingressIpv6FilterPointer |
| Read-only | no |
| Tab Panel | ACL IPv6 Filter |
| Type | POINTER |

Limit Unused Bandwidth**Table 3-1552 Limit Unused Bandwidth**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether to limit the unused bandwidth and allow a tighter control in allocation of bandwidth by HQos. |
| Displayed name | Limit Unused Bandwidth |

Table 3-1552 Limit Unused Bandwidth (continued)

| Name | Value |
|-------------|--|
| OSS name | egressAggRateLUB |
| Read-only | no |
| Tab Panel | Schedulers Egress Aggregate Rate Limit |
| Type | BOOL |

MAC Monitoring**Table 3-1553 MAC Monitoring**

| Name | Value |
|----------------|------------------|
| Default | yes:false |
| Displayed name | MAC Monitoring |
| OSS name | macMonitoring |
| Read-only | no |
| Tab Panel | Security General |
| Type | BOOL |

Manual Switch Backup State**Table 3-1554 Manual Switch Backup State**

| Name | Value |
|----------------|---|
| Default | yes:none |
| Description | Indicates the redundant state of this L2 Access Interface for manual switching. |
| Displayed name | Manual Switch Backup State |
| OSS name | redundantSwitchState |
| Read-only | yes |
| Tab Panel | Port Port Redundancy |
| Type | ManualSwitchBackupState |

MAX**Table 3-1555 MAX**

| Name | Value |
|----------------|-------|
| Displayed name | MAX |

Table 3-1555 MAX (continued)

| Name | Value |
|-------------|---|
| OSS name | valueManager:sapEgressAggregateShaperRate |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |

MAX**Table 3-1556 MAX**

| Name | Value |
|----------------|---|
| Displayed name | MAX |
| OSS name | valueManager:sapIngressAggregateShaperRateCIR |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |

MAX**Table 3-1557 MAX**

| Name | Value |
|----------------|---|
| Displayed name | MAX |
| OSS name | valueManager:sapIngressAggregateShaperRatePIR |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |

MAX**Table 3-1558 MAX**

| Name | Value |
|----------------|--|
| Displayed name | MAX |
| OSS name | valueManager:sapIngressAggregateShaperRate |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |

Maximum Frame Size Mismatch**Table 3-1559 Maximum Frame Size Mismatch**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value is set to 'true' when the provisioned MTU value is greater than the actual MTU value (provisionedMtu > actualMtu). |
| Displayed name | Maximum Frame Size Mismatch |
| OSS name | mtuMismatch |
| Read-only | yes |
| Tab Panel | Port General |
| Type | BOOL |

Name**Table 3-1560 Name**

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Mandatory on creation | yes |
| Maximum | 40 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

NE DDoS Protection Policy**Table 3-1561 NE DDoS Protection Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer specifies the DDoS Protection Policy that's applicable to this interface. |
| Displayed name | NE DDoS Protection Policy |
| OSS name | dCpuProtectionPolicyPointer |
| Read-only | no |

Table 3-1561 NE DDoS Protection Policy (continued)

| Name | Value |
|-------------|------------------|
| Tab Panel | Security General |
| Type | POINTER |

NE DoS Protection**Table 3-1562 NE DoS Protection**

| Name | Value |
|----------------|--|
| Default | yes:NE DoS Protection:254 |
| Description | Pointer specifies the DoS Protection Policy that's applicable to this interface. |
| Displayed name | NE DoS Protection |
| OSS name | dosProtection |
| Read-only | no |
| Tab Panel | Security General |
| Type | POINTER |

Operational State**Table 3-1563 Operational State**

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General General |
| Type | OperationalState |

Outer Encapsulation Value**Table 3-1564 Outer Encapsulation Value**

| Name | Value |
|-------------|--|
| Default | yes:0 |
| Description | Provisioned outer encap value. This value is propagated into: terminatedPortOuterEncapValue. |

Table 3-1564 Outer Encapsulation Value (continued)

| Name | Value |
|----------------|---------------------------|
| Displayed name | Outer Encapsulation Value |
| Maximum | 4095 |
| Minimum | 0 |
| OSS name | outerEncapValue |
| Read-only | no |
| Tab Panel | Port General |
| Type | INT |

Override**Table 3-1565 Override**

| Name | Value |
|----------------|--|
| Displayed name | Override |
| OSS name | valueManager:hsmdaEgrQosPackByteOffOvr |
| Read-only | no |
| Tab Panel | QoS Egress HSM DA Override |

Packet Byte Offset (bytes)**Table 3-1566 Packet Byte Offset (bytes)**

| Name | Value |
|----------------|--|
| Default | yes:-128 |
| Description | Specifies the Packet Byte Offset of an hsmda egress policy for this service. The value -128 means that there is no override. |
| Displayed name | Packet Byte Offset (bytes) |
| Maximum | 31 |
| Minimum | -128 |
| OSS name | hsmdaEgrQosPackByteOffOvr |
| Read-only | no |
| Tab Panel | QoS Egress HSM DA Override |
| Type | INT |

Policer Control Policy

Table 3-1567 Policer Control Policy

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Hierarchical Policing Policy applicable to this service |
| Displayed name | Policer Control Policy |
| OSS name | egressPolicerPolicyPointer |
| Read-only | no |
| Tab Panel | Schedulers Egress Policer Control Policy |
| Type | POINTER |

Policer Control Policy

Table 3-1568 Policer Control Policy

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Hierarchical Policing Policy applicable to this service |
| Displayed name | Policer Control Policy |
| OSS name | ingressPolicerPolicyPointer |
| Read-only | no |
| Tab Panel | Schedulers Ingress Policer Control Policy |
| Type | POINTER |

Port Description

Table 3-1569 Port Description

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Port Description |
| Maximum | 256 |
| Minimum | 0 |
| OSS name | portDescription |
| Read-only | yes |
| Tab Panel | Port General |
| Type | STRING |

Port ID**Table 3-1570 Port ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0 |
| Displayed name | Port ID |
| Maximum | 4294967296 |
| Minimum | 0 |
| OSS name | portId |
| Read-only | yes |
| Tab Panel | Port General |
| Type | LONG |

Port Name**Table 3-1571 Port Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Port Name |
| Maximum | 252 |
| OSS name | portName |
| Read-only | yes |
| Tab Panel | Port General |
| Type | STRING |

Provisioned Maximum Frame Size**Table 3-1572 Provisioned Maximum Frame Size**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:1500 |
| Displayed name | Provisioned Maximum Frame Size |
| OSS name | provisionedMtu |
| Read-only | yes |
| Tab Panel | Port General |
| Type | INT |
| Units | bytes |

SAS Egress Policy

Table 3-1573 SAS Egress Policy

| Name | Value |
|----------------|------------------------------|
| Default | yes:sasAccessEgress:1 |
| Displayed name | SAS Egress Policy |
| OSS name | sasEgressPolicyObjectPointer |
| Read-only | no |
| Tab Panel | QoS 7210 Specific |
| Type | POINTER |

SAS Ingress Policy

Table 3-1574 SAS Ingress Policy

| Name | Value |
|----------------|-------------------------------|
| Default | yes:sasAccessIngress:1 |
| Displayed name | SAS Ingress Policy |
| OSS name | sasIngressPolicyObjectPointer |
| Read-only | no |
| Tab Panel | QoS 7210 Specific |
| Type | POINTER |

Scheduler Mode

Table 3-1575 Scheduler Mode

| Name | Value |
|----------------|--|
| Default | yes:fourPriority |
| Description | Specifies the mode that the egress scheduler is provisioned for this SAP to operate in. All MDAs can support four-priority mode, but not all MDAs can support sixteen-priority mode. |
| Displayed name | Scheduler Mode |
| OSS name | egressSchedulerMode |
| Read-only | no |
| Tab Panel | Schedulers Egress Scheduler |
| Type | SchedulerMode |

Scheduler Mode
Table 3-1576 Scheduler Mode

| Name | Value |
|----------------|---|
| Default | yes:fourPriority |
| Description | Specifies the mode that the ingress scheduler is provisioned for this SAP to operate in. All MDAs can support four-priority mode, but not all MDAs can support sixteen-priority mode. |
| Displayed name | Scheduler Mode |
| OSS name | ingressSchedulerMode |
| Read-only | no |
| Tab Panel | Schedulers Ingress Scheduler |
| Type | SchedulerMode |

Service Description**Table 3-1577 Service Description**

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Service Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | serviceDescription |
| Read-only | yes |
| Tab Panel | General Service |
| Type | STRING |

Service ID**Table 3-1578 Service ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Service ID |
| OSS name | serviceId |
| Read-only | yes |
| Tab Panel | General Service |
| Type | LONG |

Service Name
Table 3-1579 Service Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Service Name |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | serviceName |
| Read-only | yes |
| Tab Panel | General Service |
| Type | STRING |

Service Type**Table 3-1580 Service Type**

| Name | Value |
|----------------|---------------------|
| Default | yes:unknown |
| Displayed name | Service Type |
| OSS name | serviceType |
| Read-only | yes |
| Tab Panel | General General |
| Type | service.ServiceType |

Site ID**Table 3-1581 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name
Table 3-1582 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Source MAC Address**Table 3-1583 Source MAC Address**

| Name | Value |
|----------------|---|
| Default | yes:00-00-00-00-00-00 |
| Description | Specifies the MAC address to be used for the Source MAC Address field in the mirrored packets when using IP mirror service. Applies only when encapsulationType is set to IP-Only and is local mirroring. |
| Displayed name | Source MAC Address |
| OSS name | ipMirrorSourceMacAddress |
| Read-only | no |
| Tab Panel | IP Mirror MAC Addresses Egress |
| Type | MACADDR |

State Cause**Table 3-1584 State Cause**

| Name | Value |
|----------------|---|
| Description | Specifies all the conditions that affect the operating status of this access interface. |
| Displayed name | State Cause |
| OSS name | operationalFlags |
| Read-only | yes |
| Tab Panel | General General |
| Type | service.SapOperFlags |

State Qualifier
Table 3-1585 State Qualifier

| Name | Value |
|----------------|---|
| Default | yes:OK |
| Description | This value is derived from underlyingResourceState and/or resourceState attributes. If the underlyingResourceState is not 'OK' and is not 'unspecified' the value of compositeState will be set to the same value as underlyingResourceState. Otherwise the value of compositeState will be set to the same value as resourceState. |
| Displayed name | State Qualifier |
| OSS name | compositeState |
| Read-only | yes |
| Tab Panel | General General |
| Type | ResourceCompositeState |

SVC Mgr Service ID**Table 3-1586 SVC Mgr Service ID**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | SVC Mgr Service ID |
| OSS name | svcComponentId |
| Read-only | yes |
| Tab Panel | General Service |
| Type | LONG |

Terminated Port Class Name**Table 3-1587 Terminated Port Class Name**

| Name | Value |
|----------------|----------------------------|
| Default | yes: |
| Displayed name | Terminated Port Class Name |
| Maximum | 252 |
| OSS name | terminatedPortClassName |
| Read-only | yes |
| Tab Panel | Port General |
| Type | STRING |

Terminating Port

Table 3-1588 Terminating Port

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Terminating Port |
| Maximum | 252 |
| OSS name | portPointer |
| Read-only | no |
| Tab Panel | Port General |
| Type | STRING |

Time of Day Suite

Table 3-1589 Time of Day Suite

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Pointer to the instance of the ToD Suite object. |
| Displayed name | Time of Day Suite |
| OSS name | todSuitePointer |
| Read-only | no |
| Tab Panel | TOD Suite General |
| Type | POINTER |

Underlying Port State

Table 3-1590 Underlying Port State

| Name | Value |
|----------------|---|
| Default | yes:noAssociation |
| Description | State of the underlying resource. (An underlying resource is for example a netw.ConnectionTerminationPoint) |
| Displayed name | Underlying Port State |
| OSS name | underlyingResourceState |
| Read-only | yes |
| Tab Panel | Port General |
| Type | UnderlyingResourceState |

Use Shared Queue
Table 3-1591 Use Shared Queue

| Name | Value |
|----------------|------------------|
| Default | yes:false |
| Displayed name | Use Shared Queue |
| OSS name | sharedQueueOn |
| Read-only | no |
| Tab Panel | QoS Shared Queue |
| Type | BOOL |

valueManager:macAddr**Table 3-1592 valueManager:macAddr**

| Name | Value |
|-------------|--------------------------------|
| OSS name | valueManager:macAddr |
| Read-only | no |
| Tab Panel | IP Mirror MAC Addresses Egress |

WRR Policy**Table 3-1593 WRR Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | HSMDA WRR Policy is the Weighted Round Robin (WRR) policy |
| Displayed name | WRR Policy |
| OSS name | hsmdaEgrQosWrrPleyOvrd |
| Read-only | no |
| Tab Panel | QoS Egress HSMDA Override |
| Type | POINTER |

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Available Bandwidth for Mandatory Channels

Table 3-1594 Available Bandwidth for Mandatory Channels

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The available bandwidth on the interface for mandatory channels |
| Displayed name | Available Bandwidth for Mandatory Channels |
| OSS name | availableMandatoryBw |
| Read-only | yes |
| Tab Panel | General Multicast CAC |
| Type | LONG |
| Units | kbps |

Available Bandwidth for Optional Channels

Table 3-1595 Available Bandwidth for Optional Channels

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The available bandwidth on the interface for optional channels |
| Displayed name | Available Bandwidth for Optional Channels |
| OSS name | availableOptionalBw |
| Read-only | yes |
| Tab Panel | General Multicast CAC |
| Type | LONG |
| Units | kbps |

Bandwidth Values in Transit

Table 3-1596 Bandwidth Values in Transit

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-1596 Bandwidth Values in Transit (continued)

| Name | Value |
|----------------|---|
| Description | Indicates that the operational (available and in-use mandatory/optional) value for the following objects are in transition due to configuration change: inUseMandatoryBw inUseOptionalBw availableMandatoryBw availableOptionalBw When Multicast CAC Policy is applied on the interface for the join of the next channel, the operational values will be recalculated and applied to the above objects and the value for bwValuesInTransit will be set to 'false'. If the value of bwValuesInTransit is 'true' then the values are in transition. |
| Displayed name | Bandwidth Values in Transit |
| OSS name | bwValuesInTransit |
| Read-only | yes |
| Tab Panel | General Multicast CAC |
| Type | BOOL |

Constraint Administration State

Table 3-1597 Constraint Administration State

| Name | Value |
|----------------|---|
| Default | yes:tmnxInService |
| Description | The administrative state of the multicast CAC policy's constraints. |
| Displayed name | Constraint Administration State |
| OSS name | mCacConstAdminState |
| Read-only | no |
| Tab Panel | General Multicast CAC |
| Type | netw.AdministrativeState |

Disable Router Alert Check

Table 3-1598 Disable Router Alert Check

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | It is used to enable/disable router alert checking for IGMP messages received on this interface. If this flag is set to 'true', checking is disabled. |
| Displayed name | Disable Router Alert Check |
| OSS name | disRtrAlertChk |
| Read-only | no |
| Tab Panel | General General |

Table 3-1598 Disable Router Alert Check (continued)

| Name | Value |
|------|-------|
| Type | BOOL |

Fast-Leave**Table 3-1599 Fast-Leave**

| Name | Value |
|--------------------------|------------------------|
| Default | yes:disabled |
| Displayed name | Fast-Leave |
| OSS name | fastLeave |
| Read-only | no |
| Tab Panel | General General |
| Type | IgmpSnoopingAdminState |
| Enumerated types: | |
| | Disabled |
| | Enabled |

General Query Interval**Table 3-1600 General Query Interval**

| Name | Value |
|----------------|------------------------|
| Default | yes:125 |
| Displayed name | General Query Interval |
| Maximum | 1024 |
| Minimum | 2 |
| OSS name | genQueryInterval |
| Read-only | no |
| Tab Panel | General Queries |
| Type | INT |
| Units | seconds |

IGMP Version
Table 3-1601 IGMP Version

| Name | Value |
|--------------------------|-----------------|
| Default | yes:3 |
| Displayed name | IGMP Version |
| Maximum | 3 |
| Minimum | 1 |
| OSS name | igmpVersion |
| Read-only | no |
| Tab Panel | General Queries |
| Type | IgmpVersionType |
| Enumerated types: | |
| Version 1 | |
| Version 2 | |
| Version 3 | |

Import Policy**Table 3-1602 Import Policy**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Import Policy |
| Maximum | 32 |
| OSS name | importPolicy |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

In Use Bandwidth by Mandatory Channels**Table 3-1603 In Use Bandwidth by Mandatory Channels**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The bandwidth already taken on the interface by mandatory channels |
| Displayed name | In Use Bandwidth by Mandatory Channels |

Table 3-1603 In Use Bandwidth by Mandatory Channels (continued)

| Name | Value |
|-------------|-----------------------|
| OSS name | inUseMandatoryBw |
| Read-only | yes |
| Tab Panel | General Multicast CAC |
| Type | LONG |
| Units | kbps |

In Use Bandwidth by Optional Channels**Table 3-1604 In Use Bandwidth by Optional Channels**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The bandwidth already taken on the interface by optional channels |
| Displayed name | In Use Bandwidth by Optional Channels |
| OSS name | inUseOptionalBw |
| Read-only | yes |
| Tab Panel | General Multicast CAC |
| Type | LONG |
| Units | kbps |

Last Member Query Interval**Table 3-1605 Last Member Query Interval**

| Name | Value |
|----------------|----------------------------|
| Default | yes:10 |
| Displayed name | Last Member Query Interval |
| Maximum | 50 |
| Minimum | 1 |
| OSS name | lastMemberInterval |
| Read-only | no |
| Tab Panel | General Groups |
| Type | INT |
| Units | tenths of seconds |

Mandatory Bandwidth
Table 3-1606 Mandatory Bandwidth

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Description | The value of preRsvdMandatoryBandwidth specifies the bandwidth pre-reserved for all the mandatory channels on a given interface in kilo-bits per second(kbps). If the value of unconstrainedBandwidth is '0', no mandatory channels are allowed. If the value of unconstrainedBandwidth is '-1', then all mandatory and optional channels are allowed. If the value of preRsvdMandatoryBandwidth is equal to the value of unconstrainedBandwidth, then all the unconstrained bandwidth on a given interface is allocated to mandatory channels configured through multicast cac policy on that interface and no optional groups (channels) are allowed. The value of preRsvdMandatoryBandwidth should be set to the same as unconstrainedBandwidth if the latter is set to either '-1' or '0'. The value of preRsvdMandatoryBandwidth should always be less than or equal to that of unconstrainedBandwidth. |
| Displayed name | Mandatory Bandwidth |
| Maximum | 2147483647 |
| Minimum | -1 |
| OSS name | preRsvdMandatoryBandwidth |
| Read-only | no |
| Tab Panel | General Multicast CAC |
| Type | INT |
| Units | kbps |

Maximum Number of Group Sources per Group**Table 3-1607 Maximum Number of Group Sources per Group**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies how many group source addresses are allowed per group address for this SAP. |
| Displayed name | Maximum Number of Group Sources per Group |
| Maximum | 32000 |
| Minimum | 0 |
| OSS name | maxNbrGrpSourcesPerGroup |
| Read-only | no |
| Tab Panel | General Groups |
| Type | INT |

Maximum Number of Groups**Table 3-1608 Maximum Number of Groups**

| Name | Value |
|----------------|--------------------------|
| Default | yes:0 |
| Displayed name | Maximum Number of Groups |
| Maximum | 2047 |
| Minimum | 0 |
| OSS name | maxNbrGroups |
| Read-only | no |
| Tab Panel | General Groups |
| Type | INT |

Maximum Number of Sources per Group**Table 3-1609 Maximum Number of Sources per Group**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies how many source addresses are allowed per group address for this SAP. |
| Displayed name | Maximum Number of Sources per Group |
| Maximum | 1000 |
| Minimum | 0 |
| OSS name | maxNbrSourcesPerGroup |
| Read-only | no |
| Tab Panel | General Groups |
| Type | INT |

Maximum Response Interval**Table 3-1610 Maximum Response Interval**

| Name | Value |
|----------------|---------------------------|
| Default | yes:10 |
| Displayed name | Maximum Response Interval |
| Maximum | 1023 |
| Minimum | 1 |
| OSS name | queryResponseInterval |

Table 3-1610 Maximum Response Interval (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General Queries |
| Type | INT |
| Units | seconds |

Multicast CAC Policy**Table 3-1611 Multicast CAC Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the instance of the multicast cac policy object. |
| Displayed name | Multicast CAC Policy |
| OSS name | mCastCacPolicyPointer |
| Read-only | no |
| Tab Panel | General Multicast CAC |
| Type | POINTER |

Multicast Router Attached**Table 3-1612 Multicast Router Attached**

| Name | Value |
|----------------|---------------------------|
| Default | yes:false |
| Displayed name | Multicast Router Attached |
| OSS name | mrouterAttached |
| Read-only | no |
| Tab Panel | General Multicast Router |
| Type | BOOL |

Name**Table 3-1613 Name**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-1613 Name (continued)

| Name | Value |
|----------------|---|
| Description | The name of the CLI Configured multicast CAC policy. This policy might not be configured/exist on the node. In this case mCastCacPolicyPointer is set to its default value. |
| Displayed name | Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | mCastCacPolicyName |
| Read-only | yes |
| Tab Panel | General Multicast CAC |
| Type | STRING |

Robust Count**Table 3-1614 Robust Count**

| Name | Value |
|----------------|-----------------|
| Default | yes:2 |
| Displayed name | Robust Count |
| Maximum | 7 |
| Minimum | 2 |
| OSS name | robustCount |
| Read-only | no |
| Tab Panel | General Queries |
| Type | INT |

Send Queries**Table 3-1615 Send Queries**

| Name | Value |
|----------------|------------------------|
| Default | yes:disabled |
| Displayed name | Send Queries |
| OSS name | sendQueries |
| Read-only | no |
| Tab Panel | General Queries |
| Type | IgmpSnoopingAdminState |

Table 3-1615 Send Queries (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Disabled | |
| Enabled | |

Unconstrained Bandwidth**Table 3-1616 Unconstrained Bandwidth**

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Description | The bandwidth assigned for interface's multicast cac policy traffic in kilo-bits per second(kbps). If the default value of '0' is set, then the value will be set to the physical bandwidth available for the interface. |
| Displayed name | Unconstrained Bandwidth |
| Maximum | 2147483647 |
| Minimum | -1 |
| OSS name | unconstrainedBandwidth |
| Read-only | no |
| Tab Panel | General Multicast CAC |
| Type | INT |
| Units | kbps |

L2AccessInterfacelgmpSnpGStaticMcastGrp parameters**Group Address****Table 3-1617 Group Address**

| Name | Value |
|-----------------------|-----------------|
| Displayed name | Group Address |
| Mandatory on creation | yes |
| OSS name | grpAddr |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Source Address

Table 3-1618 Source Address

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0.0.0.0 |
| Displayed name | Source Address |
| Mandatory on creation | yes |
| OSS name | srcAddr |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

LACP Configuration parameters

Active Sub-Group Selection Criteria

Table 3-1619 Active Sub-Group Selection Criteria

| Name | Value |
|--------------------------|-------------------------------------|
| Default | yes:Highest_Count |
| Displayed name | Active Sub-Group Selection Criteria |
| OSS name | lacpSelCrit |
| Read-only | no |
| Tab Panel | LACP Selection Criteria |
| Type | SelCritEnum |
| Enumerated types: | |
| | Best Port |
| | Highest Count |
| | Highest Weight |

Actor Administration Key

Table 3-1620 Actor Administration Key

| Name | Value |
|-------------|---|
| Default | yes:0 |
| Description | Specifies a unique value used to identify a dynamic LAG |

Table 3-1620 Actor Administration Key (continued)

| Name | Value |
|----------------|--------------------------|
| Displayed name | Actor Administration Key |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | actorAdminKey |
| Read-only | no |
| Tab Panel | LACP General |
| Type | INT |

Actor Operational Key**Table 3-1621 Actor Operational Key**

| Name | Value |
|----------------|-----------------------|
| Default | yes:0 |
| Displayed name | Actor Operational Key |
| OSS name | actorOperKey |
| Read-only | yes |
| Tab Panel | LACP General |
| Type | INT |

Actor System ID**Table 3-1622 Actor System ID**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Actor System ID |
| OSS name | actorSystemId |
| Read-only | no |
| Tab Panel | LACP General |
| Type | MACADDR |

Actor System Priority
Table 3-1623 Actor System Priority

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the priority of a dynamic LAG in relation to other dynamic LAGs |
| Displayed name | Actor System Priority |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | actorSystemPriority |
| Read-only | no |
| Tab Panel | LACP General |
| Type | INT |

Candidate Sub Group**Table 3-1624 Candidate Sub Group**

| Name | Value |
|--------------------------|-------------------------|
| Displayed name | Candidate Sub Group |
| OSS name | lagCandidateSubGroup |
| Read-only | yes |
| Tab Panel | LACP Selection Criteria |
| Type | SubGroupIdEnum |
| Enumerated types: | |
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| auto_iom | |
| auto_mda | |

Hold Time Down**Table 3-1625 Hold Time Down**

| Name | Value |
|----------------|----------------------|
| Default | yes:0 |
| Displayed name | Hold Time Down |
| Maximum | 2000 |
| Minimum | 0 |
| OSS name | lacpHoldTimeDown |
| Read-only | no |
| Tab Panel | LACP General |
| Type | INT |
| Units | 100s of milliseconds |

Infinite**Table 3-1626 Infinite**

| Name | Value |
|----------------|----------------------------------|
| Displayed name | Infinite |
| OSS name | valueManager:lagLacpHoldTimeDown |
| Read-only | no |
| Tab Panel | LACP Selection Criteria |

LACP**Table 3-1627 LACP**

| Name | Value |
|--------------------------|---|
| Default | yes:disabled |
| Description | This property specifies the LACP Activity Type (Active/Passive/Disabled) parameter for LAG. |
| Displayed name | LACP |
| OSS name | lacpActivity |
| Read-only | no |
| Tab Panel | LACP General |
| Type | LacpActivityType |
| Enumerated types: | |

Table 3-1627 LACP (continued)

| Name | Value |
|----------|-------|
| Active | |
| Disabled | |
| Passive | |

LACP**Table 3-1628 LACP**

| Name | Value |
|----------------|---------------------------------|
| Default | yes:disabled |
| Description | static or Dynamic(LACP enabled) |
| Displayed name | LACP |
| OSS name | lacpEnabled |
| Read-only | yes |
| Tab Panel | LACP Lacp |
| Type | INT |

LACP Enabled**Table 3-1629 LACP Enabled**

| Name | Value |
|----------------|---------------------|
| Default | yes:false |
| Displayed name | LACP Enabled |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | LACP General |
| Type | BOOL |

LACP Mode**Table 3-1630 LACP Mode**

| Name | Value |
|----------------|-------------|
| Default | yes:passive |
| Displayed name | LACP Mode |

Table 3-1630 LACP Mode (continued)

| Name | Value |
|-------------|--------------|
| OSS name | lacpMode |
| Read-only | no |
| Tab Panel | LACP General |
| Type | INT |

LACP MUX Control**Table 3-1631 LACP MUX Control**

| Name | Value |
|--------------------------|---|
| Default | yes:coupled |
| Description | This property specifies the LACP MUX control type (Coupled/Independent) parameter for LAG |
| Displayed name | LACP MUX Control |
| OSS name | lacpMuxControl |
| Read-only | no |
| Tab Panel | LACP General |
| Type | LACPMUXControlType |
| Enumerated types: | |
| Coupled | |
| Independent | |

LACP System ID**Table 3-1632 LACP System ID**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | LACP System ID |
| OSS name | lagSystemId |
| Read-only | no |
| Tab Panel | LACP General |
| Type | MACADDR |

LACP System Priority**Table 3-1633 LACP System Priority**

| Name | Value |
|----------------|----------------------|
| Default | yes:-1 |
| Displayed name | LACP System Priority |
| Maximum | 65535 |
| Minimum | -1 |
| OSS name | lagSystemPriority |
| Read-only | no |
| Tab Panel | LACP General |
| Type | INT |

LACP Transmit Interval**Table 3-1634 LACP Transmit Interval**

| Name | Value |
|----------------|------------------------|
| Default | yes:fast |
| Displayed name | LACP Transmit Interval |
| OSS name | lacpTransmitInterval |
| Read-only | no |
| Tab Panel | LACP General |
| Type | INT |

LACP Transmit Standby**Table 3-1635 LACP Transmit Standby**

| Name | Value |
|----------------|-----------------------|
| Default | yes:true |
| Displayed name | LACP Transmit Standby |
| OSS name | lacpXmitStdby |
| Read-only | no |
| Tab Panel | LACP General |
| Type | BOOL |

Number of Sub-Groups
Table 3-1636 Number of Sub-Groups

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | Number of Sub-Groups |
| OSS name | lacpNbrOfSubGroups |
| Read-only | yes |
| Tab Panel | LACP Selection Criteria |
| Type | INT |

Partner Administration Key**Table 3-1637 Partner Administration Key**

| Name | Value |
|----------------|----------------------------|
| Default | yes:0 |
| Displayed name | Partner Administration Key |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | partnerAdminKey |
| Read-only | no |
| Tab Panel | LACP General |
| Type | INT |

Partner Operational Key**Table 3-1638 Partner Operational Key**

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | Partner Operational Key |
| OSS name | partnerOperKey |
| Read-only | yes |
| Tab Panel | LACP General |
| Type | INT |

Partner System ID
Table 3-1639 Partner System ID

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Partner System ID |
| OSS name | partnerSystemId |
| Read-only | no |
| Tab Panel | LACP General |
| Type | MACADDR |

Partner System Priority**Table 3-1640 Partner System Priority**

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | Partner System Priority |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | partnerSystemPriority |
| Read-only | no |
| Tab Panel | LACP General |
| Type | INT |

Selected Sub Group**Table 3-1641 Selected Sub Group**

| Name | Value |
|--------------------------|-------------------------|
| Displayed name | Selected Sub Group |
| OSS name | lagSelectedSubGroup |
| Read-only | yes |
| Tab Panel | LACP Selection Criteria |
| Type | SubGroupIdEnum |
| Enumerated types: | |
| 1 | |
| 2 | |

Table 3-1641 Selected Sub Group (continued)

| Name | Value |
|----------|-------|
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| auto_iom | |
| auto_mda | |

Slave to Partner**Table 3-1642 Slave to Partner**

| Name | Value |
|----------------|---------------------------|
| Default | yes:false |
| Displayed name | Slave to Partner |
| OSS name | lACPselCritSlaveToPartner |
| Read-only | no |
| Tab Panel | LACP Selection Criteria |
| Type | BOOL |

Standby Signalling**Table 3-1643 Standby Signalling**

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:lACP |
| Displayed name | Standby Signalling |
| OSS name | standbySignalling |
| Read-only | no |
| Tab Panel | LACP General |
| Type | StandbySignallingEnum |
| Enumerated types: | |
| LACP | |
| Power Off | |

Sub Group Hold Down Time
Table 3-1644 Sub Group Hold Down Time

| Name | Value |
|----------------|--------------------------|
| Default | yes:0 |
| Displayed name | Sub Group Hold Down Time |
| Maximum | 2000 |
| Minimum | -1 |
| OSS name | lagLacpHoldTimeDown |
| Read-only | no |
| Tab Panel | LACP Selection Criteria |
| Type | INT |
| Units | 100s of milliseconds |

Timeout**Table 3-1645 Timeout**

| Name | Value |
|--------------------------|---|
| Default | yes:long |
| Description | This property specifies the LACP Timeout parameter for LAG. |
| Displayed name | Timeout |
| OSS name | lacpTimeout |
| Read-only | no |
| Tab Panel | LACP General |
| Type | LacpTimeoutType |
| Enumerated types: | |
| | Long |
| | Short |

LAG Alarm Profile parameters

Category

Table 3-1646 Category

| Name | Value |
|--------------------------|----------------------|
| Description | The trap entity type |
| Displayed name | Category |
| Mandatory on creation | yes |
| OSS name | alarmEntityType |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapEntityType |
| Enumerated types: | |
| 100GBE | |
| 10GBE | |
| 1GBE | |
| 40GBE | |
| ALL | |
| BITS | |
| CBR10G3 | |
| CBR2G5 | |
| CBRAR | |
| COM | |
| CPDPR | |
| CPLMP | |
| CPNEIGHBOR | |
| CPRSVP | |
| DBLINK | |
| DDR | |
| E1 | |
| ENV | |
| EQPT | |
| FC100 | |
| FC10G | |

Table 3-1646 Category (continued)

| Name | Value |
|--------------|-------|
| FC16G | |
| FC200 | |
| FC400 | |
| FC800 | |
| FE | |
| GMRENODE | |
| LAG | |
| LINEREF | |
| LOG | |
| LOODU | |
| LSP | |
| MEP | |
| NETIF | |
| OC12/STM4 | |
| OC192/STM64 | |
| OC3/STM1 | |
| OC48/STM16 | |
| OC768/STM256 | |
| OCH | |
| ODU0 | |
| ODU0TCM | |
| ODU1 | |
| ODU1F | |
| ODU1FTCM | |
| ODU1ODU0 | |
| ODU1ODU0TCM | |
| ODU1PTF | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2EODU0 | |
| ODU2EODU0TCM | |
| ODU2EODU1 | |

Table 3-1646 Category (continued)

| Name | Value |
|----------------|-------|
| ODU2EODU1TCM | |
| ODU2EODUF | |
| ODU2EODUFTCM | |
| ODU2ETCM | |
| ODU2ODU0 | |
| ODU2ODU0TCM | |
| ODU2ODU1 | |
| ODU2ODU1TCM | |
| ODU2ODUF | |
| ODU2ODUFTCM | |
| ODU2TCM | |
| ODU3 | |
| ODU3E | |
| ODU3E2 | |
| ODU3E2ODU0 | |
| ODU3E2ODU0TCM | |
| ODU3E2ODU1 | |
| ODU3E2ODU1TCM | |
| ODU3E2ODU2 | |
| ODU3E2ODU2E | |
| ODU3E2ODU2ETCM | |
| ODU3E2ODU2TCM | |
| ODU3E2ODUF | |
| ODU3E2ODUFTCM | |
| ODU3E2TCM | |
| ODU3EODU0 | |
| ODU3EODU0TCM | |
| ODU3EODU1 | |
| ODU3EODU1TCM | |
| ODU3EODU2 | |
| ODU3EODU2E | |
| ODU3EODU2ETCM | |
| ODU3EODU2TCM | |

Table 3-1646 Category (continued)

| Name | Value |
|---------------|-------|
| ODU3EODUF | |
| ODU3EODUFTCM | |
| ODU3ETCM | |
| ODU3ODU0 | |
| ODU3ODU0TCM | |
| ODU3ODU1 | |
| ODU3ODU1TCM | |
| ODU3ODU2 | |
| ODU3ODU2E | |
| ODU3ODU2ETCM | |
| ODU3ODU2TCM | |
| ODU3ODUF | |
| ODU3ODUFTCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4ODU0 | |
| ODU4ODU0TCM | |
| ODU4ODU1 | |
| ODU4ODU1F | |
| ODU4ODU1FTCM | |
| ODU4ODU1TCM | |
| ODU4ODU2 | |
| ODU4ODU2E | |
| ODU4ODU2ETCM | |
| ODU4ODU2TCM | |
| ODU4ODU3 | |
| ODU4ODU3E | |
| ODU4ODU3E2 | |
| ODU4ODU3E2TCM | |
| ODU4ODU3ETCM | |
| ODU4ODU3TCM | |
| ODU4ODUF | |
| ODU4ODUFTCM | |

Table 3-1646 Category (continued)

| Name | Value |
|--------------|-------|
| ODU4TCM | |
| ODUF | |
| ODUFTCM | |
| OFA | |
| OMS | |
| OPTSG | |
| OTNFAC | |
| OTS | |
| OTU | |
| OTU0 | |
| OTU1 | |
| OTU1F | |
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E | |
| OTU3E2 | |
| OTU4 | |
| OTUODU0 | |
| OTUODU0TCM | |
| OTUODU1 | |
| OTUODU1F | |
| OTUODU1TCM | |
| OTUODU2 | |
| OTUODU2E | |
| OTUODU2ETCM | |
| OTUODU2TCM | |
| OTUODU3 | |
| OTUODU3E | |
| OTUODU3E2 | |
| OTUODU3E2TCM | |
| OTUODU3ETCM | |
| OTUODU3TCM | |

Table 3-1646 Category (continued)

| Name | Value |
|--------------|-------|
| OTUODU4 | |
| OTUODU4TCM | |
| OTUOODU1FTCM | |
| PLK | |
| PM | |
| PTPCLOCK | |
| PTPPORT | |
| RMD | |
| RMDCESCHNNEL | |
| RMDIF | |
| RMDIFMAU | |
| RMDMEP | |
| RMDNIM | |
| SCLOCK | |
| SDR | |
| SESSION | |
| SRERP | |
| SRMEP | |
| SROAMSAACTL | |
| SRSAP | |
| SRSVC | |
| SYNC | |
| TELINK | |
| TIMING | |
| TOD | |
| TRU | |
| VTS | |

Condition**Table 3-1647 Condition**

| Name | Value |
|-------------|--------------------|
| Description | The trap condition |

Table 3-1647 Condition (continued)

| Name | Value |
|--------------------------|-----------------|
| Displayed name | Condition |
| Mandatory on creation | yes |
| OSS name | alarmCondition |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCondition |
| Enumerated types: | |
| acsFipsFailure | |
| aisLM | |
| aisLmsAis | |
| aisPauAis | |
| aisTcm | |
| alienEgrLOS | |
| allChanMiss | |
| allChanMissOut | |
| almRSync | |
| almRSyncEnd | |
| ampDisabled | |
| ampEol | |
| ANNOUNCELOSS | |
| apeInProgress | |
| APRFORCED | |
| aprInvalidTopo | |
| APRLIMITED | |
| aprLine | |
| aprNode | |
| aprOsc | |
| aprSwitch | |
| aprUnavail | |
| aprUnavailOsc | |
| apsB | |
| apsCm | |
| apsMm | |

Table 3-1647 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| apsNoRed | |
| arcIND | |
| asonTopo | |
| auAisP | |
| auLopP | |
| authFail | |
| autoReset | |
| autoSwTimRef | |
| autoSwTimRefT4 | |
| autoSyncSw | |
| b1Sd | |
| backupUnavail | |
| backwardDefectIndicationEgress | |
| BADCLKFREQ | |
| baseline | |
| bdi | |
| bdiOdu | |
| bdiOduOut | |
| bdiTcm | |
| binsRolled | |
| bitsAIS | |
| bitsLof | |
| bitsLos | |
| bitsMAN | |
| bkupCom | |
| boardEqpt | |
| brkTrip | |
| capBufr | |
| cardBoot | |
| CARDCLKOFFFREQ | |
| cardIdRcvd | |
| cardInBoot | |
| cardInit | |

Table 3-1647 Condition (continued)

| Name | Value |
|--------------------|-------|
| cardInitBcm | |
| cardInitFail | |
| cardInitNonBcm | |
| cardNotAllowed | |
| cardSanity | |
| cbr10G3RxLOS | |
| cbr10G3RxLSS | |
| ccActChg | |
| cfCapacityWarning | |
| cfmAisEvnt | |
| cfmDmTestComplete | |
| cfmFltEvnt | |
| cfmLbmTestComplete | |
| cfmLmTestComplete | |
| cfmLtmTestComplete | |
| cfmSImTestComplete | |
| change | |
| channelViolation | |
| chkBkplane | |
| ckm | |
| clearAllTcas | |
| colorViolation | |
| comm | |
| commDeg | |
| commDown | |
| configFail | |
| CONFIGMM | |
| contBus | |
| contCom | |
| contComm | |
| contEqpt | |
| contEqptSplit | |
| contr | |

Table 3-1647 Condition (continued)

| Name | Value |
|----------------|-------|
| contrDup | |
| contrenDgr | |
| contrenFail | |
| contrOut | |
| cpuPerformance | |
| crdInit | |
| crTca | |
| csf | |
| csfGfp | |
| CSFGFPOUT | |
| csfOduEgr | |
| csfOduOut | |
| dataErr | |
| dataFlt | |
| dbErr | |
| dbFl | |
| dbFt | |
| dbFull | |
| dbInvalid | |
| dbMemTrf | |
| dbUnsync | |
| dcConfigFail | |
| deg | |
| degOtu | |
| degOut | |
| degTcm | |
| DELAYRESLOSS | |
| DISCOVERMOD | |
| dormantUser | |
| dwAis | |
| dwLof | |
| dwLom | |
| dwSd | |

Table 3-1647 Condition (continued)

| Name | Value |
|-------------------|-------|
| dwSf | |
| e1AisEgr | |
| e1AisL | |
| e1Lof | |
| e1LofEgr | |
| e1Los | |
| e1NoCrc4M | |
| e1NoCRC4MEgr | |
| e1Rai | |
| e1RaiEgr | |
| ebero | |
| egressSSF | |
| envInput1Active | |
| envInput2Active | |
| envInput3Active | |
| envInput4Active | |
| envInput5Active | |
| envInput6Active | |
| envInput7Active | |
| envInput8Active | |
| eptUploadErr | |
| eqpt | |
| eqptCrypto | |
| eqptDgr | |
| eqptDgrMon | |
| eqptDgrOch | |
| eqptDgrOchOut | |
| eqptDgrOut | |
| eqptPort | |
| erpFwdStateChng | |
| ESCABLEMISMATCH1 | |
| ESCABLEMISMATCH10 | |
| ESCABLEMISMATCH11 | |

Table 3-1647 Condition (continued)

| Name | Value |
|-------------------------|-------|
| ESCABLEMISMATCH12 | |
| ESCABLEMISMATCH13 | |
| ESCABLEMISMATCH14 | |
| ESCABLEMISMATCH15 | |
| ESCABLEMISMATCH16 | |
| ESCABLEMISMATCH17 | |
| ESCABLEMISMATCH18 | |
| ESCABLEMISMATCH19 | |
| ESCABLEMISMATCH2 | |
| ESCABLEMISMATCH20 | |
| ESCABLEMISMATCH21 | |
| ESCABLEMISMATCH22 | |
| ESCABLEMISMATCH23 | |
| ESCABLEMISMATCH24 | |
| ESCABLEMISMATCH3 | |
| ESCABLEMISMATCH4 | |
| ESCABLEMISMATCH5 | |
| ESCABLEMISMATCH6 | |
| ESCABLEMISMATCH7 | |
| ESCABLEMISMATCH8 | |
| ESCABLEMISMATCH9 | |
| escLatchFail | |
| esm | |
| ethCSF | |
| ethRingPathProvMismatch | |
| etrMismatch | |
| etrMismatchMod | |
| excessLoad | |
| excessLoss | |
| facServ | |
| facTerm | |
| facTermDev | |
| facTermDgr | |

Table 3-1647 Condition (continued)

| Name | Value |
|----------------------|-------|
| fan32HRqd | |
| fanSpeed | |
| fanSpeedHigh | |
| fanSpeedLow | |
| fanSpeedMan | |
| farEndLos | |
| faulty | |
| fdi | |
| fdiClk | |
| feAls | |
| feasibilityViolation | |
| fecEcSd | |
| fecFail | |
| fecUbcSd | |
| feFlt | |
| feLfi | |
| feLos | |
| feLss | |
| fePortMismatch | |
| fePrLf | |
| feRfi | |
| fipsFailure | |
| fipsSwMismatch | |
| flt | |
| fpgaFail | |
| FPGAFAILNSA | |
| fpgaInit | |
| FPGAINIT1 | |
| FPGAINIT10 | |
| FPGAINIT2 | |
| FPGAINIT3 | |
| FPGAINIT4 | |
| FPGAINIT5 | |

Table 3-1647 Condition (continued)

| Name | Value |
|-----------------|-------|
| FPGAINIT6 | |
| FPGAINIT7 | |
| FPGAINIT8 | |
| FPGAINIT9 | |
| FPGAINITNSA1 | |
| FPGAINITNSA10 | |
| FPGAINITNSA2 | |
| FPGAINITNSA3 | |
| FPGAINITNSA4 | |
| FPGAINITNSA5 | |
| FPGAINITNSA6 | |
| FPGAINITNSA7 | |
| FPGAINITNSA8 | |
| FPGAINITNSA9 | |
| FPGAPRELOAD | |
| fpgaTimeout | |
| FPGATIMEOUTNSA | |
| frcdSwTimRef | |
| frcdSwTimRefT4 | |
| frcdWkSwBk | |
| frcdWkSwBkVTS1 | |
| frcdWkSwBkVTS10 | |
| frcdWkSwBkVTS2 | |
| frcdWkSwBkVTS3 | |
| frcdWkSwBkVTS4 | |
| frcdWkSwBkVTS5 | |
| frcdWkSwBkVTS6 | |
| frcdWkSwBkVTS7 | |
| frcdWkSwBkVTS8 | |
| frcdWkSwBkVTS9 | |
| frcdWkSwPr | |
| frcdWkSwPrVTS1 | |
| frcdWkSwPrVTS10 | |

Table 3-1647 Condition (continued)

| Name | Value |
|------------------------|-------|
| frcdWkSwPrVTS2 | |
| frcdWkSwPrVTS3 | |
| frcdWkSwPrVTS4 | |
| frcdWkSwPrVTS5 | |
| frcdWkSwPrVTS6 | |
| frcdWkSwPrVTS7 | |
| frcdWkSwPrVTS8 | |
| frcdWkSwPrVTS9 | |
| FRCRFCKSEL | |
| frngSync | |
| FTD_ENCRYPT_15MIN | |
| FTD_ENCRYPT_1DAY | |
| FWMISMATCH | |
| fwPendingObsolete | |
| fwUpgradePending | |
| fwVersionNotDefault | |
| gfpLof | |
| GFPLOFOUT | |
| gfpSsf | |
| gfpUpm | |
| hdFail | |
| hdFull | |
| hiBer | |
| highGain | |
| hldOvrSync | |
| hpPlmP | |
| hpRdiP | |
| hpUneqP | |
| hwRevisionNotSupported | |
| igmpSnpgSrcLimitExceed | |
| imageNotReady | |
| incompatFan | |
| inhMsgPmRept | |

Table 3-1647 Condition (continued)

| Name | Value |
|--------------------------|-------|
| init | |
| inMigration | |
| INSERTMOD | |
| int | |
| intErr | |
| intrusion | |
| intrusionEvt | |
| intSft | |
| intTemp | |
| intTempHigh | |
| intTempLow | |
| intTempOpt | |
| invalidEgress | |
| invalidThreshold | |
| invalidThresholdOms | |
| invalidThresholdOts | |
| invalidTopo | |
| inventoryError | |
| keyDomainErr | |
| lagDeg | |
| lagLos | |
| LAGMEMBERPORTSTATECHANGE | |
| lagPortAddFailed | |
| LAGPORTADDSUCCESS | |
| LAGSTATECHANGE | |
| lagSubGrpSelect | |
| lanLfi | |
| lanLol | |
| lanLos | |
| lanRfi | |
| lanSf | |
| laserBackFacetOptPwrTca | |
| laserCoolingCurTca | |

Table 3-1647 Condition (continued)

| Name | Value |
|------------------------|-------|
| laserEOL | |
| laserOffLpbk | |
| lck | |
| lckOut | |
| lckTcm | |
| ledState | |
| lfd | |
| lfiEgr | |
| linkDiversity | |
| linkDown | |
| linkoamLoopDetected | |
| linkoamNonThresh | |
| linkoamPeerChng | |
| linkUp | |
| loam | |
| lockedIndicationEgress | |
| lockoutOfPr | |
| lockoutOfPrVTS1 | |
| lockoutOfPrVTS10 | |
| lockoutOfPrVTS2 | |
| lockoutOfPrVTS3 | |
| lockoutOfPrVTS4 | |
| lockoutOfPrVTS5 | |
| lockoutOfPrVTS6 | |
| lockoutOfPrVTS7 | |
| lockoutOfPrVTS8 | |
| lockoutOfPrVTS9 | |
| lockoutOfTimRef | |
| lockoutOfTimRefT4 | |
| lockoutToPr | |
| lof | |
| lofEgr | |
| lofLom | |

Table 3-1647 Condition (continued)

| Name | Value |
|-------------------|-------|
| lofLomOut | |
| lofO | |
| loGain | |
| logBuf90SecuLog | |
| logBufOvflSecuLog | |
| lol | |
| LOLA | |
| lopPauLop | |
| los | |
| losDcm | |
| losEdfa | |
| losLdSig | |
| losO | |
| losOamp | |
| losOcm | |
| losOms | |
| losOOut | |
| losOts | |
| losOut | |
| losP | |
| losPld | |
| lossOfLock | |
| lostClock | |
| lotOut | |
| lpbkLine | |
| lpbkTerm | |
| lspFailedApe | |
| lspFailedPre | |
| lspFailedTp | |
| lspFailedUnprot | |
| lspFailedXc | |
| lsrOutDgr | |
| lss | |

Table 3-1647 Condition (continued)

| Name | Value |
|----------------|-------|
| lssEgr | |
| ltcTcm | |
| man | |
| manLR | |
| manReset | |
| manSwTimRef | |
| manSwTimRefT4 | |
| manSwToInt | |
| manSwToPri | |
| manSwToSec | |
| manWkSwBk | |
| manWkSwBkVTS1 | |
| manWkSwBkVTS10 | |
| manWkSwBkVTS2 | |
| manWkSwBkVTS3 | |
| manWkSwBkVTS4 | |
| manWkSwBkVTS5 | |
| manWkSwBkVTS6 | |
| manWkSwBkVTS7 | |
| manWkSwBkVTS8 | |
| manWkSwBkVTS9 | |
| manWkSwPr | |
| manWkSwPrVTS1 | |
| manWkSwPrVTS10 | |
| manWkSwPrVTS2 | |
| manWkSwPrVTS3 | |
| manWkSwPrVTS4 | |
| manWkSwPrVTS5 | |
| manWkSwPrVTS6 | |
| manWkSwPrVTS7 | |
| manWkSwPrVTS8 | |
| manWkSwPrVTS9 | |
| mepAIS | |

Table 3-1647 Condition (continued)

| Name | Value |
|-------------------|-------|
| mepError | |
| mepLoc | |
| mepMacError | |
| mepMmg | |
| mepRemote | |
| mepXcon | |
| mirrorDestDisable | |
| mirrorDestEnable | |
| mirrorSrcDisable | |
| mirrorSrcEnable | |
| mismatch | |
| mismatchFiber | |
| mismatchSfpXfp | |
| missing | |
| mixedPFUsed | |
| mjTca | |
| mnTca | |
| mod | |
| modOutOOR | |
| msim | |
| mtcesurv | |
| mtcesurvDgr | |
| neAls | |
| neFlt | |
| neModeMismatch | |
| net | |
| netCraft | |
| neUnreachable | |
| nkm | |
| nodeDeg | |
| notUsed1 | |
| notUsed2 | |
| notUsed3 | |

Table 3-1647 Condition (continued)

| Name | Value |
|--------------------|-------|
| notUsed4 | |
| ntpChkSig | |
| ntpClkAdj | |
| ntpLor | |
| ntpOoSync | |
| nunvComm | |
| nunvConfig | |
| nunvIndetermined | |
| nunvReversion | |
| nunvTpBlocked | |
| nunvTransmission | |
| nvMismatch | |
| oaPumpBiasCurrHigh | |
| oaPumpTempHigh | |
| objCreated | |
| objDeleted | |
| ochCollision | |
| ochCollisionOut | |
| ochFdi | |
| ochIntErr | |
| ochKeyDup | |
| ochKeyOverlap | |
| ochKeysReused | |
| ochKeyUnavail | |
| ochMissing | |
| ochPdi | |
| ochPwrUnstable | |
| ochTrailDup | |
| ochTrailUnknown | |
| ochUnknown | |
| ochUnknownOut | |
| oci | |
| ociOut | |

Table 3-1647 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| ociTcm | |
| ocsAuditFail | |
| ocsAuditSuccess | |
| ocsDataFlt | |
| ocsDataRtrv | |
| ocsUnavail | |
| ocsUplinkDeleted | |
| oduAis | |
| oduAisEgress | |
| oduAisOut | |
| omsSSF | |
| openConnectionIndicationEgress | |
| opr | |
| oprIngress | |
| oprLossHigh | |
| oprLossLow | |
| oprOOR | |
| oprOut | |
| oprPwrHigh | |
| oprPwrLow | |
| oprTx | |
| oprUnachieve | |
| opticalParamErr | |
| OPTICALTEST | |
| optIntBase | |
| optIntDet | |
| optIntSusp | |
| oscSsf | |
| OSNRMESC | |
| ospfAdj | |
| OTDRSCANFAIL | |
| OTDRSCANSUCCESS | |
| otmcpf | |

Table 3-1647 Condition (continued)

| Name | Value |
|---------------------------|-------|
| otuAis | |
| ovrld | |
| PACKETCARDINIT | |
| payloadTypeMismatchEgress | |
| pcsGeneratorActive | |
| pdi | |
| pdiPauPdi | |
| PGFPGAFAIL1 | |
| PGFPGAFAIL2 | |
| PGFPGAFAIL3 | |
| PGFPGAFAIL4 | |
| PGFPGAFAIL5 | |
| PGFPGAINIT1 | |
| PGFPGAINIT2 | |
| PGFPGAINIT3 | |
| PGFPGAINIT4 | |
| PGFPGAINIT5 | |
| plm | |
| plmOduOut | |
| plmPauPlm | |
| ppsLos | |
| preDrErr | |
| preDrErrOut | |
| preDrErrTopo | |
| preDrErrTopoOut | |
| PTPFREERUN | |
| PTPGMDEGRADE | |
| PTPGMSWITCH | |
| PTPPATHSWITCH | |
| PTPPORTSWITCH | |
| PTPREFLOSS | |
| PTPREFUNSTABLE | |
| pwr | |

Table 3-1647 Condition (continued)

| Name | Value |
|---------------------|-------|
| pwrAdjComms | |
| pwrAdjFail | |
| pwrAdjFailAdd | |
| pwrAdjFailDrp | |
| pwrAdjReq | |
| pwrAdjReqAdd | |
| pwrAdjReqDrp | |
| pwrAlmp | |
| pwrEdfaMargin | |
| pwrFan | |
| pwrMargin | |
| pwrMaxGain | |
| pwrMgtOff | |
| pwrSusp | |
| pwrSuspOut | |
| pwrTiltParams | |
| pwrTiltSusp | |
| pwrUnbalance | |
| pwrUnbalanceOms | |
| ramanSup | |
| rcvrOptProg | |
| rdi | |
| rdiL | |
| readyToRevert | |
| REMOVEMOD | |
| replUnitMiss | |
| replUnitMissMOD | |
| reRouted | |
| restorationDisabled | |
| rfi | |
| rfiEgr | |
| rfiLmsRfi | |
| rfiPauRfi | |

Table 3-1647 Condition (continued)

| Name | Value |
|-------------------------|-------|
| rmdCesChannelLPL | |
| rmdCesChannelNoTdmPl | |
| rmdCesChannelRPL | |
| rmdDiscoveredDevice | |
| rmdDNR | |
| rmdEQF | |
| rmdIfEFMLOP | |
| rmdIfLOS | |
| rmdIfMauANM | |
| rmdIfMauEQF | |
| rmdIfMauLOS | |
| rmdIfMauUNI | |
| rmdIfMauWUP | |
| rmdJbRecentered | |
| rmdMepLOC | |
| rmdMepMMG | |
| rmdMepRDI | |
| rmdMepUNL | |
| rmdMepUNM | |
| rmdMepUNP | |
| rmdNDF | |
| rmdNimLOF | |
| rmdPWR | |
| rmdTypeMismatch | |
| rmdUnknownEcid | |
| rmdWDP | |
| rmdWrongDestMac | |
| routeNotPossible | |
| sapOperDown | |
| sapStateChng | |
| sapTlsMacAddrLimitAlarm | |
| sd | |
| sdegO | |

Table 3-1647 Condition (continued)

| Name | Value |
|---------------------------|-------|
| seepScrub | |
| serverSignalFailureEgress | |
| sf | |
| sfMismatch | |
| sfpEOL | |
| sfpReceiverPwrOOR | |
| sfpTempOOR | |
| sfpTrmtPwrOOR | |
| sft | |
| SHELFINCON | |
| shelfInVoltHigh | |
| shelfInVoltLow | |
| SHELFINVOLTMAXCUR | |
| signalDegradeEgress | |
| SLCBOOTCONTCOM | |
| SLCCARDINIT | |
| SLCCLKSYNC | |
| SLCCONTCOM | |
| SLCDATAFLT | |
| SLCEQPTBOOT | |
| SLCMISMATCH | |
| SLCNOTINSERVICE | |
| slcr | |
| sltmSig | |
| SPIREADERROR | |
| spLoAdjFail | |
| srgDiversity | |
| srTca | |
| ssf | |
| ssfClEgr | |
| ssfOdu | |
| ssfOduOut | |
| ssfOduTp | |

Table 3-1647 Condition (continued)

| Name | Value |
|------------------------|-------|
| ssfOtu | |
| SSFSECTION | |
| SSFSECTIONOUT | |
| ssfTcm | |
| subNodeUnreachable | |
| SUSPECTCLKFREQ | |
| svcOperDown | |
| svcStateChng | |
| svcTlsFwdTblFullAlarm | |
| svcTlsMfibTblFullAlarm | |
| swEqpt | |
| swftDwn | |
| swMtxMod | |
| swToSec | |
| swUpgCommit | |
| swUpgFail | |
| swUpgrade | |
| sync | |
| syncActRef | |
| syncClk | |
| syncClkFail | |
| syncClkFrng | |
| syncClkHldovr | |
| syncClkMode | |
| syncClkUnit | |
| syncCommand | |
| syncEqpt | |
| syncIfTimingHoldover | |
| syncIfTimingRef1Alarm | |
| syncIfTimingRef2Alarm | |
| SYNCLOSS | |
| syncMode | |
| syncOos | |

Table 3-1647 Condition (continued)

| Name | Value |
|------------------|-------|
| syncOosT4 | |
| syncRefFail | |
| syncRefUnEq | |
| syncStatChng | |
| syncSys | |
| syncSysOos | |
| syncT4Out | |
| sysBoot | |
| sysInit | |
| systemReady | |
| tBbeMs15Min | |
| tBbeMs1Day | |
| tBbeOdu15Min | |
| tBbeOdu15MinOut | |
| tBbeOdu1Day | |
| tBbeOdu1DayOut | |
| tBbeOtu15Min | |
| tBbeOtu1Day | |
| tBbeP15Min | |
| tBbeP1Day | |
| tBbePt15Min | |
| tBbePt1Day | |
| tBbeRs15Min | |
| tBbeRs1Day | |
| tBbeRst15Min | |
| tBbeRst1Day | |
| tBbeTcm15Min | |
| tBbeTcm1Day | |
| tBerPostFec15min | |
| tBerPostFec1day | |
| tBerPreFec15min | |
| tBerPreFec1day | |
| tBiaesOtu15Min | |

Table 3-1647 Condition (continued)

| Name | Value |
|----------------|-------|
| tBiaesOtu1Day | |
| tBiaesTcm15Min | |
| tBiaesTcm1Day | |
| tcmAis | |
| tCv15Min | |
| tCv1Day | |
| tCvPcs15Min | |
| tCvPcs1Day | |
| tCvPest15Min | |
| tCvPest1Day | |
| tCvs15Min | |
| tCvs1Day | |
| tCvst15Min | |
| tCvst1Day | |
| termOc192stm64 | |
| termOc312stm14 | |
| termOc48stm16 | |
| termOtu1 | |
| termOtu2 | |
| tEs15Min | |
| tEs1Day | |
| tEsL15Min | |
| tEsL1Day | |
| tEsMs15Min | |
| tEsMs1Day | |
| tEsOdu15Min | |
| tEsOdu15MinOut | |
| tEsOdu1Day | |
| tEsOdu1DayOut | |
| tEsOtu15Min | |
| tEsOtu1Day | |
| tEsP15Min | |
| tEsP1Day | |

Table 3-1647 Condition (continued)

| Name | Value |
|-------------------|-------|
| tEsPcs15Min | |
| tEsPcs1Day | |
| tEsPest15Min | |
| tEsPest1Day | |
| tEsPt15Min | |
| tEsPt1Day | |
| tEsRs15Min | |
| tEsRs1Day | |
| tEsRst15Min | |
| tEsRst1Day | |
| tEss15Min | |
| tEss1Day | |
| tEsst15Min | |
| tEsst1Day | |
| tEsTcm15Min | |
| tEsTcm1Day | |
| testMode | |
| tEthpkter15Min | |
| tEthpkter1Day | |
| tEthpktert15Min | |
| tEthpktert1Day | |
| tFebbeMs15Min | |
| tFebbeMs1Day | |
| tFebbeOdu15Min | |
| tFeBbeOdu15MinOut | |
| tFebbeOdu1Day | |
| tFeBbeOdu1DayOut | |
| tFebbeOtu15Min | |
| tFebbeOtu1Day | |
| tFebbeTcm15Min | |
| tFebbeTcm1Day | |
| tFecc15Min | |
| tFecc1Day | |

Table 3-1647 Condition (continued)

| Name | Value |
|-------------------|-------|
| tFecUbc15Min | |
| tFecUbc1Day | |
| tFecUbu15Min | |
| tFecUbu1Day | |
| tFeesMs15Min | |
| tFeesMs1Day | |
| tFeesOdu15Min | |
| tFeEsOdu15MinOut | |
| tFeesOdu1Day | |
| tFeEsOdu1DayOut | |
| tFeesOtu15Min | |
| tFeesOtu1Day | |
| tFeesTcm15Min | |
| tFeesTcm1Day | |
| tFesesMs15Min | |
| tFesesMs1Day | |
| tFesesOdu15Min | |
| tFeSesOdu15MinOut | |
| tFesesOdu1Day | |
| tFeSesOdu1DayOut | |
| tFesesOtu15Min | |
| tFesesOtu1Day | |
| tFesesTcm15Min | |
| tFesesTcm1Day | |
| tFeuasMs15Min | |
| tFeuasMs1Day | |
| tFeuasOdu15Min | |
| tFeUasOdu15MinOut | |
| tFeuasOdu1Day | |
| tFeUasOdu1DayOut | |
| tFeuasOtu15Min | |
| tFeuasOtu1Day | |
| tFeuasTcm15Min | |

Table 3-1647 Condition (continued)

| Name | Value |
|----------------|-------|
| tFeuasTcm1Day | |
| tIaesOtu15Min | |
| tIaesOtu1Day | |
| tIaesTcm15Min | |
| tIaesTcm1Day | |
| tim | |
| timOdu | |
| timOduOut | |
| timTcm | |
| toDDEG | |
| toDLOS | |
| TODREFUNSTABLE | |
| tOprh15Min | |
| tOprh1Day | |
| tOprhLane1 | |
| tOprhLane10 | |
| tOprhLane2 | |
| tOprhLane3 | |
| tOprhLane4 | |
| tOprhLane5 | |
| tOprhLane6 | |
| tOprhLane7 | |
| tOprhLane8 | |
| tOprhLane9 | |
| tOprl15Min | |
| tOprl1Day | |
| tOprlLane1 | |
| tOprlLane10 | |
| tOprlLane2 | |
| tOprlLane3 | |
| tOprlLane4 | |
| tOprlLane5 | |
| tOprlLane6 | |

Table 3-1647 Condition (continued)

| Name | Value |
|-------------------|-------|
| tOprlLane7 | |
| tOprlLane8 | |
| tOprlLane9 | |
| tOpth15Min | |
| tOpth1Day | |
| tOpthLane1 | |
| tOpthLane10 | |
| tOpthLane2 | |
| tOpthLane3 | |
| tOpthLane4 | |
| tOpthLane5 | |
| tOpthLane6 | |
| tOpthLane7 | |
| tOpthLane8 | |
| tOpthLane9 | |
| tOptl15Min | |
| tOptl1Day | |
| tOptlLane1 | |
| tOptlLane10 | |
| tOptlLane2 | |
| tOptlLane3 | |
| tOptlLane4 | |
| tOptlLane5 | |
| tOptlLane6 | |
| tOptlLane7 | |
| tOptlLane8 | |
| tOptlLane9 | |
| tPmonDmaBfd15Min | |
| tPmonDmaBfd1Day | |
| tPmonDmaffd15Min | |
| tPmonDmaffd1Day | |
| tPmonDmafFdv15Min | |
| tPmonDmafFdv1Day | |

Table 3-1647 Condition (continued)

| Name | Value |
|----------------------------------|-------|
| tPmonDmanfd15Min | |
| tPmonDmanfd1Day | |
| tPmonDmanFdv15Min | |
| tPmonDmanFdv1Day | |
| tPmonDmxBfd15Min | |
| tPmonDmxBfd1Day | |
| tPmonDmxffd15Min | |
| tPmonDmxffd1Day | |
| tPmonDmxfFdv15Min | |
| tPmonDmxfFdv1Day | |
| tPmonDmxnfd15Min | |
| tPmonDmxnfd1Day | |
| tPmonDmxnFdv15Min | |
| tPmonDmxnFdv1Day | |
| tPmonLmafflr15Min | |
| tPmonLmafflr1Day | |
| tPmonLmanflr15Min | |
| tPmonLmanflr1Day | |
| tPmonLmfhli15Min | |
| tPmonLmfhli1Day | |
| tPmonLmnhli15Min | |
| tPmonLmnhli1Day | |
| tPmonLmxfflr15Min | |
| tPmonLmxfflr1Day | |
| tPmonLmxnflr15Min | |
| tPmonLmxnflr1Day | |
| tPmonPortHighCapacityOctets15Min | |
| tPmonPortHighCapacityOctets1Day | |
| tPmonPortHighCapacityPkts15Min | |
| tPmonPortHighCapacityPkts1Day | |
| tPmonPortIfInDiscards15Min | |
| tPmonPortIfInDiscards1Day | |
| tPmonPortIfInErrors15Min | |

Table 3-1647 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortIfInErrors1Day | |
| tPmonPortIfInOctets15Min | |
| tPmonPortIfInOctets1Day | |
| tPmonPortIfInPackets | |
| tPmonPortIfInPackets15Min | |
| tPmonPortIfOutDiscards15Min | |
| tPmonPortIfOutDiscards1Day | |
| tPmonPortIfOutErrors15Min | |
| tPmonPortIfOutErrors1Day | |
| tPmonPortIfOutOctets15Min | |
| tPmonPortIfOutOctets1Day | |
| tPmonPortIfOutPackets15Min | |
| tPmonPortIfOutPackets1Day | |
| tPmonPortQueue1OctetsDropped15Min | |
| tPmonPortQueue1OctetsDropped1Day | |
| tPmonPortQueue1PktsDropped15Min | |
| tPmonPortQueue1PktsDropped1Day | |
| tPmonPortQueue2OctetsDropped15Min | |
| tPmonPortQueue2OctetsDropped1Day | |
| tPmonPortQueue2PktsDropped15Min | |
| tPmonPortQueue2PktsDropped1Day | |
| tPmonPortQueue3OctetsDropped15Min | |
| tPmonPortQueue3OctetsDropped1Day | |
| tPmonPortQueue3PktsDropped15Min | |
| tPmonPortQueue3PktsDropped1Day | |
| tPmonPortQueue4OctetsDropped15Min | |
| tPmonPortQueue4OctetsDropped1Day | |
| tPmonPortQueue4PktsDropped15Min | |
| tPmonPortQueue4PktsDropped1Day | |
| tPmonPortQueue5OctetsDropped15Min | |
| tPmonPortQueue5OctetsDropped1Day | |
| tPmonPortQueue5PktsDropped15Min | |
| tPmonPortQueue5PktsDropped1Day | |

Table 3-1647 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortQueue6OctetsDropped15Min | |
| tPmonPortQueue6OctetsDropped1Day | |
| tPmonPortQueue6PktsDropped15Min | |
| tPmonPortQueue6PktsDropped1Day | |
| tPmonPortQueue7OctetsDropped15Min | |
| tPmonPortQueue7OctetsDropped1Day | |
| tPmonPortQueue7PktsDropped15Min | |
| tPmonPortQueue7PktsDropped1Day | |
| tPmonPortQueue8OctetsDropped15Min | |
| tPmonPortQueue8OctetsDropped1Day | |
| tPmonPortQueue8PktsDropped15Min | |
| tPmonPortQueue8PktsDropped1Day | |
| tPmonSapIngressOctetsDropped15Min | |
| tPmonSapIngressOctetsDropped1Day | |
| tPmonSapIngressPktsDropped15Min | |
| tPmonSapIngressPktsDropped1Day | |
| tPmonSlmafflr15Min | |
| tPmonSlmafFlr1Day | |
| tPmonSlmafflrContinuous | |
| tPmonSlmanflr15Min | |
| tPmonSlmanFlr1Day | |
| tPmonSlmanflrContinuous | |
| tPmonSlmfhli15Min | |
| tPmonSlmfhli1Day | |
| tPmonSlmfhliContinuous | |
| tPmonSlmnhli15Min | |
| tPmonSlmnhli1Day | |
| tPmonSlmnhliContinuous | |
| tPmonSlmxfFlr1Day | |
| tPmonSlmxfflrContinuous | |
| tPmonSlmxnFlr1Day | |
| tPmonSlmxnflrContinuous | |
| tPostFec15Min | |

Table 3-1647 Condition (continued)

| Name | Value |
|------------------------------------|-------|
| tPostFec1Day | |
| tPreFec15Min | |
| tPreFec1Day | |
| trailTraceIdentifierMismatchEgress | |
| transferLogFL | |
| transferLogFT | |
| transferLogIP | |
| trmt | |
| trmtMOD | |
| TRUBRKROPEN | |
| tSefs15Min | |
| tSefs1Day | |
| tSefsPcs15Min | |
| tSefsPcs1Day | |
| tSefsPcst15Min | |
| tSefsPcst1Day | |
| tSefss15Min | |
| tSefss1Day | |
| tSefsst15Min | |
| tSefsst1Day | |
| tSes15Min | |
| tSes1Day | |
| tSesL15Min | |
| tSesL1Day | |
| tSesMs15Min | |
| tSesMs1Day | |
| tSesOdu15Min | |
| tSesOdu15MinOut | |
| tSesOdu1Day | |
| tSesOdu1DayOut | |
| tSesOtu15Min | |
| tSesOtu1Day | |
| tSesP15Min | |

Table 3-1647 Condition (continued)

| Name | Value |
|-----------------|-------|
| tSesP1Day | |
| tSesPcs15Min | |
| tSesPcs1Day | |
| tSesPcst15Min | |
| tSesPcst1Day | |
| tSesPt15Min | |
| tSesPt1Day | |
| tSesRs15Min | |
| tSesRs1Day | |
| tSesRst15Min | |
| tSesRst1Day | |
| tSess15Min | |
| tSess1Day | |
| tSesst15Min | |
| tSesst1Day | |
| tSesTcm15Min | |
| tSesTcm1Day | |
| tsMismatch | |
| tsMismatchOut | |
| tUasMs15Min | |
| tUasMs1Day | |
| tUasOdu15Min | |
| tUasOdu15MinOut | |
| tUasOdu1Day | |
| tUasOdu1DayOut | |
| tUasOtu15Min | |
| tUasOtu1Day | |
| tUasP15Min | |
| tUasP1Day | |
| tUasPt15Min | |
| tUasPt1Day | |
| tUasRs15Min | |
| tUasRs1Day | |

Table 3-1647 Condition (continued)

| Name | Value |
|------------------|-------|
| tUasRst15Min | |
| tUasRst1Day | |
| tUasTcm15Min | |
| tUasTcm1Day | |
| unexWkSet | |
| unknown | |
| unknownNotif | |
| unknownSfpXfp | |
| unL | |
| unM | |
| unMOrUnP | |
| unP | |
| unPr | |
| upm | |
| uruOchLos | |
| uruOmsRx | |
| uruOmsTx | |
| uruOtsLos | |
| uruOtsRx | |
| uruOtsTx | |
| uruOtu | |
| uruS | |
| usAis | |
| usAls | |
| userEqptMismatch | |
| usFlt | |
| usIdle | |
| usLos | |
| usOchCollision | |
| usSFEber | |
| vcgDown | |
| vcgLoa | |
| vcgMap | |

Table 3-1647 Condition (continued)

| Name | Value |
|-----------------|-------|
| vcgSsf | |
| vcMfi | |
| voltage | |
| voltageHigh | |
| voltageLow | |
| vtsConnCreation | |
| vtsFdi | |
| vtsFdi1 | |
| vtsFdi10 | |
| vtsFdi11 | |
| vtsFdi12 | |
| vtsFdi13 | |
| vtsFdi14 | |
| vtsFdi15 | |
| vtsFdi16 | |
| vtsFdi17 | |
| vtsFdi18 | |
| vtsFdi19 | |
| vtsFdi2 | |
| vtsFdi20 | |
| vtsFdi21 | |
| vtsFdi22 | |
| vtsFdi23 | |
| vtsFdi24 | |
| vtsFdi25 | |
| vtsFdi26 | |
| vtsFdi27 | |
| vtsFdi28 | |
| vtsFdi29 | |
| vtsFdi3 | |
| vtsFdi30 | |
| vtsFdi31 | |
| vtsFdi32 | |

Table 3-1647 Condition (continued)

| Name | Value |
|----------|-------|
| vtsFdi4 | |
| vtsFdi5 | |
| vtsFdi6 | |
| vtsFdi7 | |
| vtsFdi8 | |
| vtsFdi9 | |
| vtsOci | |
| vtsOci1 | |
| vtsOci10 | |
| vtsOci11 | |
| vtsOci12 | |
| vtsOci13 | |
| vtsOci14 | |
| vtsOci15 | |
| vtsOci16 | |
| vtsOci17 | |
| vtsOci18 | |
| vtsOci19 | |
| vtsOci2 | |
| vtsOci20 | |
| vtsOci21 | |
| vtsOci22 | |
| vtsOci23 | |
| vtsOci24 | |
| vtsOci25 | |
| vtsOci26 | |
| vtsOci27 | |
| vtsOci28 | |
| vtsOci29 | |
| vtsOci3 | |
| vtsOci30 | |
| vtsOci31 | |
| vtsOci32 | |

Table 3-1647 Condition (continued)

| Name | Value |
|-------------------|-------|
| vtsOci4 | |
| vtsOci5 | |
| vtsOci6 | |
| vtsOci7 | |
| vtsOci8 | |
| vtsOci9 | |
| warnTca | |
| wkSwBk | |
| wkSwPr | |
| wkSwPrVTS1 | |
| wkSwPrVTS10 | |
| wkSwPrVTS2 | |
| wkSwPrVTS3 | |
| wkSwPrVTS4 | |
| wkSwPrVTS5 | |
| wkSwPrVTS6 | |
| wkSwPrVTS7 | |
| wkSwPrVTS8 | |
| wkSwPrVTS9 | |
| wtocmaPoutRanOsnr | |
| wtr | |

Default Severity**Table 3-1648 Default Severity**

| Name | Value |
|-----------------------|------------------|
| Description | Default severity |
| Displayed name | Default Severity |
| Mandatory on creation | yes |
| OSS name | defaultSeverity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |

Table 3-1648 Default Severity (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

Direction**Table 3-1649 Direction**

| Name | Value |
|--------------------------|--|
| Description | The direction to which the new category will be applied. |
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General General |
| Type | AlarmCategoryDirection |
| Enumerated types: | |
| None | |
| RX | |
| TX | |

LAG ID
Table 3-1650 LAG ID

| Name | Value |
|----------------|-----------------|
| Displayed name | LAG ID |
| OSS name | lagId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Override Severity**Table 3-1651 Override Severity**

| Name | Value |
|--------------------------|-------------------|
| Description | Override severity |
| Displayed name | Override Severity |
| OSS name | severity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

LAG Member parameters

Active/Standby

Table 3-1652 Active/Standby

| Name | Value |
|--------------------------|--------------------|
| Default | yes:Active |
| Displayed name | Active/Standby |
| OSS name | activeStdby |
| Read-only | yes |
| Tab Panel | General LAG Member |
| Type | ActiveStdbyEnum |
| Enumerated types: | |
| | Active |
| | Standby |

Actual Maximum Frame Size

Table 3-1653 Actual Maximum Frame Size

| Name | Value |
|----------------|---------------------------|
| Default | yes:1500 |
| Displayed name | Actual Maximum Frame Size |
| OSS name | actualMtu |
| Read-only | yes |
| Tab Panel | Port General |
| Type | INT |
| Units | bytes |

Admin Key

Table 3-1654 Admin Key

| Name | Value |
|----------------|-----------|
| Default | yes:0 |
| Displayed name | Admin Key |
| Maximum | 65535 |
| Minimum | 0 |

Table 3-1654 Admin Key (continued)

| Name | Value |
|-------------|-------------------|
| OSS name | portActorAdminKey |
| Read-only | no |
| Tab Panel | General Actor |
| Type | INT |

Admin Key**Table 3-1655 Admin Key**

| Name | Value |
|----------------|---------------------|
| Default | yes:0 |
| Displayed name | Admin Key |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | portPartnerAdminKey |
| Read-only | no |
| Tab Panel | General Partner |
| Type | INT |

Admin Port**Table 3-1656 Admin Port**

| Name | Value |
|----------------|----------------------|
| Default | yes:0 |
| Displayed name | Admin Port |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | portPartnerAdminPort |
| Read-only | no |
| Tab Panel | General Partner |
| Type | INT |

Admin Port Priority**Table 3-1657 Admin Port Priority**

| Name | Value |
|----------------|------------------------------|
| Default | yes:0 |
| Displayed name | Admin Port Priority |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | portPartnerAdminPortPriority |
| Read-only | no |
| Tab Panel | General Partner |
| Type | INT |

Admin State**Table 3-1658 Admin State**

| Name | Value |
|--------------------------|-----------------|
| Default | yes:226 |
| Displayed name | Admin State |
| OSS name | actorAdminState |
| Read-only | no |
| Tab Panel | General Actor |
| Type | LacpState |
| Enumerated types: | |
| Aggregation | |
| Collecting | |
| Defaulted | |
| Distributing | |
| Expired | |
| Lacp Activity | |
| Lacp Timeout | |
| Synchronization | |

Admin State
Table 3-1659 Admin State

| Name | Value |
|--------------------------|-------------------|
| Default | yes:46 |
| Displayed name | Admin State |
| OSS name | partnerAdminState |
| Read-only | no |
| Tab Panel | General Partner |
| Type | LacpState |
| Enumerated types: | |
| Aggregation | |
| Collecting | |
| Defaulted | |
| Distributing | |
| Expired | |
| Lacp Activity | |
| Lacp Timeout | |
| Synchronization | |

Admin System Id**Table 3-1660 Admin System Id**

| Name | Value |
|----------------|--------------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Admin System Id |
| OSS name | portPartnerAdminSystemId |
| Read-only | no |
| Tab Panel | General Partner |
| Type | MACADDR |

Admin System Priority**Table 3-1661 Admin System Priority**

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 3-1661 Admin System Priority (continued)

| Name | Value |
|----------------|--------------------------------|
| Displayed name | Admin System Priority |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | portPartnerAdminSystemPriority |
| Read-only | no |
| Tab Panel | General Partner |
| Type | INT |

Attached LAG ID**Table 3-1662 Attached LAG ID**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Attached LAG ID |
| Maximum | 4 |
| Minimum | 0 |
| OSS name | attachedLagId |
| Read-only | no |
| Tab Panel | General LAG Member |
| Type | INT |

Encapsulation Type**Table 3-1663 Encapsulation Type**

| Name | Value |
|----------------|-------------------------|
| Default | yes:unspecified |
| Displayed name | Encapsulation Type |
| OSS name | encapType |
| Read-only | no |
| Tab Panel | Port General |
| Type | equipment.PortEncapType |

Inner Encapsulation Value
Table 3-1664 Inner Encapsulation Value

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Provisioned inner encap value. This value is propagated into: terminatedPortInnerEncapValue. |
| Displayed name | Inner Encapsulation Value |
| OSS name | innerEncapValue |
| Read-only | no |
| Tab Panel | Port General |
| Type | INT |

LACP**Table 3-1665 LACP**

| Name | Value |
|----------------|---------------------------------|
| Default | yes:disabled |
| Description | static or Dynamic(LACP enabled) |
| Displayed name | LACP |
| OSS name | lacpEnabled |
| Read-only | yes |
| Tab Panel | General LAG Member |
| Type | INT |

LAG ID**Table 3-1666 LAG ID**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | LAG ID |
| OSS name | lagId |
| Read-only | yes |
| Tab Panel | General LAG Member |
| Type | INT |

Maximum Frame Size Mismatch**Table 3-1667 Maximum Frame Size Mismatch**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value is set to 'true' when the provisioned MTU value is greater than the actual MTU value (provisionedMtu > actualMtu). |
| Displayed name | Maximum Frame Size Mismatch |
| OSS name | mtuMismatch |
| Read-only | yes |
| Tab Panel | Port General |
| Type | BOOL |

Member Name**Table 3-1668 Member Name**

| Name | Value |
|-----------------------|--------------------|
| Default | yes: |
| Displayed name | Member Name |
| Mandatory on creation | yes |
| Maximum | 252 |
| OSS name | memberName |
| Read-only | no |
| Tab Panel | General LAG Member |
| Type | STRING |

Number of Rx Illegal Packets**Table 3-1669 Number of Rx Illegal Packets**

| Name | Value |
|----------------|------------------------------|
| Default | yes:0 |
| Displayed name | Number of Rx Illegal Packets |
| OSS name | portIllegalPackets |
| Read-only | no |
| Tab Panel | General Statistics |
| Type | INT |

Number of Rx LACP Packets**Table 3-1670 Number of Rx LACP Packets**

| Name | Value |
|----------------|---------------------------|
| Default | yes:0 |
| Displayed name | Number of Rx LACP Packets |
| OSS name | portRxLacpPackets |
| Read-only | no |
| Tab Panel | General Statistics |
| Type | INT |

Number of Tx LACP Packets**Table 3-1671 Number of Tx LACP Packets**

| Name | Value |
|----------------|---------------------------|
| Default | yes:0 |
| Displayed name | Number of Tx LACP Packets |
| OSS name | portTxLacpPackets |
| Read-only | no |
| Tab Panel | General Statistics |
| Type | INT |

Number of Unknown Packets**Table 3-1672 Number of Unknown Packets**

| Name | Value |
|----------------|---------------------------|
| Default | yes:0 |
| Displayed name | Number of Unknown Packets |
| OSS name | portUnknownPackets |
| Read-only | no |
| Tab Panel | General Statistics |
| Type | INT |

Oper Key
Table 3-1673 Oper Key

| Name | Value |
|----------------|------------------|
| Default | yes:0 |
| Displayed name | Oper Key |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | portActorOperKey |
| Read-only | yes |
| Tab Panel | General Actor |
| Type | INT |

Oper Port Priority**Table 3-1674 Oper Port Priority**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:0 |
| Displayed name | Oper Port Priority |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | portPartnerOperPortPriority |
| Read-only | yes |
| Tab Panel | General Partner |
| Type | INT |

Oper State**Table 3-1675 Oper State**

| Name | Value |
|--------------------------|----------------|
| Displayed name | Oper State |
| OSS name | actorOperState |
| Read-only | no |
| Tab Panel | General Actor |
| Type | LacpState |
| Enumerated types: | |

Table 3-1675 Oper State (continued)

| Name | Value |
|-----------------|-------|
| Aggregation | |
| Collecting | |
| Defaulted | |
| Distributing | |
| Expired | |
| Lacp Activity | |
| Lacp Timeout | |
| Synchronization | |

Operational Port Number**Table 3-1676 Operational Port Number**

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | Operational Port Number |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | portPartnerNumber |
| Read-only | no |
| Tab Panel | General Partner |
| Type | INT |

Outer Encapsulation Value**Table 3-1677 Outer Encapsulation Value**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Provisioned outer encap value. This value is propagated into: terminatedPortOuterEncapValue. |
| Displayed name | Outer Encapsulation Value |
| OSS name | outerEncapValue |
| Read-only | no |
| Tab Panel | Port General |

Table 3-1677 Outer Encapsulation Value (continued)

| Name | Value |
|------|-------|
| Type | INT |

Partner Oper Key**Table 3-1678 Partner Oper Key**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Partner Oper Key |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | portPartnerOperKey |
| Read-only | no |
| Tab Panel | General Partner |
| Type | INT |

Partner Oper Port**Table 3-1679 Partner Oper Port**

| Name | Value |
|----------------|---------------------|
| Default | yes:0 |
| Displayed name | Partner Oper Port |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | portPartnerOperPort |
| Read-only | yes |
| Tab Panel | General Partner |
| Type | INT |

Partner Oper State**Table 3-1680 Partner Oper State**

| Name | Value |
|----------------|--------------------|
| Displayed name | Partner Oper State |

Table 3-1680 Partner Oper State (continued)

| Name | Value |
|--------------------------|------------------|
| OSS name | partnerOperState |
| Read-only | no |
| Tab Panel | General Partner |
| Type | LacpState |
| Enumerated types: | |
| Aggregation | |
| Collecting | |
| Defaulted | |
| Distributing | |
| Expired | |
| Lacp Activity | |
| Lacp Timeout | |
| Synchronization | |

Partner Oper System Id

Table 3-1681 Partner Oper System Id

| Name | Value |
|----------------|-------------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Partner Oper System Id |
| OSS name | portPartnerOperSystemId |
| Read-only | yes |
| Tab Panel | General Partner |
| Type | MACADDR |

Partner Oper System Priority

Table 3-1682 Partner Oper System Priority

| Name | Value |
|----------------|------------------------------|
| Default | yes:0 |
| Displayed name | Partner Oper System Priority |
| Maximum | 65535 |
| Minimum | 0 |

Table 3-1682 Partner Oper System Priority (continued)

| Name | Value |
|-------------|-------------------------------|
| OSS name | portPartnerOperSystemPriority |
| Read-only | yes |
| Tab Panel | General Partner |
| Type | INT |

Port**Table 3-1683 Port**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Port |
| Maximum | 252 |
| OSS name | portName |
| Read-only | yes |
| Tab Panel | Port General |
| Type | STRING |

Port ID**Table 3-1684 Port ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0 |
| Displayed name | Port ID |
| OSS name | portId |
| Read-only | yes |
| Tab Panel | Port General |
| Type | LONG |

Port Number**Table 3-1685 Port Number**

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 3-1685 Port Number (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Port Number |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | portActorNumber |
| Read-only | no |
| Tab Panel | General Actor |
| Type | INT |

Primary Member**Table 3-1686 Primary Member**

| Name | Value |
|----------------|--------------------|
| Default | yes:false |
| Displayed name | Primary Member |
| OSS name | isPrimaryLagMember |
| Read-only | yes |
| Tab Panel | General LAG Member |
| Type | BOOL |

Priority**Table 3-1687 Priority**

| Name | Value |
|----------------|--------------------|
| Default | yes:32768 |
| Displayed name | Priority |
| Maximum | 65535 |
| Minimum | 1 |
| OSS name | priority |
| Read-only | no |
| Tab Panel | General LAG Member |
| Type | INT |

Provisioned Maximum Frame Size
Table 3-1688 Provisioned Maximum Frame Size

| Name | Value |
|----------------|--------------------------------|
| Default | yes:1500 |
| Displayed name | Provisioned Maximum Frame Size |
| OSS name | provisionedMtu |
| Read-only | yes |
| Tab Panel | Port General |
| Type | INT |
| Units | bytes |

Selected LAG ID**Table 3-1689 Selected LAG ID**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Selected LAG ID |
| Maximum | 4 |
| Minimum | 0 |
| OSS name | selectedLagId |
| Read-only | no |
| Tab Panel | General LAG Member |
| Type | INT |

Site ID**Table 3-1690 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name
Table 3-1691 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Sub-Group ID**Table 3-1692 Sub-Group ID**

| Name | Value |
|--------------------------|--------------------|
| Default | yes:1 |
| Displayed name | Sub-Group ID |
| OSS name | subGroupId |
| Read-only | no |
| Tab Panel | General LAG Member |
| Type | SubGroupIdEnum |
| Enumerated types: | |
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| auto_iom | |
| auto_mda | |

System Id

Table 3-1693 System Id

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | System Id |
| OSS name | portActorSystemId |
| Read-only | no |
| Tab Panel | General Actor |
| Type | MACADDR |

System Priority

Table 3-1694 System Priority

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | System Priority |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | portActorSystemPriority |
| Read-only | no |
| Tab Panel | General Actor |
| Type | INT |

Underlying Port State

Table 3-1695 Underlying Port State

| Name | Value |
|----------------|---|
| Default | yes:noAssociation |
| Description | State of the underlying resource. (An underlying resource is for example a netw.ConnectionTerminationPoint) |
| Displayed name | Underlying Port State |
| OSS name | underlyingResourceState |
| Read-only | yes |
| Tab Panel | Port General |
| Type | UnderlyingResourceState |

LAG parameters

Accounting Policy

Table 3-1696 Accounting Policy

| Name | Value |
|----------------|-------------------------------|
| Default | yes: |
| Displayed name | Accounting Policy |
| OSS name | accountingPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Accounting |
| Type | POINTER |

Accounting Policy

Table 3-1697 Accounting Policy

| Name | Value |
|----------------|--------------------------------------|
| Default | yes: |
| Displayed name | Accounting Policy |
| OSS name | etherAccountingPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Ethernet Accounting |
| Type | POINTER |

Actual Speed

Table 3-1698 Actual Speed

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Actual Speed |
| OSS name | actualSpeed |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |
| Units | kbps |

Administrative State**Table 3-1699 Administrative State**

| Name | Value |
|----------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General Equipment |
| Type | AdministrativeState |

Administrative State**Table 3-1700 Administrative State**

| Name | Value |
|----------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | AdministrativeState |

Administrative State**Table 3-1701 Administrative State**

| Name | Value |
|----------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | AdministrativeState |

Auto Rebalance
Table 3-1702 Auto Rebalance

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether to re-balance automatically when there is a class and weight based balanced distribution of traffic egressing on the objects configured on the LAG. |
| Displayed name | Auto Rebalance |
| OSS name | autoRebalance |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Automatic VLAN Binding**Table 3-1703 Automatic VLAN Binding**

| Name | Value |
|----------------|------------------------|
| Default | yes:true |
| Displayed name | Automatic VLAN Binding |
| OSS name | vlanAutoBind |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Background Diagnostics Fault Reason**Table 3-1704 Background Diagnostics Fault Reason**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Displayed name | Background Diagnostics Fault Reason |
| OSS name | backgroundDiagnosticsFaultReason |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Background Diagnostics State
Table 3-1705 Background Diagnostics State

| Name | Value |
|----------------|--------------------------------|
| Default | yes:unknown |
| Displayed name | Background Diagnostics State |
| OSS name | backgroundDiagnosticsState |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | BackgroundDiagnosticsStateType |

Bandwidth**Table 3-1706 Bandwidth**

| Name | Value |
|----------------|---|
| Description | The LAG Speed. |
| Displayed name | Bandwidth |
| OSS name | lagBandwidth |
| Read-only | yes |
| Tab Panel | Link Aggregation Group Bandwidth Attributes |
| Type | LONG |
| Units | Mbps |

Class**Table 3-1707 Class**

| Name | Value |
|----------------|-----------------|
| Default | yes:none |
| Displayed name | Class |
| OSS name | portClass |
| Read-only | yes |
| Tab Panel | General General |
| Type | PortClass |

CLEI Code
Table 3-1708 CLEI Code

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General Equipment Location Codes |
| Type | STRING |

CLI Name**Table 3-1709 CLI Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | CLI Name |
| Maximum | 252 |
| OSS name | portName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Collect Accounting Statistics**Table 3-1710 Collect Accounting Statistics**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:true |
| Displayed name | Collect Accounting Statistics |
| OSS name | collectStats |
| Read-only | no |
| Tab Panel | Policies.General Accounting |
| Type | BOOL |

Collect Accounting Statistics
Table 3-1711 Collect Accounting Statistics

| Name | Value |
|----------------|--------------------------------------|
| Default | yes:false |
| Displayed name | Collect Accounting Statistics |
| OSS name | etherCollectStats |
| Read-only | no |
| Tab Panel | Policies.General Ethernet Accounting |
| Type | BOOL |

Combiner**Table 3-1712 Combiner**

| Name | Value |
|----------------|---|
| Default | yes:disable |
| Description | Enable/Disable Combiner(SD)function on MPT. |
| Displayed name | Combiner |
| OSS name | mptCombiner |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | LONG |

Configured Address**Table 3-1713 Configured Address**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Configured Address |
| OSS name | macAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | MACADDR |

Configured Speed
Table 3-1714 Configured Speed

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | This property specifies the total configured speed of the LAG. This is calculated from the "speed" property of the Ports which are LAG Members. As the "speed" is an ENUM, it can have a speed value which is an integer (X Gbps, Y Mbps, etc.) or it can have a String value (Line Rate, Auto Speed, etc.), hence this property is defined as a STRING to take care of both the cases. We try to get the integer value first and add it to come up with the total value, in case we don't have an integer value and have an ENUM, we set the value of this property to ENUM itself. |
| Displayed name | Configured Speed |
| Maximum | 25 |
| OSS name | lagConfiguredSpeed |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Containing Equipment Status**Table 3-1715 Containing Equipment Status**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:indeterminate |
| Displayed name | Containing Equipment Status |
| OSS name | containingEquipmentState |
| Read-only | yes |
| Tab Panel | States General |
| Type | ContainingEquipmentState |

Description**Table 3-1716 Description**

| Name | Value |
|----------------|-------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 256 |
| Minimum | 0 |

Table 3-1716 Description (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Description

Table 3-1717 Description

| Name | Value |
|----------------|---|
| Default | no |
| Description | This property is specific to AOS family |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | portAccessDescription |
| Read-only | no |
| Tab Panel | General Service Access Info |
| Type | STRING |

Disable Soft Reset Extension

Table 3-1718 Disable Soft Reset Extension

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This property specifies if the extension of BFD timers during soft reset is disabled. |
| Displayed name | Disable Soft Reset Extension |
| OSS name | lagBfdDisableSoftReset |
| Read-only | no |
| Tab Panel | General BFD |
| Type | BOOL |

Dynamic Cost
Table 3-1719 Dynamic Cost

| Name | Value |
|----------------|--------------------------------|
| Default | yes:false |
| Displayed name | Dynamic Cost |
| OSS name | dynamicCosting |
| Read-only | no |
| Tab Panel | Link Aggregation Group General |
| Type | BOOL |

Egress Available Bandwidth**Table 3-1720 Egress Available Bandwidth**

| Name | Value |
|----------------|---|
| Description | Indicate the remaining Egress Bandwidth of the LAG. |
| Displayed name | Egress Available Bandwidth |
| OSS name | lagEgressAvailBandwidth |
| Read-only | yes |
| Tab Panel | Link Aggregation Group Bandwidth Attributes |
| Type | LONG |
| Units | Mbps |

Enable DEI**Table 3-1721 Enable DEI**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether or not the LAG is enabled for color-aware policing using DEI bits. |
| Displayed name | Enable DEI |
| OSS name | enableDei |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Enable LAG Access Including Egress Hash Config
Table 3-1722 Enable LAG Access Including Egress Hash Config

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | LagIncludeEgrHashCfg value specifies whether explicitly configured hashing should factor into the egress buffering and rate distribution (LagAccessAdaptQos). When the value of LagIncludeEgrHashCfg is set to true, all SAPs on this LAG which have explicit hashing configured, the egress HQos and HPol (including queues, policers, schedulers and arbiters) will receive 100% of the configured bandwidth (essentially operating in adapt-qos link mode). For any Multi-Service-Sites assigned to such a LAG, bandwidth will continue to be divided according to adapt-qos distribute mode. An 'inconsistentValue' error is returned if LagIncludeEgrHashCfg is set to true and LagAccessAdaptQos is set to link mode. |
| Displayed name | Enable LAG Access Including Egress Hash Config |
| OSS name | includeEgrHashCfg |
| Read-only | no |
| Tab Panel | Access Adapt Qos |
| Type | BOOL |

Enable Per Forwarding Path Egress Queue**Table 3-1723 Enable Per Forwarding Path Egress Queue**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value of LagPerFpEgrQueuing specifies whether a more efficient method of queue allocation for LAG SAPs should be utilized. An 'inconsistentValue' error is returned if this object is set to a different value when there are existing port members in the LAG |
| Displayed name | Enable Per Forwarding Path Egress Queue |
| OSS name | perFpEgrQueuing |
| Read-only | no |
| Tab Panel | Access General |
| Type | BOOL |

Enable Per Forwarding Path Ingress Queue**Table 3-1724 Enable Per Forwarding Path Ingress Queue**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-1724 Enable Per Forwarding Path Ingress Queue (continued)

| Name | Value |
|----------------|---|
| Description | LagPerFpIngQueuing value specifies whether a more efficient method of queue allocation for LAG SAPs should be utilized. An 'inconsistentValue' error is returned if this object is set to a different value when there are existing port members in the LAG |
| Displayed name | Enable Per Forwarding Path Ingress Queue |
| OSS name | perFpIngQueuing |
| Read-only | no |
| Tab Panel | Access General |
| Type | BOOL |

Enable SAP Per Flex Path**Table 3-1725 Enable SAP Per Flex Path**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | The value of perFpSapInstance specifies whether a more efficient method of SAP allocation for LAG SAP's should be utilized. This object may only be set to true, if both tLagPerFpIngQueuing and tLagPerFpEgrQueuing are set to true. An 'inconsistentValue' error is returned if this object is set to false, when there are existing port members in the LAG. |
| Displayed name | Enable SAP Per Flex Path |
| OSS name | perFpSapInstance |
| Read-only | no |
| Tab Panel | Access General |
| Type | BOOL |

Encap Type**Table 3-1726 Encap Type**

| Name | Value |
|----------------|-----------------|
| Default | yes:nullEncap |
| Displayed name | Encap Type |
| OSS name | encapType |
| Read-only | no |
| Tab Panel | General General |
| Type | PortEncapType |

Equipped
Table 3-1727 Equipped

| Name | Value |
|----------------|----------------|
| Default | yes:false |
| Displayed name | Equipped |
| OSS name | isEquipped |
| Read-only | yes |
| Tab Panel | States General |
| Type | BOOL |

Firmware Revision Status**Table 3-1728 Firmware Revision Status**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:notApplicable |
| Displayed name | Firmware Revision Status |
| OSS name | hwFirmwareRevisionStatus |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | HwFirmwareRevisionStatusTypes |

Hardware Address**Table 3-1729 Hardware Address**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Hardware Address |
| OSS name | hwMacAddress |
| Read-only | yes |
| Tab Panel | General General |
| Type | MACADDR |

Hardware Class

Table 3-1730 Hardware Class

| Name | Value |
|----------------|------------------------------|
| Default | no |
| Displayed name | Hardware Class |
| OSS name | hardwareClass |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | HardwareClassType |

Hash

Table 3-1731 Hash

| Name | Value |
|--------------------------|--|
| Default | yes:l2 |
| Description | LAG Hash Type. This property is specific to 9500 MPR family. |
| Displayed name | Hash |
| OSS name | lagAggrHashing |
| Read-only | no |
| Tab Panel | Link Aggregation Group General |
| Type | LagAggrHashType |
| Enumerated types: | |
| | L1 |
| | L2 |
| | L3 |

Hold Time Down

Table 3-1732 Hold Time Down

| Name | Value |
|----------------|----------------|
| Default | yes:0 |
| Displayed name | Hold Time Down |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | holdTimeDown |

Table 3-1732 Hold Time Down (continued)

| Name | Value |
|-------------|-------------------|
| Read-only | no |
| Tab Panel | General Hold Time |
| Type | INT |
| Units | seconds |

Hold Time Units**Table 3-1733 Hold Time Units**

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Hold Time Units |
| OSS name | holdTimeUnits |
| Read-only | no |
| Tab Panel | General Hold Time |
| Type | HoldTimeUnitsType |

Hold Time Up**Table 3-1734 Hold Time Up**

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Hold Time Up |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | holdTimeUp |
| Read-only | no |
| Tab Panel | General Hold Time |
| Type | INT |
| Units | seconds |

Holding IGH
Table 3-1735 Holding IGH

| Name | Value |
|----------------|------------------------------------|
| Default | yes: |
| Description | ECMP fate sharing group membership |
| Displayed name | Holding IGH |
| OSS name | memberOfIGH |
| Read-only | yes |
| Tab Panel | General IGH Membership |
| Type | POINTER |

HSM DA Egress Scheduler Policy**Table 3-1736 HSM DA Egress Scheduler Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the hsm da scheduler policy used by this port |
| Displayed name | HSM DA Egress Scheduler Policy |
| OSS name | portEgrHsm daSchedulerPolicy |
| Read-only | no |
| Tab Panel | Policies.General HSM DA Scheduler |
| Type | POINTER |

Ingress Available Bandwidth**Table 3-1737 Ingress Available Bandwidth**

| Name | Value |
|----------------|--|
| Description | Indicate the remaining Ingress Bandwidth of the LAG. |
| Displayed name | Ingress Available Bandwidth |
| OSS name | lagIngressAvailBandwidth |
| Read-only | yes |
| Tab Panel | Link Aggregation Group Bandwidth Attributes |
| Type | LONG |
| Units | Mbps |

Interface ID
Table 3-1738 Interface ID

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Interface ID |
| OSS name | snmpPortId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

L2 Profile**Table 3-1739 L2 Profile**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Pointer to the L2 Profile Policy object. |
| Displayed name | L2 Profile |
| OSS name | l2ProfilePointer |
| Read-only | no |
| Tab Panel | Policies.General L2 Profile |
| Type | POINTER |

L2 Profile**Table 3-1740 L2 Profile**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Pointer to the L2 Profile Policy object. |
| Displayed name | L2 Profile |
| OSS name | l2ProfilePointer |
| Read-only | no |
| Tab Panel | Policies L2 Profile |
| Type | POINTER |

L2Uplink

Table 3-1741 L2Uplink

| Name | Value |
|----------------|-----------------|
| Default | yes:false |
| Displayed name | L2Uplink |
| OSS name | isl2UplinkMode |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Lag Aggregation Type

Table 3-1742 Lag Aggregation Type

| Name | Value |
|--------------------------|---|
| Default | yes:radioL2 |
| Description | LAG Aggregation Type. This property is specific to 9500 MPR family. |
| Displayed name | Lag Aggregation Type |
| Mandatory on creation | yes |
| OSS name | lagAggrType |
| Read-only | no |
| Tab Panel | Link Aggregation Group General |
| Type | LagAggrType |
| Enumerated types: | |
| Ethernet | |
| Radio L1 | |
| Radio L2 | |

LAG ID

Table 3-1743 LAG ID

| Name | Value |
|-----------------------|--------|
| Default | yes:0 |
| Displayed name | LAG ID |
| Mandatory on creation | yes |
| Maximum | 800 |

Table 3-1743 LAG ID (continued)

| Name | Value |
|-------------|-----------------|
| Minimum | 1 |
| OSS name | lagId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Link Trap**Table 3-1744 Link Trap**

| Name | Value |
|----------------|-----------------|
| Default | yes:disable |
| Displayed name | Link Trap |
| OSS name | linkTrap |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Link Up**Table 3-1745 Link Up**

| Name | Value |
|----------------|----------------|
| Default | yes:false |
| Displayed name | Link Up |
| OSS name | isLinkUp |
| Read-only | yes |
| Tab Panel | States General |
| Type | BOOL |

Load Balance Algorithm**Table 3-1746 Load Balance Algorithm**

| Name | Value |
|---------|-------------------|
| Default | yes:notApplicable |

Table 3-1746 Load Balance Algorithm (continued)

| Name | Value |
|----------------|---|
| Description | Specifies the load balancing algorithm to be used on this port. |
| Displayed name | Load Balance Algorithm |
| OSS name | loadBalanceAlgorithm |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.PortLoadBalanceAlgorithm |

LOS Propagation**Table 3-1747 LOS Propagation**

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:laserOn |
| Description | The LOS propagation of LAG. |
| Displayed name | LOS Propagation |
| OSS name | lagLosProp |
| Read-only | no |
| Tab Panel | Link Aggregation Group General |
| Type | LosPropagation |
| Enumerated types: | |
| LASER OFF | |
| LASER ON | |

LPT Consequent Action**Table 3-1748 LPT Consequent Action**

| Name | Value |
|----------------|--|
| Default | yes:noAction |
| Description | Indicates the Lag LPT ConsequenceAction. |
| Displayed name | LPT Consequent Action |
| OSS name | laglptConsequenceAction |
| Read-only | no |
| Tab Panel | Link Aggregation Group General |
| Type | LptCActionType |

Table 3-1748 LPT Consequent Action (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Disable | |
| Shutdown All | |
| Shutdown Any | |

Manufacture Date**Table 3-1749 Manufacture Date**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacture Date |
| Maximum | 252 |
| OSS name | manufactureDate |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturer**Table 3-1750 Manufacturer**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturer |
| Maximum | 252 |
| OSS name | manufacturer |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Assembly No**Table 3-1751 Manufacturing Assembly No**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Assembly No |
| OSS name | manufacturingAssemblyNo |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Deviations**Table 3-1752 Manufacturing Deviations**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Deviations |
| OSS name | manufacturingDeviations |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Variant**Table 3-1753 Manufacturing Variant**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Variant |
| OSS name | manufacturingVariant |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

MC LAG Info**Table 3-1754 MC LAG Info**

| Name | Value |
|----------------|---------------------------|
| Default | yes: |
| Displayed name | MC LAG Info |
| OSS name | aosMultiChassisLagPointer |
| Read-only | yes |
| Tab Panel | General MC LAG Member |
| Type | POINTER |

MC LAG Member Info**Table 3-1755 MC LAG Member Info**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | MC LAG Member Info |
| OSS name | multiChassisLagMemberPointer |
| Read-only | yes |
| Tab Panel | General MC LAG Member |
| Type | POINTER |

Min Size**Table 3-1756 Min Size**

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | Minimum number of ports that should be attached to LAG to make LAG operationally UP. |
| Displayed name | Min Size |
| Maximum | 8 |
| OSS name | lagMinSize |
| Read-only | no |
| Tab Panel | Link Aggregation Group General |
| Type | INT |

Mode**Table 3-1757 Mode**

| Name | Value |
|----------------|-----------------|
| Default | yes:undefined |
| Displayed name | Mode |
| OSS name | mode |
| Read-only | no |
| Tab Panel | General General |
| Type | PortMode |

MTU**Table 3-1758 MTU**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | MTU |
| OSS name | mtuValue |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |
| Units | bytes |

MTU**Table 3-1759 MTU**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Displayed name | MTU |
| OSS name | mtuValue |
| Read-only | no |
| Tab Panel | Link Aggregation Group Bandwidth Attributes |
| Type | INT |
| Units | bytes |

Name**Table 3-1760 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Name**Table 3-1761 Name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Name of the aggregator is human readable string manually given by the operator. This property is specific to the Alcatel OmniSwitch family of products. This property is also applicable to MPR 9500 family. |
| Displayed name | Name |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | lagName |
| Read-only | no |
| Tab Panel | Link Aggregation Group General |
| Type | STRING |

Network Queue Policy Name**Table 3-1762 Network Queue Policy Name**

| Name | Value |
|----------------|---------------------------|
| Default | yes:default |
| Displayed name | Network Queue Policy Name |
| Maximum | 32 |
| Minimum | 1 |

Table 3-1762 Network Queue Policy Name (continued)

| Name | Value |
|-------------|--------------------------------|
| OSS name | networkQueuePolicyName |
| Read-only | yes |
| Tab Panel | Policies.General Network Queue |
| Type | STRING |

Number of Attached Ports**Table 3-1763 Number of Attached Ports**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The number of ports attached at the moment. This property is specific to the Alcatel OmniSwitch family of products. This property is also applicable to MPR 9500 family. |
| Displayed name | Number of Attached Ports |
| OSS name | lagAttachedPorts |
| Read-only | yes |
| Tab Panel | Link Aggregation Group General |
| Type | INT |

Number of Selected Ports**Table 3-1764 Number of Selected Ports**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The number of ports selected at the moment. This property is specific to the Alcatel OmniSwitch family of products. |
| Displayed name | Number of Selected Ports |
| OSS name | lagSelectedPorts |
| Read-only | yes |
| Tab Panel | Link Aggregation Group General |
| Type | INT |

Operational Speed
Table 3-1765 Operational Speed

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | This property specifies the total operational speed of the LAG. This is calculated from the "actualSpeed" property of the Ports which are LAG Members. The "actualSpeed" value can be 0 (zero) when the Port is not operating. The Lag Member is first checked for its resource state and if its "OK" then we add this value to the LAG value otherwise we ignore it. So only operational and active LAG Member values are added to show the correct operational LAG speed. |
| Displayed name | Operational Speed |
| OSS name | lagOperationalSpeed |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |
| Units | kbps |

Operational State**Table 3-1766 Operational State**

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | OperationalState |

Operational State**Table 3-1767 Operational State**

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |

Table 3-1767 Operational State (continued)

| Name | Value |
|------|------------------|
| Type | OperationalState |

Part Number**Table 3-1768 Part Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Part Number |
| Maximum | 252 |
| OSS name | manufacturerBoardNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Per-Link Hashing**Table 3-1769 Per-Link Hashing**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Per-link hashing. When enabled sends SAP/interface traffic over a single link of a LAG auto-rebalancing as links are added/removed from a LAG |
| Displayed name | Per-Link Hashing |
| OSS name | perLinkHashing |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Port Scheduler Policy**Table 3-1770 Port Scheduler Policy**

| Name | Value |
|-------------|---|
| Default | yes: |
| Description | Specifies the port scheduler policy used by this port |

Table 3-1770 Port Scheduler Policy (continued)

| Name | Value |
|----------------|----------------------------------|
| Displayed name | Port Scheduler Policy |
| OSS name | portSchedulerPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Port Scheduler |
| Type | POINTER |

Port Threshold**Table 3-1771 Port Threshold**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:0 |
| Displayed name | Port Threshold |
| Maximum | 7 |
| Minimum | 0 |
| OSS name | portThreshold |
| Read-only | no |
| Tab Panel | Link Aggregation Group General |
| Type | INT |

Port Threshold Action**Table 3-1772 Port Threshold Action**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:down |
| Displayed name | Port Threshold Action |
| OSS name | portThresholdAction |
| Read-only | no |
| Tab Panel | Link Aggregation Group General |
| Type | INT |

Port Type

Table 3-1773 Port Type

| Name | Value |
|--------------------------|-----------------|
| Default | yes:standard |
| Displayed name | Port Type |
| OSS name | lagPortType |
| Read-only | no |
| Tab Panel | General General |
| Type | LagPortType |
| Enumerated types: | |
| HSMDA | |
| HSMDAv1 | |
| Standard | |

Port Usage

Table 3-1774 Port Usage

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Port Usage |
| OSS name | portUsage |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | INT |

Port Weight Speed

Table 3-1775 Port Weight Speed

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The value specifies the speed corresponding to a weight unit. The value zero(Not Specified) specifies that mixing ports with different speeds is not allowed in this LAG. |
| Displayed name | Port Weight Speed |
| OSS name | portWeightSpeed |
| Read-only | no |

Table 3-1775 Port Weight Speed (continued)

| Name | Value |
|-------------|--------------------------------|
| Tab Panel | Link Aggregation Group General |
| Type | INT |
| Units | gbps |

Previous State**Table 3-1776 Previous State**

| Name | Value |
|----------------|----------------|
| Default | yes:1 |
| Displayed name | Previous State |
| OSS name | previousState |
| Read-only | yes |
| Tab Panel | States General |
| Type | PortState |

Primary Member**Table 3-1777 Primary Member**

| Name | Value |
|----------------|--------------------------------|
| Default | yes: |
| Displayed name | Primary Member |
| Maximum | 252 |
| OSS name | primaryLagMemberName |
| Read-only | yes |
| Tab Panel | Link Aggregation Group General |
| Type | STRING |

QoS Adaptation**Table 3-1778 QoS Adaptation**

| Name | Value |
|----------------|----------------|
| Default | yes:distribute |
| Displayed name | QoS Adaptation |

Table 3-1778 QoS Adaptation (continued)

| Name | Value |
|-------------|------------------|
| OSS name | adaptQoS |
| Read-only | no |
| Tab Panel | Access Adapt QoS |
| Type | INT |

Queue 1**Table 3-1779 Queue 1**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 1 |
| OSS name | portStatsQueue1PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 2**Table 3-1780 Queue 2**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 2 |
| OSS name | portStatsQueue2PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 3**Table 3-1781 Queue 3**

| Name | Value |
|----------------|-----------|
| Default | yes:false |
| Displayed name | Queue 3 |

Table 3-1781 Queue 3 (continued)

| Name | Value |
|-------------|--|
| OSS name | portStatsQueue3PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 4**Table 3-1782 Queue 4**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 4 |
| OSS name | portStatsQueue4PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 5**Table 3-1783 Queue 5**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 5 |
| OSS name | portStatsQueue5PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 6**Table 3-1784 Queue 6**

| Name | Value |
|----------------|-----------|
| Default | yes:false |
| Displayed name | Queue 6 |

Table 3-1784 Queue 6 (continued)

| Name | Value |
|-------------|--|
| OSS name | portStatsQueue6PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 7**Table 3-1785 Queue 7**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 7 |
| OSS name | portStatsQueue7PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 8**Table 3-1786 Queue 8**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 8 |
| OSS name | portStatsQueue8PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Reason Down**Table 3-1787 Reason Down**

| Name | Value |
|-------------|---|
| Default | no |
| Description | Indicates why a lag may be in the operationally 'down' state. |

Table 3-1787 Reason Down (continued)

| Name | Value |
|----------------|----------------|
| Displayed name | Reason Down |
| OSS name | reasonDown |
| Read-only | yes |
| Tab Panel | States General |
| Type | LONG |

Role**Table 3-1788 Role**

| Name | Value |
|--------------------------|--|
| Default | yes:unknown |
| Description | role is used to define role of this lag in optical world |
| Displayed name | Role |
| Mandatory on creation | yes |
| OSS name | role |
| Read-only | no |
| Tab Panel | General General |
| Type | LagRole |
| Enumerated types: | |
| | Backplane |
| | Ethernet |
| | OTU |
| | Unknown |

Serial Number**Table 3-1789 Serial Number**

| Name | Value |
|----------------|---------------|
| Default | yes: |
| Displayed name | Serial Number |
| Maximum | 252 |
| OSS name | serialNumber |
| Read-only | yes |

Table 3-1789 Serial Number (continued)

| Name | Value |
|-------------|------------------------------|
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Site ID**Table 3-1790 Site ID**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site Name**Table 3-1791 Site Name**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Size**Table 3-1792 Size**

| Name | Value |
|-------------|---|
| Default | yes:2 |
| Description | LAG Member size Type. This property is specific to 9500 MPR family. |

Table 3-1792 Size (continued)

| Name | Value |
|--------------------------|--------------------------------|
| Displayed name | Size |
| OSS name | lagMbrSize |
| Read-only | no |
| Tab Panel | Link Aggregation Group General |
| Type | AggregatorSize |
| Enumerated types: | |
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |

Size**Table 3-1793 Size**

| Name | Value |
|--------------------------|--|
| Default | yes:2 |
| Description | Maximum number of links that could be attached to this aggregator; this nominator is mandatory and is a required field in order to create a row in this table. This property is specific to the Alcatel OmniSwitch family of products. |
| Displayed name | Size |
| Mandatory on creation | yes |
| OSS name | lagSize |
| Read-only | no |
| Tab Panel | Link Aggregation Group General |
| Type | AggregatorSize |
| Enumerated types: | |
| 1 | |
| 2 | |
| 3 | |
| 4 | |

Table 3-1793 Size (continued)

| Name | Value |
|------|-------|
| 5 | |
| 6 | |
| 7 | |
| 8 | |

SPB Service Mode**Table 3-1794 SPB Service Mode**

| Name | Value |
|----------------|---|
| Default | yes:2 |
| Description | This property is specific to AOS family |
| Displayed name | SPB Service Mode |
| OSS name | spbServicePortMode |
| Read-only | no |
| Tab Panel | General Service Access Info |
| Type | INT |

Speed**Table 3-1795 Speed**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Speed |
| OSS name | speed |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.Speed |
| Units | Mbps |

Split Horizon Group
Table 3-1796 Split Horizon Group

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Split Horizon Group |
| OSS name | portShgPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

State**Table 3-1797 State**

| Name | Value |
|----------------|----------------|
| Default | yes:1 |
| Displayed name | State |
| OSS name | state |
| Read-only | yes |
| Tab Panel | States General |
| Type | PortState |

Status**Table 3-1798 Status**

| Name | Value |
|----------------|-------------------------|
| Default | yes:indeterminate |
| Displayed name | Status |
| OSS name | compositeEquipmentState |
| Read-only | yes |
| Tab Panel | States General |
| Type | CompositeEquipmentState |

Subrack Connection
Table 3-1799 Subrack Connection

| Name | Value |
|----------------|--|
| Default | no |
| Description | specifies where the MPT is connected to on the subrack |
| Displayed name | Subrack Connection |
| OSS name | mptSubrackPointer |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | POINTER |

SVLAN Tag Protocol ID**Table 3-1800 SVLAN Tag Protocol ID**

| Name | Value |
|--------------------------|---|
| Default | yes:1 |
| Description | The size of the largest packet which can be sent/received on the interface, specified in octets. For interfaces that are used for transmitting network datagrams, this is the size of the largest network datagram that can be sent on the interface. |
| Displayed name | SVLAN Tag Protocol ID |
| OSS name | lagTPID |
| Read-only | no |
| Tab Panel | Link Aggregation Group General |
| Type | TPID |
| Enumerated types: | |
| 1 | |
| 2 | |
| 3 | |
| 4 | |

Type**Table 3-1801 Type**

| Name | Value |
|---------|-------------|
| Default | yes:lacpOff |

Table 3-1801 Type (continued)

| Name | Value |
|-----------------------|---|
| Description | Static or Dynamic(LACP enabled). This property is specific to the Alcatel OmniSwitch family of products. This property is also applicable to MPR 9500 family. |
| Displayed name | Type |
| Mandatory on creation | yes |
| OSS name | lagType |
| Read-only | no |
| Tab Panel | Link Aggregation Group General |
| Type | INT |

UNI Profile**Table 3-1802 UNI Profile**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the UNI Profile Policy object. |
| Displayed name | UNI Profile |
| OSS name | lagUniProfilePointer |
| Read-only | no |
| Tab Panel | Policies UNI Profile |
| Type | POINTER |

UNI Profile**Table 3-1803 UNI Profile**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the UNI Profile Policy object. |
| Displayed name | UNI Profile |
| OSS name | uniProfilePointer |
| Read-only | no |
| Tab Panel | Policies.General UNI Profile |
| Type | POINTER |

User label**Table 3-1804 User label**

| Name | Value |
|----------------|-----------------|
| Default | no |
| Displayed name | User label |
| Maximum | 15 |
| OSS name | userLabel |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Vlan Xlation Mode**Table 3-1805 Vlan Xlation Mode**

| Name | Value |
|----------------|---|
| Default | yes:2 |
| Description | This property is specific to AOS family |
| Displayed name | Vlan Xlation Mode |
| OSS name | portVlanXlation |
| Read-only | no |
| Tab Panel | General Service Access Info |
| Type | INT |

VPLS Mode**Table 3-1806 VPLS Mode**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Applicable to Omni Fuji2 nodes. The mode of the VPLS service being configured on the Ethernet Access Port. |
| Displayed name | VPLS Mode |
| OSS name | vplsMode |
| Read-only | no |
| Tab Panel | General VPLS Service |
| Type | netw.VplsMode |

Wait to Restore
Table 3-1807 Wait to Restore

| Name | Value |
|----------------|--|
| Default | yes:1000 |
| Description | This property specifies the amount of time, in step of 100 milliseconds, to wait after a fault clears before restoring a traffic interface in the Link Aggregation Group This property is specific to 9500 MPR family. |
| Displayed name | Wait to Restore |
| Maximum | 8000 |
| Minimum | 100 |
| OSS name | lagWTR |
| Read-only | no |
| Step | 100 |
| Tab Panel | Link Aggregation Group General |
| Type | LONG |
| Units | ms |

Weight Threshold**Table 3-1808 Weight Threshold**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The value of Weight Threshold specifies a threshold for the action specified by Weight Threshold Action. The value is a weight, and the unit depends on the value of Port Weight Speed |
| Displayed name | Weight Threshold |
| Maximum | 63 |
| Minimum | 0 |
| OSS name | weightThreshold |
| Read-only | no |
| Tab Panel | Link Aggregation Group General |
| Type | INT |

Weight Threshold Action**Table 3-1809 Weight Threshold Action**

| Name | Value |
|----------------|---|
| Default | yes:down |
| Description | The value specifies the action to take when the weight of the physical ports that are operational (link up) is less than the value of Weight Threshold. |
| Displayed name | Weight Threshold Action |
| OSS name | weightThresholdAction |
| Read-only | no |
| Tab Panel | Link Aggregation Group General |
| Type | INT |

Weighted**Table 3-1810 Weighted**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether there is a class and weight based balanced distribution of traffic egressing on the objects |
| Displayed name | Weighted |
| OSS name | perLinkHashWeighted |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Linear Power Adjustment parameters**Add Direction LD****Table 3-1811 Add Direction LD**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The pointer to the LD in the add position of Anydirection A/D block. |
| Displayed name | Add Direction LD |
| OSS name | addDirectionLd |

Table 3-1811 Add Direction LD (continued)

| Name | Value |
|-------------|--------------------------|
| Read-only | no |
| Tab Panel | General Power Attributes |
| Type | POINTER |

Calculated Required Gain**Table 3-1812 Calculated Required Gain**

| Name | Value |
|----------------|---------------------------|
| Default | yes:-99.0 |
| Description | Calculated required gain. |
| Displayed name | Calculated Required Gain |
| OSS name | targetGain |
| Read-only | no |
| Tab Panel | General Power Attributes |
| Type | FLOAT |
| Units | dB |

Card Sub Type**Table 3-1813 Card Sub Type**

| Name | Value |
|----------------|---|
| Default | yes:unspecified |
| Description | The assigned card subtype of the card on which this power adjustment is applicable. |
| Displayed name | Card Sub Type |
| OSS name | assignedCardSubType |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.CardSubType |

Description**Table 3-1814 Description**

| Name | Value |
|----------------|------------------------------------|
| Description | The displayed name of this object. |
| Displayed name | Description |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Direction**Table 3-1815 Direction**

| Name | Value |
|--------------------------|--|
| Description | The direction of power adjustment - ingress, egress, add, drop, etc. |
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General Power Adjustment |
| Type | PowerAdjDirection |
| Enumerated types: | |
| Add | |
| Drop | |
| Egress | |
| Ingress | |

Drop Direction LD**Table 3-1816 Drop Direction LD**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The pointer to the LD in the drop position of Anydirection A/D block. |
| Displayed name | Drop Direction LD |
| OSS name | dropDirectionLd |

Table 3-1816 Drop Direction LD (continued)

| Name | Value |
|-------------|--------------------------|
| Read-only | no |
| Tab Panel | General Power Attributes |
| Type | POINTER |

Execute Command**Table 3-1817 Execute Command**

| Name | Value |
|--------------------------|---|
| Default | yes:noCmd |
| Description | The power adjustment operation exposed to the user - start, stop, abort, etc. |
| Displayed name | Execute Command |
| OSS name | powerAdjustCommand |
| Read-only | no |
| Tab Panel | General Power Adjustment |
| Type | PowerAdjCommand |
| Enumerated types: | |
| Abort | |
| No Command | |
| Start | |
| Stop | |

Gain Adjustment Calculation Offset**Table 3-1818 Gain Adjustment Calculation Offset**

| Name | Value |
|----------------|---|
| Default | yes:0.0 |
| Description | Value added to result of gain adjustment calculation. |
| Displayed name | Gain Adjustment Calculation Offset |
| Maximum | 3 |
| Minimum | -3 |
| OSS name | gainSetOffset |
| Read-only | no |
| Tab Panel | General Power Attributes |

Table 3-1818 Gain Adjustment Calculation Offset (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | dB |

Gain at Commissioning Complete**Table 3-1819 Gain at Commissioning Complete**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | Gain value set while commissioning flag is false. |
| Displayed name | Gain at Commissioning Complete |
| OSS name | commissionedGain |
| Read-only | no |
| Tab Panel | General Power Attributes |
| Type | FLOAT |
| Units | dB |

Result**Table 3-1820 Result**

| Name | Value |
|----------------|---|
| Description | The result of the last executed power adjustment operation. |
| Displayed name | Result |
| OSS name | powerAdjustResult |
| Read-only | no |
| Tab Panel | General Power Adjustment |
| Type | STRING |

Site ID**Table 3-1821 Site ID**

| Name | Value |
|----------------|----------------------|
| Description | The site identifier. |
| Displayed name | Site ID |

Table 3-1821 Site ID (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-1822 Site Name**

| Name | Value |
|----------------|-----------------|
| Description | The site name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Status**Table 3-1823 Status**

| Name | Value |
|--------------------------|--|
| Description | Indicates the status of the executed power adjustment operation. |
| Displayed name | Status |
| OSS name | powerAdjustStatus |
| Read-only | no |
| Tab Panel | General Power Adjustment |
| Type | PowerAdjStatus |
| Enumerated types: | |
| Completed | |
| In Progress | |
| Not In Progress | |

Topology
Table 3-1824 Topology

| Name | Value |
|------------------------------|---|
| Default | yes:notApplicable |
| Description | The type of topology - linear, ring, etc. |
| Displayed name | Topology |
| Mandatory on creation | yes |
| OSS name | topology |
| Read-only | no |
| Tab Panel | General Power Adjustment |
| Type | TopologyType |
| Enumerated types: | |
| Linear (Forced X-Conn Req'd) | |
| Not Applicable | |
| Ring (ASE Adjust) | |

Type**Table 3-1825 Type**

| Name | Value |
|--------------------------|--|
| Description | The type of power adjustment - linear, ring, dynamicTilt, etc. |
| Displayed name | Type |
| Mandatory on creation | yes |
| OSS name | powerAdjustType |
| Read-only | no |
| Tab Panel | General Power Adjustment |
| Type | PowerAdjType |
| Enumerated types: | |
| Dynamic Tilt | |
| Linear | |
| Ring | |

WSS Overhead
Table 3-1826 WSS Overhead

| Name | Value |
|----------------|--------------------------|
| Default | yes:0.0 |
| Description | The ripple allowance. |
| Displayed name | WSS Overhead |
| Maximum | 10 |
| Minimum | 0 |
| OSS name | rippleAllowance |
| Read-only | no |
| Tab Panel | General Power Attributes |
| Type | FLOAT |
| Units | dB |

LineReference parameters

Actual Quality Level
Table 3-1827 Actual Quality Level

| Name | Value |
|--------------------------|--|
| Description | This object indicates the current value of incoming QL on that port. |
| Displayed name | Actual Quality Level |
| OSS name | actualQualityLevel |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | SystemQualityLevel |
| Enumerated types: | |
| Auto | |
| DNU | |
| DUS | |
| EEC Option 1 | |
| Not Applicable | |
| PNO | |
| PRC | |

Table 3-1827 Actual Quality Level (continued)

| Name | Value |
|-----------------|-------|
| PRS | |
| Quality Unknown | |
| SEC | |
| SMC | |
| SSUL | |
| SSUT | |
| SSU_A | |
| SSU_B | |
| ST2 | |
| ST3 | |
| ST3E | |
| ST4 | |
| STU | |
| TNC | |
| unspecified | |
| Unstable | |

Administrative Status

Table 3-1828 Administrative Status

| Name | Value |
|--------------------------|---|
| Description | The administrative state of the line reference. |
| Displayed name | Administrative Status |
| OSS name | adminStatus |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | VtsConnAdminAndOperState |
| Enumerated types: | |
| Down | |
| Up | |

Assigned Port**Table 3-1829 Assigned Port**

| Name | Value |
|----------------|---------------------|
| Displayed name | Assigned Port |
| OSS name | assignedPortPointer |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | POINTER |

Assigned Port**Table 3-1830 Assigned Port**

| Name | Value |
|--------------------------|--|
| Description | The assigned port for the line reference |
| Displayed name | Assigned Port |
| OSS name | assignedPort |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | SyncPort |
| Enumerated types: | |
| BITS2 | |
| C1 | |
| C10 | |
| C11 | |
| C12 | |
| C13 | |
| C14 | |
| C15 | |
| C16 | |
| C17 | |
| C18 | |
| C19 | |
| C2 | |
| C20 | |
| C21 | |

Table 3-1830 Assigned Port (continued)

| Name | Value |
|------------|-------|
| C22 | |
| C3 | |
| C4 | |
| C5 | |
| C6 | |
| C7 | |
| C8 | |
| C9 | |
| L1 | |
| L2 | |
| M1 | |
| M2 | |
| M3 | |
| M4 | |
| Unassigned | |
| X1 | |
| X2 | |
| X3 | |
| X4 | |
| X5 | |
| X6 | |

Assigned Port**Table 3-1831 Assigned Port**

| Name | Value |
|--------------------------|--|
| Description | The associated port for the line reference |
| Displayed name | Assigned Port |
| OSS name | associatedPortForGUI |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | AssociatedPortType |
| Enumerated types: | |

Table 3-1831 Assigned Port (continued)

| Name | Value |
|-------|-------|
| BITS2 | |
| None | |
| P1 | |
| P2 | |
| P3 | |
| P4 | |
| P5 | |
| P6 | |

Line Reference**Table 3-1832 Line Reference**

| Name | Value |
|--------------------------|--|
| Description | SAM only property ,The line reference number |
| Displayed name | Line Reference |
| OSS name | lineRefId |
| Read-only | yes |
| Tab Panel | General Line Timing |
| Type | SwitchLineReference |
| Enumerated types: | |
| External Line Ref 0 | |
| External Line Ref 1 | |
| Line Ref 0 | |
| Line Ref 1 | |
| Line Ref 2 | |
| Line Ref 3 | |
| Line Ref 4 | |
| Line Ref 5 | |
| Sync0/Internal | |

Lockout Status

Table 3-1833 Lockout Status

| Name | Value |
|--------------------------|-----------------------------------|
| Description | If lock out line reference or not |
| Displayed name | Lockout Status |
| OSS name | lockoutStatus |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | EnableDisable |
| Enumerated types: | |
| Disable | |
| Enable | |

Operational Status

Table 3-1834 Operational Status

| Name | Value |
|--------------------------|---|
| Description | The operator state of the line reference. |
| Displayed name | Operational Status |
| OSS name | operStatus |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | VtsConnAdminAndOperState |
| Enumerated types: | |
| Down | |
| Up | |

Output Timing Lockout Status

Table 3-1835 Output Timing Lockout Status

| Name | Value |
|----------------|---|
| Description | Output timing Lockout attribute for PTPCTL Card |
| Displayed name | Output Timing Lockout Status |
| OSS name | stationLockoutStatus |
| Read-only | no |

Table 3-1835 Output Timing Lockout Status (continued)

| Name | Value |
|--------------------------|---------------------|
| Tab Panel | General Line Timing |
| Type | EnableDisable |
| Enumerated types: | |
| Disable | |
| Enable | |

Output Timing Priority**Table 3-1836 Output Timing Priority**

| Name | Value |
|--------------------------|--|
| Description | Output timing Priority attribute for PTPCTL Card |
| Displayed name | Output Timing Priority |
| OSS name | stationPriority |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | SyncPriority |
| Enumerated types: | |
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| Disabled | |

Primary State**Table 3-1837 Primary State**

| Name | Value |
|----------------|-----------------|
| Default | yes:unspecified |
| Displayed name | Primary State |

Table 3-1837 Primary State (continued)

| Name | Value |
|--|---------------------|
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | PrimaryStateType |
| Enumerated types: | |
| In Service | |
| In Service (Abnormal) | |
| In Service (Normal) | |
| Out Of Service (Autonomous and Management) | |
| Out Of Service (Autonomous) | |
| Out Of Service (Management) | |

Priority**Table 3-1838 Priority**

| Name | Value |
|--------------------------|--------------------------|
| Description | Line reference priority. |
| Displayed name | Priority |
| OSS name | priority |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | SyncPriority |
| Enumerated types: | |
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| Disabled | |

Provisioned Quality Level
Table 3-1839 Provisioned Quality Level

| Name | Value |
|--------------------------|--|
| Description | Manually provisioned incoming SSM value for the line reference . Note: The parameter can be provisioned only when tnSyncESyncMsg and SyncELineRefIncSSMSupp are enabled. |
| Displayed name | Provisioned Quality Level |
| OSS name | lineRefProvQL |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | ProvQualityLevel |
| Enumerated types: | |
| Auto | |
| PRC | |
| PRS | |
| SEC | |
| SSU_A | |
| SSU_B | |
| SSU_L | |
| SSU_T | |
| ST2 | |
| ST3 | |
| ST3E | |
| STU | |
| TNC | |

QL Processing**Table 3-1840 QL Processing**

| Name | Value |
|----------------|--|
| Default | yes:disable |
| Description | Enable or disable the line reference incoming QL processing. Note: The parameter can be provisioned only when tnSyncESyncMsg is enabled. |
| Displayed name | QL Processing |
| OSS name | qlProcessing |
| Read-only | no |

Table 3-1840 QL Processing (continued)

| Name | Value |
|--------------------------|---------------------|
| Tab Panel | General Line Timing |
| Type | EnableDisable |
| Enumerated types: | |
| Disable | |
| Enable | |

Signal Status

Table 3-1841 Signal Status

| Name | Value |
|--------------------------|----------------------------------|
| Description | The Sync-E line reference state. |
| Displayed name | Signal Status |
| OSS name | signalStatus |
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | SignalStatusTypes |
| Enumerated types: | |
| Deleted | |
| Failure | |
| Normal | |
| Not Assigned | |
| Out of Frequency Range | |
| SF | |
| Unassigned | |
| WTR | |

SSM Status

Table 3-1842 SSM Status

| Name | Value |
|----------------|--|
| Description | The current status of incoming QL on that port |
| Displayed name | SSM Status |
| OSS name | lineRefIncSSMStatus |

Table 3-1842 SSM Status (continued)

| Name | Value |
|--------------------------|---------------------|
| Read-only | no |
| Tab Panel | General Line Timing |
| Type | SSMStatus |
| Enumerated types: | |
| Invalid | |
| Not Applicable | |
| Not Supported | |
| Valid | |

LO-ODUK Cross Connect parameters

A-End

Table 3-1843 A-End

| Name | Value |
|-----------------------|---------------------------|
| Default | yes: |
| Description | Pointer to the A end Ctp. |
| Displayed name | A-End |
| Mandatory on creation | yes |
| OSS name | ctpAPointer |
| Read-only | no |
| Tab Panel | General A-End |
| Type | POINTER |

Bidirectional

Table 3-1844 Bidirectional

| Name | Value |
|-----------------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| Mandatory on creation | yes |
| OSS name | biDirectional |

Table 3-1844 Bidirectional (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Cross Connect Id**Table 3-1845 Cross Connect Id**

| Name | Value |
|-----------------------|-----------------------------------|
| Default | yes:0 |
| Description | SAM generated XC id used for FDN. |
| Displayed name | Cross Connect Id |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | xcId |
| Read-only | no |
| Tab Panel | General Cross Connect Information |
| Type | LONG |

Destination**Table 3-1846 Destination**

| Name | Value |
|----------------|---|
| Description | Name of the endpoint Z, used for display. |
| Displayed name | Destination |
| OSS name | endpointZName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

ID
Table 3-1847 ID

| Name | Value |
|-----------------------|-----------------------------------|
| Default | yes:0 |
| Description | SAM generated XC id used for FDN. |
| Displayed name | ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | xcId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Name**Table 3-1848 Name**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | The description of the OduK cross connect. |
| Displayed name | Name |
| Mandatory on creation | yes |
| OSS name | odukXcName |
| Read-only | no |
| Tab Panel | General Cross Connect Information |
| Type | STRING |

Name**Table 3-1849 Name**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Can be deployed on NE for OCh cross-connect, or connection group. For OCH XC/XC group the max length is 80, so we keep this for OT XCs too. This is the OCHTrail name for OCH XCs or OCH XC groups. |
| Displayed name | Name |

Table 3-1849 Name (continued)

| Name | Value |
|-------------|-----------------|
| Maximum | 80 |
| Minimum | 0 |
| OSS name | xcName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Protection State

Table 3-1850 Protection State

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | The protection state of the connection. |
| Displayed name | Protection State |
| Mandatory on creation | yes |
| OSS name | protectionState |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Rate

Table 3-1851 Rate

| Name | Value |
|-------------|------------------------------|
| Description | The OduK cross connect Rate. |

Table 3-1851 Rate (continued)

| Name | Value |
|--------------------------|-----------------------------------|
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | odukXcRate |
| Read-only | no |
| Tab Panel | General Cross Connect Information |
| Type | OdukXcRate |
| Enumerated types: | |
| Null | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUflex | |
| ODUFlex-CBR | |
| ODUFlex-GFP | |
| ODUflex_3GSDI | |
| ODUflex_FC400 | |
| ODUflex_SDR | |
| OPTSG | |

Rate**Table 3-1852 Rate**

| Name | Value |
|----------------|------------------------------|
| Description | The Oduk cross connect Rate. |
| Displayed name | Rate |

Table 3-1852 Rate (continued)

| Name | Value |
|--------------------------|-----------------|
| Mandatory on creation | yes |
| OSS name | odukXcRate |
| Read-only | no |
| Tab Panel | General General |
| Type | OdukXcRate |
| Enumerated types: | |
| Null | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUflex | |
| ODUFlex-CBR | |
| ODUFlex-GFP | |
| ODUflex_3GSDI | |
| ODUflex_FC400 | |
| ODUflex_SDR | |
| OPTSG | |

Site ID**Table 3-1853 Site ID**

| Name | Value |
|----------------|-------------|
| Default | yes:0.0.0.0 |
| Description | Site ID. |
| Displayed name | Site ID |

Table 3-1853 Site ID (continued)

| Name | Value |
|-------------|-----------------|
| Maximum | 50 |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-1854 Site Name**

| Name | Value |
|----------------|-----------------|
| Description | Site name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Source**Table 3-1855 Source**

| Name | Value |
|----------------|---|
| Description | Name of the endpoint A, used for display. |
| Displayed name | Source |
| OSS name | endpointAName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Z-End**Table 3-1856 Z-End**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-1856 Z-End (continued)

| Name | Value |
|-----------------------|---------------------------|
| Description | Pointer to the Z end Ctp. |
| Displayed name | Z-End |
| Mandatory on creation | yes |
| OSS name | ctpZPointer |
| Read-only | no |
| Tab Panel | General Z-End |
| Type | POINTER |

LO-ODUk parameters

Admin State

Table 3-1857 Admin State

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Administrative state of the interface. It may be used to suppress the alarms or disable consequent actions on the entity. |
| Displayed name | Admin State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.XcState |

Assigned Rate

Table 3-1858 Assigned Rate

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Ctp ID
Table 3-1859 Ctp ID

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Expected TTI**Table 3-1860 Expected TTI**

| Name | Value |
|----------------|-------------------|
| Description | ODU expected TTI. |
| Displayed name | Expected TTI |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | odukExpectedTti |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Incoming TTI**Table 3-1861 Incoming TTI**

| Name | Value |
|----------------|-------------------|
| Description | ODU incoming TTI. |
| Displayed name | Incoming TTI |
| OSS name | odukIncomingTti |
| Read-only | no |
| Tab Panel | General General |

Table 3-1861 Incoming TTI (continued)

| Name | Value |
|------|--------|
| Type | STRING |

Layer Type**Table 3-1862 Layer Type**

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.LayerType |

Name**Table 3-1863 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayedName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

ODUk ID**Table 3-1864 ODUk ID**

| Name | Value |
|-----------------------|---|
| Description | Id of LO-ODUk facility object. It is the lowest time slot number occupied by this object. For example, if LO-ODUk occupies 3 timeslots - 3, 5, 7, then loOduId will be 3. |
| Displayed name | ODUk ID |
| Mandatory on creation | yes |

Table 3-1864 ODUk ID (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | loOduId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

ODUk Type**Table 3-1865 ODUk Type**

| Name | Value |
|--------------------------|-----------------|
| Description | ODUk type. |
| Displayed name | ODUk Type |
| OSS name | odukType |
| Read-only | no |
| Tab Panel | General General |
| Type | OdukType |
| Enumerated types: | |
| odu0 | |
| odu1 | |
| odu1f | |
| odu2 | |
| odu2e | |
| oduflex | |

Site ID**Table 3-1866 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |

Table 3-1866 Site ID (continued)

| Name | Value |
|------|--------|
| Type | STRING |

Site Name**Table 3-1867 Site Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-1868 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Timeslots**Table 3-1869 Timeslots**

| Name | Value |
|----------------|--|
| Description | Comma separated timeslots. Example - "1, 2, 3" |
| Displayed name | Timeslots |
| OSS name | timeslots |

Table 3-1869 Timeslots (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

TTI Comparison Enabled**Table 3-1870 TTI Comparison Enabled**

| Name | Value |
|----------------|-------------------------|
| Description | ODU TIM detection mode. |
| Displayed name | TTI Comparison Enabled |
| OSS name | odukTimDetMode |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

TTI Mismatch Response Enabled**Table 3-1871 TTI Mismatch Response Enabled**

| Name | Value |
|----------------|--|
| Description | Indicates whether the Trace Identifier Mismatch (TIM) Consequent Action function is enabled. |
| Displayed name | TTI Mismatch Response Enabled |
| OSS name | odukNimTimActEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

TTI Status**Table 3-1872 TTI Status**

| Name | Value |
|-------------|-----------------|
| Default | yes:unspecified |
| Description | OduK TTI status |

Table 3-1872 TTI Status (continued)

| Name | Value |
|--------------------------|-----------------|
| Displayed name | TTI Status |
| OSS name | odukTtiStatus |
| Read-only | no |
| Tab Panel | General General |
| Type | AluWdmTtiStatus |
| Enumerated types: | |
| | |
| Mismatch | |
| Normal | |
| Unavailable | |
| Unspecified | |

MacFilterEntry parameters

Action

Table 3-1873 Action

| Name | Value |
|----------------|----------------------------|
| Default | yes:drop |
| Displayed name | Action |
| OSS name | action |
| Read-only | no |
| Tab Panel | Filter Properties Protocol |
| Type | acl.FilterActionOrDefault |

Administrative State

Table 3-1874 Administrative State

| Name | Value |
|----------------|----------------------|
| Default | yes:inService |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |

Table 3-1874 Administrative State (continued)

| Name | Value |
|-------------|-------------------------------|
| Tab Panel | General General |
| Type | aclfilter.AdministrativeState |

Application

Table 3-1875 Application

| Name | Value |
|--------------------------|-----------------|
| Default | yes:normal |
| Displayed name | Application |
| OSS name | application |
| Read-only | yes |
| Tab Panel | General General |
| Type | ApplicationType |
| Enumerated types: | |
| BGP Flowspec | |
| CreditControl | |
| Host Shared RADIUS | |
| Normal | |
| RADIUS | |

Description

Table 3-1876 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Destination MAC**Table 3-1877 Destination MAC**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Destination MAC |
| OSS name | destinationMacAddress |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria |
| Type | MACADDR |

Displayed Name**Table 3-1878 Displayed Name**

| Name | Value |
|----------------|-------------------------------|
| Default | yes: |
| Displayed name | Displayed Name |
| Maximum | 80 |
| OSS name | containingPolicyDisplayedName |
| Read-only | yes |
| Tab Panel | General Containing Policy |
| Type | STRING |

Displayed Name**Table 3-1879 Displayed Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Displayed Name |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | displayedName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Dot1p**Table 3-1880 Dot1p**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:default |
| Displayed name | Dot1p |
| OSS name | dot1pValue |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria |
| Type | acl.Dot1pPriority |

Dot1p Mask**Table 3-1881 Dot1p Mask**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:priority_0 |
| Displayed name | Dot1p Mask |
| OSS name | dot1pMask |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria |
| Type | acl.Dot1pPriority |

DSAP**Table 3-1882 DSAP**

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Displayed name | DSAP |
| Maximum | 255 |
| Minimum | -1 |
| OSS name | dsap |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria - Dsap Ssap |
| Type | INT |

DSAP Mask**Table 3-1883 DSAP Mask**

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Displayed name | DSAP Mask |
| Maximum | 255 |
| Minimum | -1 |
| OSS name | dsapMask |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria - Dsap Ssap |
| Type | INT |

Dst Mask**Table 3-1884 Dst Mask**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Dst Mask |
| OSS name | destinationMacAddressMask |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria |
| Type | MACADDR |

Encap Type**Table 3-1885 Encap Type**

| Name | Value |
|----------------|--|
| Default | yes:unspecified |
| Description | The encapsulation type of the SAP. Can be modified for global entry only. Cannot be modified for local entry. Is set automatically by the server depending on the encap type of the terminating object (as 'fwdSapCtpPointer' is pointing to). |
| Displayed name | Encap Type |
| OSS name | fwdSapEncapType |
| Read-only | yes |
| Tab Panel | Forwarding Destination SAP |

Table 3-1885 Encap Type (continued)

| Name | Value |
|------|-------------------------|
| Type | equipment.PortEncapType |

Entry ID**Table 3-1886 Entry ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Entry ID |
| Mandatory on creation | yes |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Entry Type**Table 3-1887 Entry Type**

| Name | Value |
|--------------------------|-----------------|
| Default | yes:normal |
| Displayed name | Entry Type |
| Mandatory on creation | yes |
| OSS name | filterEntryType |
| Read-only | no |
| Tab Panel | General General |
| Type | FilterEntryType |
| Enumerated types: | |
| Embedded | |
| Normal | |

Ether Type

Table 3-1888 Ether Type

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Displayed name | Ether Type |
| Maximum | 65535 |
| Minimum | -1 |
| OSS name | ethernetType |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria - Ethernet II |
| Type | INT |

Filter ID

Table 3-1889 Filter ID

| Name | Value |
|----------------|---------------------------|
| Default | yes:0 |
| Displayed name | Filter ID |
| OSS name | containingPolicyId |
| Read-only | yes |
| Tab Panel | General Containing Policy |
| Type | LONG |

Frame Type

Table 3-1890 Frame Type

| Name | Value |
|----------------|----------------------------|
| Default | yes:e802dot3 |
| Displayed name | Frame Type |
| OSS name | frameType |
| Read-only | no |
| Tab Panel | Filter Properties Protocol |
| Type | acl.FrameType |

fwdLspPointer**Table 3-1891 fwdLspPointer**

| Name | Value |
|-------------|--|
| Default | yes: |
| Description | This is SAM only attribute to hold the LSP pointer. Currently only static and dynamic can be assigned. |
| OSS name | fwdLspPointer |
| Read-only | no |
| Tab Panel | Forwarding LSP Details LSP Instance Details LSP Details |
| Type | POINTER |

fwdMplsLspPointer**Table 3-1892 fwdMplsLspPointer**

| Name | Value |
|-------------|--|
| Default | yes: |
| Description | This is SAM only attribute to hold the LSP pointer. Currently only MPLS LSP can be assigned. |
| OSS name | fwdMplsLspPointer |
| Read-only | no |
| Tab Panel | Forwarding LSP Details LSP Instance Details MPLS TP LSP Details |
| Type | POINTER |

fwdVprnPointer**Table 3-1893 fwdVprnPointer**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | This is SAM only Attribute for selecting a Specific routerInstance/VPRN Pointer |
| Mandatory on creation | yes |
| OSS name | fwdVprnPointer |
| Read-only | no |
| Tab Panel | Forwarding Router Instance Details Router Instance VPRN |
| Type | POINTER |

Inner Dot1p

Table 3-1894 Inner Dot1p

| Name | Value |
|----------------|----------------------------------|
| Default | yes:default |
| Displayed name | Inner Dot1p |
| OSS name | innerDot1pValue |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria |
| Type | acl.Dot1pPriority |

Inner Dot1p Mask

Table 3-1895 Inner Dot1p Mask

| Name | Value |
|----------------|----------------------------------|
| Default | yes:priority_0 |
| Displayed name | Inner Dot1p Mask |
| OSS name | innerDot1pMask |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria |
| Type | acl.Dot1pPriority |

Inner Encap Value

Table 3-1896 Inner Encap Value

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the SAP Inner encapsulation of the destination for this filter entry. A value of 0 indicates that either 1) the sap encapsulation value is not specified when 'fwdSapCtpPointer' and 'fwdServiceId' have valid values; or 2) that there is no SAP destination. A value different from 0 can only be specified if the value of the 'action' property of this entry is 'forwardSap'. In addition a non-zero value can only be given if the properties 'fwdSdpBindVcId' and 'fwdSdpBindPathId' have a zero value. |
| Displayed name | Inner Encap Value |
| OSS name | fwdSapInnerEncapValue |
| Read-only | no |
| Tab Panel | Forwarding Destination SAP |
| Type | INT |

Inner Tag Value

Table 3-1897 Inner Tag Value

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Description | Specifies the value to match against the VID of the second VLAN tag in the packet that is carried transparently through the service (the second vlan tag after the service delimiting tags). This object can only be set to a non-default value if macFilterType is set to 'vid(3)'. The (default) value of '-1' indicates no inner VLAN tag matching will be performed. |
| Displayed name | Inner Tag Value |
| Maximum | 4095 |
| Minimum | -1 |
| OSS name | innerTagValue |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria VID |
| Type | INT |

Inner Tag VID Mask

Table 3-1898 Inner Tag VID Mask

| Name | Value |
|----------------|--|
| Default | yes:4095 |
| Description | It is applied as a mask to VID of the inner VLAN tag of the packet prior to comparing it with innerTagValue. This object can only be set to a non-default value if macFilterType is set to 'vid(3) |
| Displayed name | Inner Tag VID Mask |
| Maximum | 4095 |
| Minimum | 1 |
| OSS name | innerTagMask |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria VID |
| Type | LONG |

Is Local

Table 3-1899 Is Local

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-1899 Is Local (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Is Local |
| OSS name | isLocal |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

ISID High**Table 3-1900 ISID High**

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Description | Specifies the highest value of the service instance identifier for this service that matches this entry. The default value of -1 indicates no ISID matching will be performed. |
| Displayed name | ISID High |
| Maximum | 16777215 |
| Minimum | -1 |
| OSS name | isidHigh |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria ISID |
| Type | LONG |

ISID Low**Table 3-1901 ISID Low**

| Name | Value |
|----------------|---|
| Default | yes:-1 |
| Description | Specifies the lowest value of the service instance identifier for this service that matches this entry. The default value of -1 indicates no ISID matching will be performed. |
| Displayed name | ISID Low |
| Maximum | 16777215 |
| Minimum | -1 |
| OSS name | isidLow |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria ISID |

Table 3-1901 ISID Low (continued)

| Name | Value |
|------|-------|
| Type | LONG |

Log ID**Table 3-1902 Log ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Log ID |
| Maximum | 199 |
| Minimum | 0 |
| OSS name | logId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

LSP Type**Table 3-1903 LSP Type**

| Name | Value |
|--------------------------|---|
| Default | yes:lsp |
| Description | This is SAM only attribute to hold the LSP type. LSP indicates static and dynamic and mplsLsp indicates MPLS TP LSP |
| Displayed name | LSP Type |
| OSS name | fwdLspType |
| Read-only | no |
| Tab Panel | Forwarding LSP Details LSP Instance Details |
| Type | FwdLspType |
| Enumerated types: | |
| LSP | |
| MPLS TP LSP | |

Outer Dot1p**Table 3-1904 Outer Dot1p**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:default |
| Displayed name | Outer Dot1p |
| OSS name | outerDot1pValue |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria |
| Type | acl.Dot1pPriority |

Outer Dot1p Mask**Table 3-1905 Outer Dot1p Mask**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:priority_0 |
| Displayed name | Outer Dot1p Mask |
| OSS name | outerDot1pMask |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria |
| Type | acl.Dot1pPriority |

Outer Encap Value**Table 3-1906 Outer Encap Value**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the SAP Outer encapsulation of the destination for this filter entry. A value of 0 indicates that either 1) the sap encapsulation value is not specified when 'fwdSapCtpPointer' and 'fwdServiceId' have valid values; or 2) that there is no SAP destination. A value different from 0 can only be specified if the value of the 'action' property of this entry is 'forwardSap'. In addition a non-zero value can only be given if the properties 'fwdSdpBindVcId' and 'fwdSdpBindPathId' have a zero value. |
| Displayed name | Outer Encap Value |
| OSS name | fwdSapOuterEncapValue |
| Read-only | no |
| Tab Panel | Forwarding Destination SAP |
| Type | INT |

Outer Tag Value
Table 3-1907 Outer Tag Value

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Description | Specifies the value to match against the VID of the first VLAN tag in the packet that is carried transparently through the service (the first vlan tag after the service delimiting tags). This object can only be set to a non-default value if macFilterType is set to 'vid(3)'. The (default) value of '-1' indicates no outer VLAN tag matching will be performed. |
| Displayed name | Outer Tag Value |
| Maximum | 4095 |
| Minimum | -1 |
| OSS name | outerTagValue |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria VID |
| Type | INT |

Outer Tag VID Mask**Table 3-1908 Outer Tag VID Mask**

| Name | Value |
|----------------|---|
| Default | yes:4095 |
| Description | It is applied as a mask to VID of the outer VLAN tag of the packet prior to comparing it with outerTagMask. This object can only be set to a non-default value if macFilterType is set to 'vid(3)'. |
| Displayed name | Outer Tag VID Mask |
| Maximum | 4095 |
| Minimum | 1 |
| OSS name | outerTagMask |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria VID |
| Type | LONG |

Path ID**Table 3-1909 Path ID**

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 3-1909 Path ID (continued)

| Name | Value |
|----------------|--|
| Description | Specifies the SDP Binding's Path (SDP) ID of the destination for this filter entry. A value of 0 indicates that there is currently no SDP binding defined. A value different from 0 can only be specified if the value of the 'action' object of this entry is 'forwardSdp'. In addition a non-zero value can only be given if the property 'fwdSapCtpPointer' is empty and 'fwdSapInnerEncapValue' and 'fwdSapOuterEncapValue' have a zero value. |
| Displayed name | Path ID |
| Maximum | 17407 |
| Minimum | 0 |
| OSS name | fwdSdpBindPathId |
| Read-only | no |
| Tab Panel | Forwarding Destination SDP |
| Type | LONG |

Policy Type**Table 3-1910 Policy Type**

| Name | Value |
|----------------|-----------------|
| Default | yes:unspecified |
| Displayed name | Policy Type |
| OSS name | policyType |
| Read-only | yes |
| Tab Panel | General General |
| Type | PolicyType |

Port Name**Table 3-1911 Port Name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Contains the name of the port in the same format as used by CLI or SNMP MIB. Can be modified for global entry only. Cannot be modified for local entry. Is set automatically by the server depending on the name of the terminating port (as 'fwdSapCtpPointer' is pointing to). |
| Displayed name | Port Name |
| Maximum | 50 |
| Minimum | 0 |

Table 3-1911 Port Name (continued)

| Name | Value |
|-------------|----------------------------|
| OSS name | fwdSapPortName |
| Read-only | no |
| Tab Panel | Forwarding Destination SAP |
| Type | STRING |

Redirect Policy**Table 3-1912 Redirect Policy**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the redirect policy to be used to determine the nexthop. |
| Displayed name | Redirect Policy |
| OSS name | fwdRedPlyPointer |
| Read-only | no |
| Tab Panel | Forwarding Redirect Filter Policy Redirect Filter |
| Type | POINTER |

Redirect URL**Table 3-1913 Redirect URL**

| Name | Value |
|----------------|---------------------------|
| Default | yes: |
| Displayed name | Redirect URL |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | redirectURL |
| Read-only | no |
| Tab Panel | Web Redirect Redirect URL |
| Type | STRING |

Router Instance Type
Table 3-1914 Router Instance Type

| Name | Value |
|--------------------------|--|
| Default | yes:base |
| Description | Identify a virtual router type in the system. This attribute is used for SAM configuration only. |
| Displayed name | Router Instance Type |
| OSS name | routerType |
| Read-only | no |
| Tab Panel | Forwarding Router Instance Details Router Instance |
| Type | RouterType |
| Enumerated types: | |
| Base | |
| VPRN | |

Service ID**Table 3-1915 Service ID**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the service id of the destination for this filter entry. A value of 0 indicates that there is currently no active SAP or SDP destination. |
| Displayed name | Service ID |
| OSS name | fwdServiceId |
| Read-only | yes |
| Tab Panel | Forwarding Destination Service |
| Type | LONG |

SNAP OUI**Table 3-1916 SNAP OUI**

| Name | Value |
|----------------|----------|
| Default | yes:off |
| Displayed name | SNAP OUI |
| OSS name | snapOui |

Table 3-1916 SNAP OUI (continued)

| Name | Value |
|-------------|---|
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria - Snap |
| Type | acl.SnapOuiValue |

SNAP PID**Table 3-1917 SNAP PID**

| Name | Value |
|----------------|---|
| Default | yes:-1 |
| Displayed name | SNAP PID |
| Maximum | 65535 |
| Minimum | -1 |
| OSS name | snapPid |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria - Snap |
| Type | INT |

Source MAC**Table 3-1918 Source MAC**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Source MAC |
| OSS name | sourceMacAddress |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria |
| Type | MACADDR |

Src Mask**Table 3-1919 Src Mask**

| Name | Value |
|---------|-----------------------|
| Default | yes:00-00-00-00-00-00 |

Table 3-1919 Src Mask (continued)

| Name | Value |
|----------------|----------------------------------|
| Displayed name | Src Mask |
| OSS name | sourceMacAddressMask |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria |
| Type | MACADDR |

SSAP**Table 3-1920 SSAP**

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Displayed name | SSAP |
| Maximum | 255 |
| Minimum | -1 |
| OSS name | ssap |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria - Dsap Ssap |
| Type | INT |

SSAP Mask**Table 3-1921 SSAP Mask**

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Displayed name | SSAP Mask |
| Maximum | 255 |
| Minimum | -1 |
| OSS name | ssapMask |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria - Dsap Ssap |
| Type | INT |

Time Range
Table 3-1922 Time Range

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | Pointer to the instance of the Time Range object. |
| Displayed name | Time Range |
| Mandatory on creation | yes |
| OSS name | timeRangePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

valueManager:dot1p**Table 3-1923 valueManager:dot1p**

| Name | Value |
|-------------|----------------------------------|
| OSS name | valueManager:dot1p |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria |

valueManager:dsap**Table 3-1924 valueManager:dsap**

| Name | Value |
|-------------|--|
| OSS name | valueManager:dsap |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria - Dsap Ssap |

valueManager:dstMac**Table 3-1925 valueManager:dstMac**

| Name | Value |
|-------------|----------------------------------|
| OSS name | valueManager:dstMac |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria |

valueManager:ethernetType**Table 3-1926 valueManager:ethernetType**

| Name | Value |
|-------------|--|
| OSS name | valueManager:ethernetType |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria - Ethernet II |

valueManager:innerDot1p**Table 3-1927 valueManager:innerDot1p**

| Name | Value |
|-------------|----------------------------------|
| OSS name | valueManager:innerDot1p |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria |

valueManager:isid**Table 3-1928 valueManager:isid**

| Name | Value |
|-------------|---------------------------------------|
| OSS name | valueManager:isid |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria ISID |

valueManager:outerDot1p**Table 3-1929 valueManager:outerDot1p**

| Name | Value |
|-------------|----------------------------------|
| OSS name | valueManager:outerDot1p |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria |

valueManager:scrMac**Table 3-1930 valueManager:scrMac**

| Name | Value |
|-------------|----------------------------------|
| OSS name | valueManager:scrMac |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria |

valueManager:snap**Table 3-1931 valueManager:snap**

| Name | Value |
|-------------|---|
| OSS name | valueManager:snap |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria - Snap |

valueManager:ssap**Table 3-1932 valueManager:ssap**

| Name | Value |
|-------------|--|
| OSS name | valueManager:ssap |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria - Dsap Ssap |

valueManager:vidInnerTag**Table 3-1933 valueManager:vidInnerTag**

| Name | Value |
|-------------|--------------------------------------|
| OSS name | valueManager:vidInnerTag |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria VID |

valueManager:vidOuterTag**Table 3-1934 valueManager:vidOuterTag**

| Name | Value |
|-------------|--------------------------------------|
| OSS name | valueManager:vidOuterTag |
| Read-only | no |
| Tab Panel | Filter Properties Match Criteria VID |

VC ID**Table 3-1935 VC ID**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the SDP Binding's VC ID of the destination for this filter entry. A value of 0 indicates that there is currently no SDP binding defined. A value different from 0 can only be specified if the value of the 'action' object of this entry is 'forwardSdp'. In addition a non-zero value can only be given if the property 'fwdSapCtpPointer' is empty and 'fwdSapInnerEncapValue' and 'fwdSapOuterEncapValue' have a zero value. |
| Displayed name | VC ID |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | fwdSdpBindVcId |
| Read-only | no |
| Tab Panel | Forwarding Destination SDP |
| Type | LONG |

MacMatch parameters**Description****Table 3-1936 Description**

| Name | Value |
|----------------|-------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |

Table 3-1936 Description (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Destination MAC**Table 3-1937 Destination MAC**

| Name | Value |
|----------------|------------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Destination MAC |
| OSS name | destinationMacAddress |
| Read-only | no |
| Tab Panel | General Match Criteria |
| Type | MACADDR |

Destination Mask**Table 3-1938 Destination Mask**

| Name | Value |
|----------------|---------------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Destination Mask |
| OSS name | destinationMacAddressMask |
| Read-only | no |
| Tab Panel | General Match Criteria |
| Type | MACADDR |

Displayed Name**Table 3-1939 Displayed Name**

| Name | Value |
|----------------|----------------|
| Default | yes: |
| Displayed name | Displayed Name |
| Maximum | 80 |

Table 3-1939 Displayed Name (continued)

| Name | Value |
|-------------|-----------------|
| Minimum | 0 |
| OSS name | displayedName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Dot1p**Table 3-1940 Dot1p**

| Name | Value |
|----------------|------------------------|
| Default | yes:default |
| Displayed name | Dot1p |
| OSS name | dot1pValue |
| Read-only | no |
| Tab Panel | General Match Criteria |
| Type | qos.Dot1pPriority |

Dot1p Mask**Table 3-1941 Dot1p Mask**

| Name | Value |
|----------------|------------------------|
| Default | yes:priority_0 |
| Displayed name | Dot1p Mask |
| OSS name | dot1pMask |
| Read-only | no |
| Tab Panel | General Match Criteria |
| Type | qos.Dot1pPriority |

Ether Type**Table 3-1942 Ether Type**

| Name | Value |
|---------|--------|
| Default | yes:-1 |

Table 3-1942 Ether Type (continued)

| Name | Value |
|----------------|--------------------------------------|
| Displayed name | Ether Type |
| Maximum | 65535 |
| Minimum | -1 |
| OSS name | ethernetType |
| Read-only | no |
| Tab Panel | General Match Criteria - Ethernet II |
| Type | INT |

Forwarding Class

Table 3-1943 Forwarding Class

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Forwarding Class |
| OSS name | forwardingClass |
| Read-only | no |
| Tab Panel | General General |
| Type | qos.FcEnumOrDefault |

Frame Type

Table 3-1944 Frame Type

| Name | Value |
|--------------------------|-----------------|
| Default | yes:ethernetII |
| Displayed name | Frame Type |
| OSS name | frameType |
| Read-only | yes |
| Tab Panel | General General |
| Type | FrameType |
| Enumerated types: | |
| e802dot3 | |
| ethernetII | |

ID
Table 3-1945 ID

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | ID |
| Mandatory on creation | yes |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Inner Dot1p**Table 3-1946 Inner Dot1p**

| Name | Value |
|----------------|------------------------|
| Default | yes:default |
| Displayed name | Inner Dot1p |
| OSS name | innerDot1pValue |
| Read-only | no |
| Tab Panel | General Match Criteria |
| Type | qos.Dot1pPriority |

Inner Dot1p Mask**Table 3-1947 Inner Dot1p Mask**

| Name | Value |
|----------------|------------------------|
| Default | yes:priority_0 |
| Displayed name | Inner Dot1p Mask |
| OSS name | innerDot1pMask |
| Read-only | no |
| Tab Panel | General Match Criteria |
| Type | qos.Dot1pPriority |

Inner Tag Value

Table 3-1948 Inner Tag Value

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Description | Specifies the value to match against the VID of the second VLAN tag in the packet that is carried transparently through the service (the second vlan tag after the service delimiting tags). This object can only be set to a non-default value if macCritType on the policy is set to 'vid(3)'. The (default) value of '-1' indicates no inner VLAN tag matching will be performed. |
| Displayed name | Inner Tag Value |
| Maximum | 4095 |
| Minimum | -1 |
| OSS name | innerTagValue |
| Read-only | no |
| Tab Panel | General Match Criteria VID |
| Type | INT |

Inner Tag VID Mask

Table 3-1949 Inner Tag VID Mask

| Name | Value |
|----------------|---|
| Default | yes:4095 |
| Description | It is applied as a mask to VID of the inner VLAN tag of the packet prior to comparing it with innerTagValue. This object can only be set to a non-default value if macCritType on the policy is set to 'vid(3)' |
| Displayed name | Inner Tag VID Mask |
| Maximum | 4095 |
| Minimum | 1 |
| OSS name | innerTagMask |
| Read-only | no |
| Tab Panel | General Match Criteria VID |
| Type | LONG |

Outer Dot1p

Table 3-1950 Outer Dot1p

| Name | Value |
|---------|-------------|
| Default | yes:default |

Table 3-1950 Outer Dot1p (continued)

| Name | Value |
|----------------|------------------------|
| Displayed name | Outer Dot1p |
| OSS name | outerDot1pValue |
| Read-only | no |
| Tab Panel | General Match Criteria |
| Type | qos.Dot1pPriority |

Outer Dot1p Mask**Table 3-1951 Outer Dot1p Mask**

| Name | Value |
|----------------|------------------------|
| Default | yes:priority_0 |
| Displayed name | Outer Dot1p Mask |
| OSS name | outerDot1pMask |
| Read-only | no |
| Tab Panel | General Match Criteria |
| Type | qos.Dot1pPriority |

Outer Tag Value**Table 3-1952 Outer Tag Value**

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Description | Specifies the value to match against the VID of the first VLAN tag in the packet that is carried transparently through the service (the first vlan tag after the service delimiting tags). This object can only be set to a non-default value if macCritType on the policy is set to 'vid(3)'. The (default) value of '-1' indicates no outer VLAN tag matching will be performed. |
| Displayed name | Outer Tag Value |
| Maximum | 4095 |
| Minimum | -1 |
| OSS name | outerTagValue |
| Read-only | no |
| Tab Panel | General Match Criteria VID |
| Type | INT |

Outer Tag VID Mask
Table 3-1953 Outer Tag VID Mask

| Name | Value |
|----------------|---|
| Default | yes:4095 |
| Description | It is applied as a mask to VID of the outer VLAN tag of the packet prior to comparing it with outerTagMask. This object can only be set to a non-default value if macCritType on the policy is set to 'vid(3)'. |
| Displayed name | Outer Tag VID Mask |
| Maximum | 4095 |
| Minimum | 1 |
| OSS name | outerTagMask |
| Read-only | no |
| Tab Panel | General Match Criteria VID |
| Type | LONG |

Profile**Table 3-1954 Profile**

| Name | Value |
|----------------|------------------|
| Default | yes:out |
| Displayed name | Profile |
| OSS name | defaultFcProfile |
| Read-only | no |
| Tab Panel | General General |
| Type | qos.Profile |

Source MAC**Table 3-1955 Source MAC**

| Name | Value |
|----------------|------------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Source MAC |
| OSS name | sourceMacAddress |
| Read-only | no |
| Tab Panel | General Match Criteria |

Table 3-1955 Source MAC (continued)

| Name | Value |
|------|---------|
| Type | MACADDR |

Source Mask**Table 3-1956 Source Mask**

| Name | Value |
|----------------|------------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Source Mask |
| OSS name | sourceMacAddressMask |
| Read-only | no |
| Tab Panel | General Match Criteria |
| Type | MACADDR |

valueManager:dot1p**Table 3-1957 valueManager:dot1p**

| Name | Value |
|-------------|------------------------|
| OSS name | valueManager:dot1p |
| Read-only | no |
| Tab Panel | General Match Criteria |

valueManager:dstMac**Table 3-1958 valueManager:dstMac**

| Name | Value |
|-------------|------------------------|
| OSS name | valueManager:dstMac |
| Read-only | no |
| Tab Panel | General Match Criteria |

valueManager:ethernetType**Table 3-1959 valueManager:ethernetType**

| Name | Value |
|-------------|--------------------------------------|
| OSS name | valueManager:ethernetType |
| Read-only | no |
| Tab Panel | General Match Criteria - Ethernet II |

valueManager:ingrMacVidInnerTag**Table 3-1960 valueManager:ingrMacVidInnerTag**

| Name | Value |
|-------------|---------------------------------|
| OSS name | valueManager:ingrMacVidInnerTag |
| Read-only | no |
| Tab Panel | General Match Criteria VID |

valueManager:ingrMacVidOuterTag**Table 3-1961 valueManager:ingrMacVidOuterTag**

| Name | Value |
|-------------|---------------------------------|
| OSS name | valueManager:ingrMacVidOuterTag |
| Read-only | no |
| Tab Panel | General Match Criteria VID |

valueManager:innerDot1p**Table 3-1962 valueManager:innerDot1p**

| Name | Value |
|-------------|-------------------------|
| OSS name | valueManager:innerDot1p |
| Read-only | no |
| Tab Panel | General Match Criteria |

valueManager:outerDot1p**Table 3-1963 valueManager:outerDot1p**

| Name | Value |
|-------------|-------------------------|
| OSS name | valueManager:outerDot1p |
| Read-only | no |
| Tab Panel | General Match Criteria |

valueManager:scrMac**Table 3-1964 valueManager:scrMac**

| Name | Value |
|-------------|------------------------|
| OSS name | valueManager:scrMac |
| Read-only | no |
| Tab Panel | General Match Criteria |

Maintenance Domain parameters

Configuration Mode**Table 3-1965 Configuration Mode**

| Name | Value |
|----------------|------------------------------|
| Default | yes:draft |
| Displayed name | Configuration Mode |
| OSS name | configurationMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | ConfigurationMode |

Description**Table 3-1966 Description**

| Name | Value |
|----------------|-------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |

Table 3-1966 Description (continued)

| Name | Value |
|-------------|-----------------|
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Discovery State

Table 3-1967 Discovery State

| Name | Value |
|----------------|--|
| Default | yes:notApplicable |
| Description | Only applicable to the global policy. Set to "inProgress" if the global policy is created as part of the specific NE resync during the full node resync or node discovery. At the end of full node resync, if the resync is successful, the global policy is completely updated from first discovered local policy and its discoveryState is set to "completed". Otherwise, the global policy is not updated and its discoveryState is set to "failed". For "failed" global policy, it will be updated by next successful full node resync or synchronized from the specific local policy. Set to "initialized" if the global policy is created by SNMP trap notification. User may need to synchronize the global policy manually with the specific local policy. Set to "N/A" if the global policy is created or modified by a SAM user. |
| Displayed name | Discovery State |
| OSS name | discoveryState |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DiscoveryState |

Distribution Mode

Table 3-1968 Distribution Mode

| Name | Value |
|----------------|------------------------------|
| Default | yes:syncWithGlobal |
| Displayed name | Distribution Mode |
| OSS name | distributionMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DistributionMode |

Last Sync From
Table 3-1969 Last Sync From

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | Only applicable to the global policy. Set to the siteld if the policy is created as the part of the specific NE resync or by SNMP notification. Set to user name if the policy is created by a SAM user. |
| Displayed name | Last Sync From |
| Maximum | 50 |
| OSS name | origin |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | STRING |

Last Sync Time**Table 3-1970 Last Sync Time**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Only applicable to the global policy. Specifies the time at which latest sync occurred. |
| Displayed name | Last Sync Time |
| OSS name | lastSyncTime |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DATE |

Level**Table 3-1971 Level**

| Name | Value |
|-----------------------|--------------------------------|
| Default | yes:0 |
| Description | Specifies the MD level 0 to 7. |
| Displayed name | Level |
| Mandatory on creation | yes |
| Maximum | 7 |

Table 3-1971 Level (continued)

| Name | Value |
|-------------|------------------|
| Minimum | 0 |
| OSS name | maintDomainLevel |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Maintenance Domain ID**Table 3-1972 Maintenance Domain ID**

| Name | Value |
|-----------------------|--|
| Default | yes:0 |
| Description | The identifier for the MaintenanceDomain ID. If global maintDomainId is 0, SAM will attempt to use the "id" as the value for this; if this value is not available, SAM will use the first available id for "maintDomainId". If global maintDomainId is non-0, SAM will enforce the maintDomainId on the Maintenance Domain local distribution; if this value is not available, SAM will fail distribution. This is not supported on AOS nodes. |
| Displayed name | Maintenance Domain ID |
| Mandatory on creation | yes |
| Maximum | 4294967295 |
| Minimum | 1 |
| OSS name | maintDomainId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

MD Mgr Object ID**Table 3-1973 MD Mgr Object ID**

| Name | Value |
|-----------------------|------------------|
| Default | yes:0 |
| Displayed name | MD Mgr Object ID |
| Mandatory on creation | yes |
| Maximum | 4294967295 |
| Minimum | 0 |

Table 3-1973 MD Mgr Object ID (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

MHF-Creation**Table 3-1974 MHF-Creation**

| Name | Value |
|--------------------------|--|
| Default | yes:none |
| Description | The MHF creation for this MEG. This attribute is only applicable to OMNI switch. |
| Displayed name | MHF-Creation |
| OSS name | mhfCreation |
| Read-only | no |
| Tab Panel | General Site |
| Type | MhfCreationEnum |
| Enumerated types: | |
| | default |
| | defer |
| | explicit |
| | none |
| | static |

MHF-Id-Permission**Table 3-1975 MHF-Id-Permission**

| Name | Value |
|----------------|--|
| Default | yes:sendIdNone |
| Description | Enumerated value indicating what, if anything, is to be included in the Sender ID TLV (21.5.3) transmitted by MPS configured in this Maintenance Domain. Since, in this variable, there is no encompassing Maintenance Domain, the value sendIdDefer is not allowed. |
| Displayed name | MHF-Id-Permission |
| OSS name | mhfIdPermission |
| Read-only | no |

Table 3-1975 MHF-Id-Permission (continued)

| Name | Value |
|--------------------------|---------------------------|
| Tab Panel | General Site |
| Type | Dot1agCfmIdPermissionEnum |
| Enumerated types: | |
| chassis | |
| chassisManage | |
| defer | |
| manage | |
| none | |

Name**Table 3-1976 Name**

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Mandatory on creation | yes |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Name Type**Table 3-1977 Name Type**

| Name | Value |
|-----------------------|--|
| Default | yes:string |
| Description | Specifies the maintenance domain type. |
| Displayed name | Name Type |
| Mandatory on creation | yes |
| OSS name | maintDomainNameType |
| Read-only | no |

Table 3-1977 Name Type (continued)

| Name | Value |
|--------------------------|---------------------|
| Tab Panel | General General |
| Type | MaintDomainNameType |
| Enumerated types: | |
| dns | |
| mac | |
| none | |
| string | |

Policy Scope**Table 3-1978 Policy Scope**

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Displayed name | Policy Scope |
| OSS name | isLocal |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | BOOL |

Site ID**Table 3-1979 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name
Table 3-1980 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Management Port parameters

Accounting Policy**Table 3-1981 Accounting Policy**

| Name | Value |
|----------------|-------------------------------|
| Default | yes: |
| Displayed name | Accounting Policy |
| OSS name | accountingPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Accounting |
| Type | POINTER |

Accounting Policy**Table 3-1982 Accounting Policy**

| Name | Value |
|----------------|--------------------------------------|
| Default | yes: |
| Displayed name | Accounting Policy |
| OSS name | etherAccountingPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Ethernet Accounting |
| Type | POINTER |

Actual Speed
Table 3-1983 Actual Speed

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Actual Speed |
| OSS name | actualSpeed |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |
| Units | kbps |

Administrative State**Table 3-1984 Administrative State**

| Name | Value |
|--------------------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General Equipment |
| Type | AdministrativeState |
| Enumerated types: | |
| Diagnose | |
| Down | |
| Locked | |
| Maintenance | |
| Not Relevant | |
| Operate Switch | |
| Shutting Down | |
| Unknown | |
| Unlocked | |
| Up | |

Administrative State
Table 3-1985 Administrative State

| Name | Value |
|--------------------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | AdministrativeState |
| Enumerated types: | |
| Diagnose | |
| Down | |
| Locked | |
| Maintenance | |
| Not Relevant | |
| Operate Switch | |
| Shutting Down | |
| Unknown | |
| Unlocked | |
| Up | |

Automatic VLAN Binding**Table 3-1986 Automatic VLAN Binding**

| Name | Value |
|----------------|------------------------|
| Default | yes:true |
| Displayed name | Automatic VLAN Binding |
| OSS name | vlanAutoBind |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Background Diagnostics Fault Reason**Table 3-1987 Background Diagnostics Fault Reason**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Displayed name | Background Diagnostics Fault Reason |
| OSS name | backgroundDiagnosticsFaultReason |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Background Diagnostics State**Table 3-1988 Background Diagnostics State**

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:unknown |
| Displayed name | Background Diagnostics State |
| OSS name | backgroundDiagnosticsState |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | BackgroundDiagnosticsStateType |
| Enumerated types: | |
| | Critical Fault Detected |
| | Fault Detected |
| | N/A |
| | Ok |
| | Unknown |

Class**Table 3-1989 Class**

| Name | Value |
|----------------|-----------|
| Default | yes:none |
| Displayed name | Class |
| OSS name | portClass |
| Read-only | yes |

Table 3-1989 Class (continued)

| Name | Value |
|--------------------------|-----------------|
| Tab Panel | General General |
| Type | PortClass |
| Enumerated types: | |
| 10 Gigabit Ethernet | |
| 100 Gigabit Ethernet | |
| 40 Gigabit Ethernet | |
| DSL | |
| Fast Ethernet | |
| Gigabit Ethernet | |
| GPON | |
| GPS | |
| None | |
| Radio | |
| Serial | |
| SONET | |
| SONET Channel | |
| TDM | |
| Variable Speed Ethernet | |
| Virtual Port | |
| Voice | |
| VSM Ethernet | |
| WDM | |

CLEI Code**Table 3-1990 CLEI Code**

| Name | Value |
|----------------|-----------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |

Table 3-1990 CLEI Code (continued)

| Name | Value |
|-------------|----------------------------------|
| Tab Panel | General Equipment Location Codes |
| Type | STRING |

CLI Name**Table 3-1991 CLI Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | CLI Name |
| Maximum | 252 |
| OSS name | portName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Collect Accounting Statistics**Table 3-1992 Collect Accounting Statistics**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:true |
| Displayed name | Collect Accounting Statistics |
| OSS name | collectStats |
| Read-only | no |
| Tab Panel | Policies.General Accounting |
| Type | BOOL |

Collect Accounting Statistics**Table 3-1993 Collect Accounting Statistics**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:false |
| Displayed name | Collect Accounting Statistics |
| OSS name | etherCollectStats |

Table 3-1993 Collect Accounting Statistics (continued)

| Name | Value |
|-------------|--------------------------------------|
| Read-only | no |
| Tab Panel | Policies.General Ethernet Accounting |
| Type | BOOL |

Combiner**Table 3-1994 Combiner**

| Name | Value |
|----------------|---|
| Default | yes:disable |
| Description | Enable/Disable Combiner(SD)function on MPT. |
| Displayed name | Combiner |
| OSS name | mptCombiner |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | LONG |

Configured MAC**Table 3-1995 Configured MAC**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Configured MAC |
| OSS name | macAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | MACADDR |

Containing Equipment Status**Table 3-1996 Containing Equipment Status**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:indeterminate |
| Displayed name | Containing Equipment Status |

Table 3-1996 Containing Equipment Status (continued)

| Name | Value |
|--------------------------|--------------------------|
| OSS name | containingEquipmentState |
| Read-only | yes |
| Tab Panel | States General |
| Type | ContainingEquipmentState |
| Enumerated types: | |
| Admin Down | |
| Equipment In Test | |
| N/A | |
| OK | |
| Oper Down | |
| Removed | |
| Type Mismatch | |

Description**Table 3-1997 Description**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 256 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Encapsulation Type**Table 3-1998 Encapsulation Type**

| Name | Value |
|----------------|--------------------|
| Default | yes:nullEncap |
| Displayed name | Encapsulation Type |
| OSS name | encapType |

Table 3-1998 Encapsulation Type (continued)

| Name | Value |
|--------------------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | PortEncapType |
| Enumerated types: | |
| ATM | |
| BCP Dot1 Q | |
| BCP Null | |
| CEM | |
| Cisco HDLC | |
| Dot1 Q | |
| FR | |
| HDLC | |
| IPCP | |
| MPLS | |
| N/A | |
| Null | |
| PPP Auto | |
| Q in Q | |
| WAN Mirror | |

Equipped**Table 3-1999 Equipped**

| Name | Value |
|----------------|----------------|
| Default | yes:false |
| Displayed name | Equipped |
| OSS name | isEquipped |
| Read-only | yes |
| Tab Panel | States General |
| Type | BOOL |

Firmware Revision Status
Table 3-2000 Firmware Revision Status

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:notApplicable |
| Displayed name | Firmware Revision Status |
| OSS name | hwFirmwareRevisionStatus |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | HwFirmwareRevisionStatusTypes |
| Enumerated types: | |
| Acceptable | |
| Not Acceptable | |
| Not Applicable | |
| Upgrade Pending | |
| Upgrading | |

Hardware Class**Table 3-2001 Hardware Class**

| Name | Value |
|--------------------------|------------------------------|
| Default | no |
| Displayed name | Hardware Class |
| OSS name | hardwareClass |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | HardwareClassType |
| Enumerated types: | |
| External Alarm Input | |
| Fam | |
| N/A | |

Hardware MAC
Table 3-2002 Hardware MAC

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Hardware MAC |
| OSS name | hwMacAddress |
| Read-only | yes |
| Tab Panel | General General |
| Type | MACADDR |

Hold Time Down**Table 3-2003 Hold Time Down**

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Hold Time Down |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | holdTimeDown |
| Read-only | no |
| Tab Panel | General Hold Time |
| Type | INT |
| Units | seconds |

Hold Time Units**Table 3-2004 Hold Time Units**

| Name | Value |
|--------------------------|-------------------|
| Default | yes:0 |
| Displayed name | Hold Time Units |
| OSS name | holdTimeUnits |
| Read-only | no |
| Tab Panel | General Hold Time |
| Type | HoldTimeUnitsType |
| Enumerated types: | |

Table 3-2004 Hold Time Units (continued)

| Name | Value |
|--------------|-------|
| Centiseconds | |
| Seconds | |

Hold Time Up**Table 3-2005 Hold Time Up**

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Hold Time Up |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | holdTimeUp |
| Read-only | no |
| Tab Panel | General Hold Time |
| Type | INT |
| Units | seconds |

Holding IGH**Table 3-2006 Holding IGH**

| Name | Value |
|----------------|------------------------------------|
| Default | yes: |
| Description | ECMP fate sharing group membership |
| Displayed name | Holding IGH |
| OSS name | memberOfIGH |
| Read-only | yes |
| Tab Panel | General IGH Membership |
| Type | POINTER |

HSMDA Egress Scheduler Policy
Table 3-2007 HSMDA Egress Scheduler Policy

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the hsmda scheduler policy used by this port |
| Displayed name | HSMDA Egress Scheduler Policy |
| OSS name | portEgrHsmdaSchedulerPolicy |
| Read-only | no |
| Tab Panel | Policies.General HSMDA Scheduler |
| Type | POINTER |

Interface ID**Table 3-2008 Interface ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Interface ID |
| OSS name | snmpPortId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

L2 Profile**Table 3-2009 L2 Profile**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Pointer to the L2 Profile Policy object. |
| Displayed name | L2 Profile |
| OSS name | l2ProfilePointer |
| Read-only | no |
| Tab Panel | Policies.General L2 Profile |
| Type | POINTER |

L2Uplink**Table 3-2010 L2Uplink**

| Name | Value |
|----------------|-----------------|
| Default | yes:false |
| Displayed name | L2Uplink |
| OSS name | isL2UplinkMode |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Link Trap**Table 3-2011 Link Trap**

| Name | Value |
|----------------|-----------------|
| Default | yes:disable |
| Displayed name | Link Trap |
| OSS name | linkTrap |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Link Up**Table 3-2012 Link Up**

| Name | Value |
|----------------|----------------|
| Default | yes:false |
| Displayed name | Link Up |
| OSS name | isLinkUp |
| Read-only | yes |
| Tab Panel | States General |
| Type | BOOL |

Load Balance Algorithm

Table 3-2013 Load Balance Algorithm

| Name | Value |
|----------------|---|
| Default | yes:notApplicable |
| Description | Specifies the load balancing algorithm to be used on this port. |
| Displayed name | Load Balance Algorithm |
| OSS name | loadBalanceAlgorithm |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.PortLoadBalanceAlgorithm |

Manufacture Date

Table 3-2014 Manufacture Date

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacture Date |
| Maximum | 252 |
| OSS name | manufactureDate |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturer

Table 3-2015 Manufacturer

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturer |
| Maximum | 252 |
| OSS name | manufacturer |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Assembly No**Table 3-2016 Manufacturing Assembly No**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Assembly No |
| OSS name | manufacturingAssemblyNo |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Deviations**Table 3-2017 Manufacturing Deviations**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Deviations |
| OSS name | manufacturingDeviations |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Variant**Table 3-2018 Manufacturing Variant**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Variant |
| OSS name | manufacturingVariant |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Mode**Table 3-2019 Mode**

| Name | Value |
|--------------------------|-----------------|
| Default | yes:undefined |
| Displayed name | Mode |
| OSS name | mode |
| Read-only | no |
| Tab Panel | General General |
| Type | PortMode |
| Enumerated types: | |
| Access | |
| Hybrid | |
| N/A | |
| Network | |

MTU**Table 3-2020 MTU**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | MTU |
| OSS name | mtuValue |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |
| Units | bytes |

Name**Table 3-2021 Name**

| Name | Value |
|----------------|---------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayedName |

Table 3-2021 Name (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Network Queue Policy Name**Table 3-2022 Network Queue Policy Name**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:default |
| Displayed name | Network Queue Policy Name |
| Maximum | 32 |
| Minimum | 1 |
| OSS name | networkQueuePolicyName |
| Read-only | yes |
| Tab Panel | Policies.General Network Queue |
| Type | STRING |

Operational State**Table 3-2023 Operational State**

| Name | Value |
|--------------------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | OperationalState |
| Enumerated types: | |
| Booting | |
| Degraded | |
| Diagnosing | |
| Disabled | |
| Down | |

Table 3-2023 Operational State (continued)

| Name | Value |
|----------------------|-------|
| Downgrade | |
| Empty | |
| Enabled | |
| Failed | |
| In Service Downgrade | |
| In Service Upgrade | |
| Indeterminate | |
| Invalid Connection | |
| No Link | |
| Not Present | |
| Not Relevant | |
| Provisioned | |
| Reserved | |
| Reset Pending | |
| Shutting Down | |
| Soft Reset | |
| Testing | |
| Transition | |
| Unknown | |
| Unprovisioned | |
| Unsupported SFF | |
| Up | |
| Upgrade | |

Operational State**Table 3-2024 Operational State**

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |

Table 3-2024 Operational State (continued)

| Name | Value |
|--------------------------|------------------|
| Type | OperationalState |
| Enumerated types: | |
| Booting | |
| Degraded | |
| Diagnosing | |
| Disabled | |
| Down | |
| Downgrade | |
| Empty | |
| Enabled | |
| Failed | |
| In Service Downgrade | |
| In Service Upgrade | |
| Indeterminate | |
| Invalid Connection | |
| No Link | |
| Not Present | |
| Not Relevant | |
| Provisioned | |
| Reserved | |
| Reset Pending | |
| Shutting Down | |
| Soft Reset | |
| Testing | |
| Transition | |
| Unknown | |
| Unprovisioned | |
| Unsupported SFF | |
| Up | |
| Upgrade | |

Part Number**Table 3-2025 Part Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Part Number |
| Maximum | 252 |
| OSS name | manufacturerBoardNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Port Scheduler Policy**Table 3-2026 Port Scheduler Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the port scheduler policy used by this port |
| Displayed name | Port Scheduler Policy |
| OSS name | portSchedulerPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Port Scheduler |
| Type | POINTER |

Port Usage**Table 3-2027 Port Usage**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Port Usage |
| OSS name | portUsage |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | INT |

Previous State
Table 3-2028 Previous State

| Name | Value |
|--------------------------|----------------|
| Default | yes:1 |
| Displayed name | Previous State |
| OSS name | previousState |
| Read-only | yes |
| Tab Panel | States General |
| Type | PortState |
| Enumerated types: | |
| Diagnose | |
| Ghost | |
| Link Down | |
| Link Up | |
| None | |
| Up | |

Queue 1**Table 3-2029 Queue 1**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 1 |
| OSS name | portStatsQueue1PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 2**Table 3-2030 Queue 2**

| Name | Value |
|----------------|------------------------|
| Default | yes:false |
| Displayed name | Queue 2 |
| OSS name | portStatsQueue2PktsFWd |

Table 3-2030 Queue 2 (continued)

| Name | Value |
|-------------|--|
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 3**Table 3-2031 Queue 3**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 3 |
| OSS name | portStatsQueue3PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 4**Table 3-2032 Queue 4**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 4 |
| OSS name | portStatsQueue4PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 5**Table 3-2033 Queue 5**

| Name | Value |
|----------------|------------------------|
| Default | yes:false |
| Displayed name | Queue 5 |
| OSS name | portStatsQueue5PktsFWd |

Table 3-2033 Queue 5 (continued)

| Name | Value |
|-------------|--|
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 6**Table 3-2034 Queue 6**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 6 |
| OSS name | portStatsQueue6PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 7**Table 3-2035 Queue 7**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 7 |
| OSS name | portStatsQueue7PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 8**Table 3-2036 Queue 8**

| Name | Value |
|----------------|------------------------|
| Default | yes:false |
| Displayed name | Queue 8 |
| OSS name | portStatsQueue8PktsFWd |

Table 3-2036 Queue 8 (continued)

| Name | Value |
|-------------|--|
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Serial Number**Table 3-2037 Serial Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Serial Number |
| Maximum | 252 |
| OSS name | serialNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Site ID**Table 3-2038 Site ID**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site Name**Table 3-2039 Site Name**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-2039 Site Name (continued)

| Name | Value |
|----------------|-------------------|
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Speed

Table 3-2040 Speed

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Speed |
| OSS name | speed |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.Speed |
| Units | Mbps |

State

Table 3-2041 State

| Name | Value |
|--------------------------|----------------|
| Default | yes:1 |
| Displayed name | State |
| OSS name | state |
| Read-only | yes |
| Tab Panel | States General |
| Type | PortState |
| Enumerated types: | |
| Diagnose | |
| Ghost | |
| Link Down | |

Table 3-2041 State (continued)

| Name | Value |
|---------|-------|
| Link Up | |
| None | |
| Up | |

Status**Table 3-2042 Status**

| Name | Value |
|--------------------------|-------------------------|
| Default | yes:indeterminate |
| Displayed name | Status |
| OSS name | compositeEquipmentState |
| Read-only | yes |
| Tab Panel | States General |
| Type | CompositeEquipmentState |
| Enumerated types: | |
| Admin Down | |
| In Test | |
| Link Down | |
| N/A | |
| OK | |
| Oper Down | |
| Parent Admin Down | |
| Parent In Test | |
| Parent Oper Down | |
| Parent Removed | |
| Parent Type Mismatch | |
| Removed | |
| Type Mismatch | |

Subrack Connection
Table 3-2043 Subrack Connection

| Name | Value |
|----------------|--|
| Default | no |
| Description | specifies where the MPT is connected to on the subrack |
| Displayed name | Subrack Connection |
| OSS name | mptSubrackPointer |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | POINTER |

UNI Profile**Table 3-2044 UNI Profile**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the UNI Profile Policy object. |
| Displayed name | UNI Profile |
| OSS name | uniProfilePointer |
| Read-only | no |
| Tab Panel | Policies.General UNI Profile |
| Type | POINTER |

User label**Table 3-2045 User label**

| Name | Value |
|----------------|-----------------|
| Default | no |
| Displayed name | User label |
| Maximum | 15 |
| OSS name | userLabel |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

MC LAG Configuration parameters

Administrative State

Table 3-2046 Administrative State

| Name | Value |
|----------------|--|
| Default | yes:tmnxOutOfService |
| Description | Indicates the administrative state of the MC-LAG with the indicated peer. Turning the administrative state down will bring down all operational MC-LAG's in the indicated peer |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | netw.AdministrativeState |

Keep-Alive Interval

Table 3-2047 Keep-Alive Interval

| Name | Value |
|----------------|--|
| Default | yes:10 |
| Description | Indicates the MC-LAG keepalive timer value in units of 0.1 sec. This defines the interval at which keep-alive messages are exchanged between two systems participating in MC-LAG. These keep-alive messages are used to determine remote-node failure. |
| Displayed name | Keep-Alive Interval |
| Maximum | 500 |
| Minimum | 5 |
| OSS name | keepAliveInterval |
| Read-only | no |
| Tab Panel | General Intervals |
| Type | LONG |
| Units | deciseconds |

Last Operational State Change

Table 3-2048 Last Operational State Change

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 3-2048 Last Operational State Change (continued)

| Name | Value |
|----------------|--|
| Description | Indicates the sysUpTime at the time of the last operational state change for this MC-LAG peer. |
| Displayed name | Last Operational State Change |
| OSS name | lastOperationalStateChange |
| Read-only | yes |
| Tab Panel | General States |
| Type | DATE |

Lost Connection Wait Interval**Table 3-2049 Lost Connection Wait Interval**

| Name | Value |
|----------------|--|
| Default | yes:3 |
| Description | Indicates how many keepAliveInterval intervals the standby node will wait for packets from the active node before assuming a redundant-neighbor node failure. This delay in switch-over operation is required to accommodate for different factors influencing node failure detection rate, such as IGP convergence, or HA switch-over times and to prevent the standby node from taking actions prematurely." |
| Displayed name | Lost Connection Wait Interval |
| Maximum | 25 |
| Minimum | 2 |
| OSS name | holdOnNeighborFailure |
| Read-only | no |
| Tab Panel | General Intervals |
| Type | LONG |

Operational State**Table 3-2050 Operational State**

| Name | Value |
|----------------|---|
| Default | yes:outOfService |
| Description | Indicates the operational status of this MC-LAG peer. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |

Table 3-2050 Operational State (continued)

| Name | Value |
|--------------------------|---------------------------|
| Tab Panel | General States |
| Type | McLagPeerOperationalState |
| Enumerated types: | |
| Down | |
| Up | |

Peer Address**Table 3-2051 Peer Address**

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | The IP address on peer router to send multi-chassis communication. |
| Displayed name | Peer Address |
| OSS name | peerIpAddress |
| Read-only | yes |
| Tab Panel | General Site |
| Type | INETADDR |

Peer Site Pointer**Table 3-2052 Peer Site Pointer**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Corresponds to the matching Peer Should be thought as if it were called matchingPeerSite-Pointer |
| Displayed name | Peer Site Pointer |
| OSS name | peerSitePointer |
| Read-only | yes |
| Tab Panel | General Peer |
| Type | POINTER |

Site Pointer
Table 3-2053 Site Pointer

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Pointer |
| OSS name | sitePointer |
| Read-only | yes |
| Tab Panel | General Site |
| Type | POINTER |

MC LAG parameters

Config Mismatch**Table 3-2054 Config Mismatch**

| Name | Value |
|----------------|---|
| Description | Printable character string which contains information about the multi-chassis configuration mismatch. |
| Displayed name | Config Mismatch |
| OSS name | configMismatch |
| Read-only | yes |
| Tab Panel | States General |
| Type | STRING |

Config Mismatches**Table 3-2055 Config Mismatches**

| Name | Value |
|----------------|--|
| Default | yes:unspecified |
| Description | Indicates the operational status of the multi-chassis configuration. |
| Displayed name | Config Mismatches |
| OSS name | configMismatches |
| Read-only | yes |
| Tab Panel | States General |
| Type | LONG |

Flush Ethernet Ring Enabled

Table 3-2056 Flush Ethernet Ring Enabled

| Name | Value |
|----------------|---|
| Default | yes:disabled |
| Description | This specifies whether or not to flush the ethernet rings (ERP) to which the services that the LAG is part of are attached. |
| Displayed name | Flush Ethernet Ring Enabled |
| OSS name | flushEthRingOnActive |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AluWdmEnabledDisabled |

Is Active

Table 3-2057 Is Active

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Indicates if this MC-LAG member is active or standby. |
| Displayed name | Is Active |
| OSS name | isActive |
| Read-only | yes |
| Tab Panel | States General |
| Type | BOOL |

Is Advertised

Table 3-2058 Is Advertised

| Name | Value |
|----------------|--|
| Description | Indicates if the MC-LAG identifier values (i.e. systemId, systemPriority and lacpKey) are advertised to the LACP peer. |
| Displayed name | Is Advertised |
| OSS name | isAdvertised |
| Read-only | yes |
| Tab Panel | States General |
| Type | BOOL |

Is Using Extended TimeOut

Table 3-2059 Is Using Extended TimeOut

| Name | Value |
|----------------|---|
| Description | Indicates whether or not the system is using the value of holdOnNeighborFailure. If true, the system is temporarily using a larger value than the value configured in holdOnNeighborFailure." |
| Displayed name | Is Using Extended TimeOut |
| OSS name | isUsingExtendedTimeOut |
| Read-only | yes |
| Tab Panel | States General |
| Type | BOOL |

LACP Key

Table 3-2060 LACP Key

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Identifier for MC-LAG which is a 16 bit key that needs to be configured in the same manner on both sides of the MC-LAG in order for the MC-LAG to come up. The value of this attribute has to be unique with in the context of the peer. |
| Displayed name | LACP Key |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | lacpKey |
| Read-only | no |
| Tab Panel | General MC LAG Identifiers |
| Type | LONG |

lagInterfacePointer

Table 3-2061 lagInterfacePointer

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | The FDN of the LAG in this router that is being protected. |
| Mandatory on creation | yes |
| OSS name | lagInterfacePointer |

Table 3-2061 lagInterfacePointer (continued)

| Name | Value |
|-------------|-------------|
| Read-only | no |
| Tab Panel | General LAG |
| Type | POINTER |

MAC LSB**Table 3-2062 MAC LSB**

| Name | Value |
|----------------|--|
| Default | yes:00-00 |
| Description | The value of srcBMacLSB specifies the value of last 16-bits of the MAC address used for all the traffic ingressing the MC-Lag links. Possible values are: 00-00..FF-FF (0..65535) and FF-FF-FF-FF (4294967295). FF-FF-FF-FF indicates the use of the LACP-Key as source backbone MAC address LSB. If set to 'FF-FF-FF-FF', the value of 'srcBMacLsbUseLacp-Key' property is set to true. |
| Displayed name | MAC LSB |
| Maximum | 11 |
| Minimum | 5 |
| OSS name | srcBMacLSB |
| Read-only | no |
| Tab Panel | General PBB Source Backbone MAC LSB |
| Type | STRING |
| Units | hex |

mcLagPointer**Table 3-2063 mcLagPointer**

| Name | Value |
|-------------|----------------------|
| Default | yes: |
| OSS name | mcLagPointer |
| Read-only | yes |
| Tab Panel | General MC LAG Group |
| Type | POINTER |

Operational MAC LSB
Table 3-2064 Operational MAC LSB

| Name | Value |
|----------------|---|
| Description | The value of operationalSrcBMacLSB indicates the operational value of last 16-bits of the MAC address used for all the traffic ingressing the MC-Lag. |
| Displayed name | Operational MAC LSB |
| OSS name | operationalSrcBMacLSB |
| Read-only | yes |
| Tab Panel | General PBB Source Backbone MAC LSB |
| Type | STRING |

Peer Address**Table 3-2065 Peer Address**

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | The IP address on peer router to send multi-chassis communication. |
| Displayed name | Peer Address |
| OSS name | peerIpAddress |
| Read-only | yes |
| Tab Panel | General Site |
| Type | INETADDR |

Peer Site Pointer**Table 3-2066 Peer Site Pointer**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Corresponds to the matching Peer Should be thought as if it were called matchingPeerSite-Pointer |
| Displayed name | Peer Site Pointer |
| OSS name | peerSitePointer |
| Read-only | yes |
| Tab Panel | General Peer |
| Type | POINTER |

Remote LAG ID
Table 3-2067 Remote LAG ID

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The Id of the LAG in the peer router that is protecting the LAG in this router. |
| Displayed name | Remote LAG ID |
| Maximum | 200 |
| Minimum | 1 |
| OSS name | remoteLagId |
| Read-only | no |
| Tab Panel | General Remote LAG |
| Type | INT |

remoteLagInterfacePointer**Table 3-2068 remoteLagInterfacePointer**

| Name | Value |
|-------------|---------------------------|
| Default | yes: |
| OSS name | remoteLagInterfacePointer |
| Read-only | yes |
| Tab Panel | General Remote LAG |
| Type | POINTER |

Selection Logic**Table 3-2069 Selection Logic**

| Name | Value |
|----------------|---|
| Description | Printable character string containing information about the multi-chassis selection logic |
| Displayed name | Selection Logic |
| OSS name | selectionLogic |
| Read-only | yes |
| Tab Panel | States General |
| Type | STRING |

Site Pointer
Table 3-2070 Site Pointer

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Pointer |
| OSS name | sitePointer |
| Read-only | yes |
| Tab Panel | General Site |
| Type | POINTER |

System ID**Table 3-2071 System ID**

| Name | Value |
|----------------|---|
| Default | yes:00-00-00-00-00-00 |
| Description | Identifier for MC-LAG which is an address that needs to be configured in the same manner on both sides of the MC-LAG in order for the MC-LAG to come up. The value of this attribute has to be unique in the context of the peer. |
| Displayed name | System ID |
| OSS name | systemId |
| Read-only | no |
| Tab Panel | General MC LAG Identifiers |
| Type | MACADDR |

System Priority**Table 3-2072 System Priority**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Identifier for MC-LAG which is a value that needs to be configured in the same manner on both sides of the MC-LAG in order for the MC-LAG to come up. A low numeric value specifies a high system priority. |
| Displayed name | System Priority |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | systemPriority |

Table 3-2072 System Priority (continued)

| Name | Value |
|-------------|----------------------------|
| Read-only | no |
| Tab Panel | General MC LAG Identifiers |
| Type | LONG |

Use LACP Key**Table 3-2073 Use LACP Key**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Indicates the use of the lacp-key as source backbone MAC address LSB. If set to 'true', the value of 'srcBMacLSB' property is set to FF-FF-FF-FF. |
| Displayed name | Use LACP Key |
| OSS name | srcBMacLsbUseLacpKey |
| Read-only | no |
| Tab Panel | General PBB Source Backbone MAC LSB |
| Type | BOOL |

MC PSS LAG Group parameters**Asymmetrical Config Detected****Table 3-2074 Asymmetrical Config Detected**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | A true values means there is a mismatch of one or more of the MC LAG Identifiers (LACP Key, System Id and System Priority) between the MC-LAG configurations in the two peer routers. |
| Displayed name | Asymmetrical Config Detected |
| OSS name | asymmetricalConfigDetected |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Card Slot**Table 3-2075 Card Slot**

| Name | Value |
|-----------------------|----------------------|
| Default | yes: |
| Displayed name | Card Slot |
| Mandatory on creation | yes |
| OSS name | firstCardSlotPointer |
| Read-only | no |
| Tab Panel | General First Site |
| Type | POINTER |

Card Slot**Table 3-2076 Card Slot**

| Name | Value |
|-----------------------|-----------------------|
| Default | yes: |
| Displayed name | Card Slot |
| Mandatory on creation | yes |
| OSS name | secondCardSlotPointer |
| Read-only | no |
| Tab Panel | General Second Site |
| Type | POINTER |

Description**Table 3-2077 Description**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The value specified in this property is not persisted in the router. |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |

Table 3-2077 Description (continued)

| Name | Value |
|------|--------|
| Type | STRING |

firstMcLagMemberPointer**Table 3-2078 firstMcLagMemberPointer**

| Name | Value |
|-------------|-------------------------------------|
| Default | yes: |
| Description | The FDN to the first MC-LAG member. |
| OSS name | firstMcLagMemberPointer |
| Read-only | yes |
| Tab Panel | General First Site |
| Type | POINTER |

LACP Key**Table 3-2079 LACP Key**

| Name | Value |
|-----------------------|--|
| Default | yes:0 |
| Description | Identifier for MC-LAG which is a 16 bit key that needs to be configured in the same manner on both sides of the MC-LAG in order for the MC-LAG to come up. The value of this attribute has to be unique with in the context of the peer. |
| Displayed name | LACP Key |
| Mandatory on creation | yes |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | lACPKey |
| Read-only | no |
| Tab Panel | General MC LAG Identifiers |
| Type | LONG |

LAG

Table 3-2080 LAG

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | The FDN of the LAG on the first site. The value specified for this property may get swapped with value of secondLagInterfacePointer during creation. Refer description of firstIpAddress property for details. |
| Displayed name | LAG |
| Mandatory on creation | yes |
| OSS name | firstLagInterfacePointer |
| Read-only | no |
| Tab Panel | General First Site |
| Type | POINTER |

LAG

Table 3-2081 LAG

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | The FDN of the LAG on the second site. The value specified for this property may get swapped with value of firstLagInterfacePointer during creation. Refer description of secondIpAddress property for details. |
| Displayed name | LAG |
| Mandatory on creation | yes |
| OSS name | secondLagInterfacePointer |
| Read-only | no |
| Tab Panel | General Second Site |
| Type | POINTER |

LAG ID

Table 3-2082 LAG ID

| Name | Value |
|-------------|--|
| Default | yes:0 |
| Description | The LAG Id on the first site. The value specified for this property may get swapped with value of secondLagId during creation. Refer description of firstIpAddress property for details. |

Table 3-2082 LAG ID (continued)

| Name | Value |
|-----------------------|--------------------|
| Displayed name | LAG ID |
| Mandatory on creation | yes |
| Maximum | 200 |
| Minimum | 0 |
| OSS name | firstLagId |
| Read-only | no |
| Tab Panel | General First Site |
| Type | INT |

LAG ID**Table 3-2083 LAG ID**

| Name | Value |
|-----------------------|---|
| Default | yes:0 |
| Description | The LAG Id on the second site. The value specified for this property may get swapped with value of firstLagId during creation. Refer description of secondIpAddress property for details. |
| Displayed name | LAG ID |
| Mandatory on creation | yes |
| Maximum | 200 |
| Minimum | 0 |
| OSS name | secondLagId |
| Read-only | no |
| Tab Panel | General Second Site |
| Type | INT |

secondMcLagMemberPointer**Table 3-2084 secondMcLagMemberPointer**

| Name | Value |
|-------------|--------------------------------------|
| Default | yes: |
| Description | The FDN to the second MC-LAG member. |
| OSS name | secondMcLagMemberPointer |
| Read-only | yes |

Table 3-2084 secondMcLagMemberPointer (continued)

| Name | Value |
|-------------|---------------------|
| Tab Panel | General Second Site |
| Type | POINTER |

Source ID**Table 3-2085 Source ID**

| Name | Value |
|-----------------------|--------------------|
| Default | yes:0 |
| Displayed name | Source ID |
| Mandatory on creation | yes |
| Maximum | 250 |
| Minimum | 1 |
| OSS name | firstSourceId |
| Read-only | no |
| Tab Panel | General First Site |
| Type | INT |

Source ID**Table 3-2086 Source ID**

| Name | Value |
|-----------------------|---------------------|
| Default | yes:0 |
| Displayed name | Source ID |
| Mandatory on creation | yes |
| Maximum | 250 |
| Minimum | 1 |
| OSS name | secondSourceId |
| Read-only | no |
| Tab Panel | General Second Site |
| Type | INT |

System ID
Table 3-2087 System ID

| Name | Value |
|-----------------------|---|
| Default | yes:00-00-00-00-00-00 |
| Description | Identifier for MC-LAG which is an address that needs to be configured in the same manner on both sides of the MC-LAG in order for the MC-LAG to come up. The value of this attribute has to be unique in the context of the peer. |
| Displayed name | System ID |
| Mandatory on creation | yes |
| OSS name | systemId |
| Read-only | no |
| Tab Panel | General MC LAG Identifiers |
| Type | MACADDR |

System Priority**Table 3-2088 System Priority**

| Name | Value |
|-----------------------|---|
| Default | yes:0 |
| Description | Identifier for MC-LAG which is a value that needs to be configured in the same manner on both sides of the MC-LAG in order for the MC-LAG to come up. A low numeric value specifies a high system priority. |
| Displayed name | System Priority |
| Mandatory on creation | yes |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | systemPriority |
| Read-only | no |
| Tab Panel | General MC LAG Identifiers |
| Type | LONG |

MC Source parameters

Service Site

Table 3-2089 Service Site

| Name | Value |
|-----------------------|----------------------|
| Default | yes: |
| Displayed name | Service Site |
| Mandatory on creation | yes |
| OSS name | serviceSitePointer |
| Read-only | no |
| Tab Panel | General Service Site |
| Type | POINTER |

Shelf ID

Table 3-2090 Shelf ID

| Name | Value |
|----------------|-------------------|
| Default | yes:1 |
| Displayed name | Shelf ID |
| OSS name | shelfId |
| Read-only | yes |
| Tab Panel | General Card Info |
| Type | LONG |

Site ID

Table 3-2091 Site ID

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site Info |
| Type | STRING |

Site Name
Table 3-2092 Site Name

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site Info |
| Type | STRING |

Slot ID**Table 3-2093 Slot ID**

| Name | Value |
|----------------|-------------------|
| Default | yes:1 |
| Displayed name | Slot ID |
| OSS name | cardSlotId |
| Read-only | yes |
| Tab Panel | General Card Info |
| Type | LONG |

Source ID**Table 3-2094 Source ID**

| Name | Value |
|-----------------------|-----------------|
| Displayed name | Source ID |
| Mandatory on creation | yes |
| Maximum | 250 |
| Minimum | 1 |
| OSS name | sourceId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

MC Sync parameters

Administrative State

Table 3-2095 Administrative State

| Name | Value |
|----------------|--------------------------|
| Default | yes:tmnxOutOfService |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | netw.AdministrativeState |

Diameter Proxy

Table 3-2096 Diameter Proxy

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies if Diameter Proxy data is synchronized with the multi-chassis peers peer. |
| Displayed name | Diameter Proxy |
| OSS name | diameterProxy |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Last Sync Time

Table 3-2097 Last Sync Time

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Last Sync Time |
| OSS name | lastSyncTime |
| Read-only | yes |
| Tab Panel | General General |
| Type | DATE |

Operational Flags

Table 3-2098 Operational Flags

| Name | Value |
|----------------|-------------------|
| Default | yes:unspecified |
| Displayed name | Operational Flags |
| OSS name | operationalFlags |
| Read-only | yes |
| Tab Panel | States General |
| Type | LONG |

Operational State

Table 3-2099 Operational State

| Name | Value |
|----------------|-----------------------|
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |
| Type | netw.OperationalState |

Peer Address

Table 3-2100 Peer Address

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | The IP address on peer router to send multi-chassis communication. |
| Displayed name | Peer Address |
| OSS name | peerIpAddress |
| Read-only | yes |
| Tab Panel | General Site |
| Type | INETADDR |

Peer Site Id**Table 3-2101 Peer Site Id**

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | Corresponds to the matching Peer Should be thought as if it were called matchingPeerSiteId |
| Displayed name | Peer Site Id |
| OSS name | peerSiteId |
| Read-only | yes |
| Tab Panel | General General |
| Type | INETADDR |

Peer Site Pointer**Table 3-2102 Peer Site Pointer**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Corresponds to the matching Peer Should be thought as if it were called matchingPeerSite-Pointer |
| Displayed name | Peer Site Pointer |
| OSS name | peerSitePointer |
| Read-only | yes |
| Tab Panel | General Peer |
| Type | POINTER |

Site Id**Table 3-2103 Site Id**

| Name | Value |
|----------------|-----------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site Id |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Pointer
Table 3-2104 Site Pointer

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Pointer |
| OSS name | sitePointer |
| Read-only | yes |
| Tab Panel | General Site |
| Type | POINTER |

Status**Table 3-2105 Status**

| Name | Value |
|--------------------------|-----------------|
| Default | yes:unspecified |
| Displayed name | Status |
| OSS name | status |
| Read-only | yes |
| Tab Panel | States General |
| Type | SyncStatusEnum |
| Enumerated types: | |
| In Progress | |
| In Sync | |
| Out Of Sync | |

Synchronize IGMP**Table 3-2106 Synchronize IGMP**

| Name | Value |
|----------------|------------------|
| Default | yes:false |
| Displayed name | Synchronize IGMP |
| OSS name | igmp |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Synchronize IGMP-Snooping

Table 3-2107 Synchronize IGMP-Snooping

| Name | Value |
|----------------|---------------------------|
| Default | yes:false |
| Displayed name | Synchronize IGMP-Snooping |
| OSS name | igmpSnooping |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Synchronize IPoE Subscriber Management

Table 3-2108 Synchronize IPoE Subscriber Management

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Synchronize IPoE Subscriber Management |
| OSS name | subscriberManagement |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Synchronize Local DHCP Server

Table 3-2109 Synchronize Local DHCP Server

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether DHCP Server information should be synchronized with the multi-chassis peer. |
| Displayed name | Synchronize Local DHCP Server |
| OSS name | dhcpServer |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Synchronize MC IPsec

Table 3-2110 Synchronize MC IPsec

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether ipsec information is synchronized on this multi-chassis peer |
| Displayed name | Synchronize MC IPsec |
| OSS name | mcIPSec |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Synchronize MC Ring

Table 3-2111 Synchronize MC Ring

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether multi chassis ring information should be synchronized with the multi-chassis peer. |
| Displayed name | Synchronize MC Ring |
| OSS name | mcRing |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Synchronize MLD

Table 3-2112 Synchronize MLD

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether MLD information should be synchronized with the multi-chassis peer. |
| Displayed name | Synchronize MLD |
| OSS name | mld |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Synchronize MLD Snooping

Table 3-2113 Synchronize MLD Snooping

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether MLD-snooping information should be synchronized with the multi-chassis peer. |
| Displayed name | Synchronize MLD Snooping |
| OSS name | mldSnooping |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Synchronize PPPoE Subscriber Management

Table 3-2114 Synchronize PPPoE Subscriber Management

| Name | Value |
|----------------|---|
| Default | yes:false |
| Displayed name | Synchronize PPPoE Subscriber Management |
| OSS name | subscriberManagementPPPoE |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Synchronize Python

Table 3-2115 Synchronize Python

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether Python cache data should be synchronized with the multi-chassis peer. |
| Displayed name | Synchronize Python |
| OSS name | python |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Synchronize SRRP

Table 3-2116 Synchronize SRRP

| Name | Value |
|----------------|------------------|
| Default | yes:false |
| Displayed name | Synchronize SRRP |
| OSS name | srrp |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Synchronize Subscriber Host Tracking

Table 3-2117 Synchronize Subscriber Host Tracking

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether subscriber host tracking information should be synchronized with the multi-chassis peer. |
| Displayed name | Synchronize Subscriber Host Tracking |
| OSS name | subscriberHostTracking |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Media Adaptor parameters

Acronym Code

Table 3-2118 Acronym Code

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Description | XFP/SFP acronym code. |
| Displayed name | Acronym Code |
| Maximum | 12 |
| OSS name | acronymCode |
| Read-only | no |

Table 3-2118 Acronym Code (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | STRING |

Administrative State

Table 3-2119 Administrative State

| Name | Value |
|--------------------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General Equipment |
| Type | AdministrativeState |
| Enumerated types: | |
| Diagnose | |
| Down | |
| Locked | |
| Maintenance | |
| Not Relevant | |
| Operate Switch | |
| Shutting Down | |
| Unknown | |
| Unlocked | |
| Up | |

Background Diagnostics Fault Reason

Table 3-2120 Background Diagnostics Fault Reason

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Displayed name | Background Diagnostics Fault Reason |
| OSS name | backgroundDiagnosticsFaultReason |
| Read-only | yes |

Table 3-2120 Background Diagnostics Fault Reason (continued)

| Name | Value |
|-------------|------------------------------|
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Background Diagnostics State**Table 3-2121 Background Diagnostics State**

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:unknown |
| Displayed name | Background Diagnostics State |
| OSS name | backgroundDiagnosticsState |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | BackgroundDiagnosticsStateType |
| Enumerated types: | |
| Critical Fault Detected | |
| Fault Detected | |
| N/A | |
| Ok | |
| Unknown | |

CLEI Code**Table 3-2122 CLEI Code**

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General Equipment Location Codes |
| Type | STRING |

CLEI Code**Table 3-2123 CLEI Code**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

CLI Name**Table 3-2124 CLI Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | CLI Name |
| Maximum | 252 |
| OSS name | portName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Connector Code**Table 3-2125 Connector Code**

| Name | Value |
|--------------------------|-----------------|
| Default | yes:unknown |
| Displayed name | Connector Code |
| OSS name | connectorCode |
| Read-only | yes |
| Tab Panel | General General |
| Type | ConnectorCode |
| Enumerated types: | |

Table 3-2125 Connector Code (continued)

| Name | Value |
|-------------------------------|-------|
| BNC or TNC | |
| Copper GigE | |
| Copper Pigtail | |
| Fiber Channel Coaxial Headers | |
| Fiber Channel Style 1 Copper | |
| Fiber Channel Style 2 Copper | |
| Fiber Jack | |
| HSSDC II | |
| LC | |
| MT-RJ | |
| MU | |
| Optical Pigtail | |
| Optical Transceiver | |
| SC | |
| SG | |
| Unknown | |

Connector Type**Table 3-2126 Connector Type**

| Name | Value |
|--------------------------|-----------------|
| Default | yes:unknown |
| Displayed name | Connector Type |
| OSS name | connectorType |
| Read-only | yes |
| Tab Panel | General General |
| Type | ConnectorType |
| Enumerated types: | |
| BNC | |
| DB15/DB25/M34 | |
| LC | |
| LC Duplex | |
| MRJ21 | |

Table 3-2126 Connector Type (continued)

| Name | Value |
|--------------|-------|
| MTRJ | |
| RJ-45 | |
| RJ-48C | |
| SC Duplex | |
| SC Simplex | |
| SFFP | |
| SFFP (CFP) | |
| SFFP (CFP2) | |
| SFFP (CXP) | |
| SFFP (QSFP) | |
| SFFP (QSFP+) | |
| SFFP (XFP) | |
| Unknown | |

Description**Table 3-2127 Description**

| Name | Value |
|----------------|-----------------|
| Default | yes:N/A |
| Displayed name | Description |
| Maximum | 255 |
| OSS name | description |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Diagnostics Capable**Table 3-2128 Diagnostics Capable**

| Name | Value |
|----------------|---------------------|
| Default | yes:false |
| Displayed name | Diagnostics Capable |
| OSS name | diagnosticsCapable |

Table 3-2128 Diagnostics Capable (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Firmware Revision Status**Table 3-2129 Firmware Revision Status**

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:notApplicable |
| Displayed name | Firmware Revision Status |
| OSS name | hwFirmwareRevisionStatus |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | HwFirmwareRevisionStatusTypes |
| Enumerated types: | |
| Acceptable | |
| Not Acceptable | |
| Not Applicable | |
| Upgrade Pending | |
| Upgrading | |

Hardware Class**Table 3-2130 Hardware Class**

| Name | Value |
|--------------------------|------------------------------|
| Default | no |
| Displayed name | Hardware Class |
| OSS name | hardwareClass |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | HardwareClassType |
| Enumerated types: | |
| External Alarm Input | |

Table 3-2130 Hardware Class (continued)

| Name | Value |
|------|-------|
| Fam | |
| N/A | |

Interchangeability Marking

Table 3-2131 Interchangeability Marking

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:N/A |
| Description | XFP/SFP interchangeability marking. |
| Displayed name | Interchangeability Marking |
| Maximum | 18 |
| OSS name | intrChngbltyMarking |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Laser Tunability

Table 3-2132 Laser Tunability

| Name | Value |
|--------------------------|---------------------|
| Default | yes:unequipped |
| Displayed name | Laser Tunability |
| OSS name | laserTunability |
| Read-only | yes |
| Tab Panel | General General |
| Type | LaserTunabilityType |
| Enumerated types: | |
| | fully-tunable |
| | NotTunable |
| | Unequipped |

Laser Wavelength
Table 3-2133 Laser Wavelength

| Name | Value |
|----------------|------------------|
| Default | yes:0 |
| Displayed name | Laser Wavelength |
| OSS name | laserWaveLength |
| Read-only | yes |
| Tab Panel | General General |
| Type | FLOAT |
| Units | nm |

Link Length Support**Table 3-2134 Link Length Support**

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Link Length Support |
| OSS name | linkLengthSupport |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Link Length(m)**Table 3-2135 Link Length(m)**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | This property is applicable only for mpr node |
| Displayed name | Link Length(m) |
| OSS name | mprLinkLength |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Manufacture Date**Table 3-2136 Manufacture Date**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacture Date |
| Maximum | 252 |
| OSS name | manufactureDate |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacture Date (YYYY/MM/DD hh:mm:ss)**Table 3-2137 Manufacture Date (YYYY/MM/DD hh:mm:ss)**

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Displayed name | Manufacture Date (YYYY/MM/DD hh:mm:ss) |
| Maximum | 252 |
| OSS name | vendorManufactureDate |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Manufacturer**Table 3-2138 Manufacturer**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturer |
| Maximum | 252 |
| OSS name | manufacturer |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Assembly No**Table 3-2139 Manufacturing Assembly No**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Assembly No |
| OSS name | manufacturingAssemblyNo |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Deviations**Table 3-2140 Manufacturing Deviations**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Deviations |
| OSS name | manufacturingDeviations |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Variant**Table 3-2141 Manufacturing Variant**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Variant |
| OSS name | manufacturingVariant |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Max Case Temp**Table 3-2142 Max Case Temp**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | XFP/SFP maximum case temperature in Celsius. |
| Displayed name | Max Case Temp |
| OSS name | maxCaseTemp |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |
| Units | Celsius |

Model Name**Table 3-2143 Model Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Model Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | hwName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Model Number**Table 3-2144 Model Number**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Model Number |
| Maximum | 255 |
| OSS name | modelName |
| Read-only | yes |
| Tab Panel | General General |

Table 3-2144 Model Number (continued)

| Name | Value |
|------|--------|
| Type | STRING |

Module Present Type**Table 3-2145 Module Present Type**

| Name | Value |
|----------------|------------------------------|
| Default | yes:0 |
| Description | XFP/SFP module present type. |
| Displayed name | Module Present Type |
| OSS name | modulePresentType |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Module State**Table 3-2146 Module State**

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:notApplicable |
| Description | XFP/SFP module state. |
| Displayed name | Module State |
| OSS name | moduleState |
| Read-only | no |
| Tab Panel | General General |
| Type | SfpPortModuleState |
| Enumerated types: | |
| N/A | |
| No SFP | |
| SFP with seep | |
| SFP without seep | |

Module Type
Table 3-2147 Module Type

| Name | Value |
|----------------|----------------------|
| Default | yes:N/A |
| Description | XFP/SFP module type. |
| Displayed name | Module Type |
| Maximum | 8 |
| OSS name | moduleType |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Number of Lanes**Table 3-2148 Number of Lanes**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Number of Lanes |
| OSS name | portSFPNumLanes |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Operational State**Table 3-2149 Operational State**

| Name | Value |
|--------------------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | OperationalState |
| Enumerated types: | |
| Booting | |

Table 3-2149 Operational State (continued)

| Name | Value |
|----------------------|-------|
| Degraded | |
| Diagnosing | |
| Disabled | |
| Down | |
| Downgrade | |
| Empty | |
| Enabled | |
| Failed | |
| In Service Downgrade | |
| In Service Upgrade | |
| Indeterminate | |
| Invalid Connection | |
| No Link | |
| Not Present | |
| Not Relevant | |
| Provisioned | |
| Reserved | |
| Reset Pending | |
| Shutting Down | |
| Soft Reset | |
| Testing | |
| Transition | |
| Unknown | |
| Unprovisioned | |
| Unsupported SFF | |
| Up | |
| Upgrade | |

Optical Compliance

Table 3-2150 Optical Compliance

| Name | Value |
|---------|-------------|
| Default | yes:unknown |

Table 3-2150 Optical Compliance (continued)

| Name | Value |
|----------------|----------------------|
| Displayed name | Optical Compliance |
| Maximum | 252 |
| OSS name | sfpOpticalCompliance |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Part Number**Table 3-2151 Part Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Part Number |
| Maximum | 252 |
| OSS name | manufacturerBoardNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Part Number**Table 3-2152 Part Number**

| Name | Value |
|----------------|------------------|
| Default | yes:N/A |
| Displayed name | Part Number |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | vendorPartNumber |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

RxDtv Dac Percent**Table 3-2153 RxDtv Dac Percent**

| Name | Value |
|----------------|---------------------|
| Default | yes:50.00 |
| Displayed name | RxDtv Dac Percent |
| Maximum | 100.00 |
| Minimum | 0 |
| OSS name | dwdmRxDtvDacPercent |
| Read-only | yes |
| Tab Panel | General General |
| Type | FLOAT |
| Units | % |

Serial Number**Table 3-2154 Serial Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Serial Number |
| Maximum | 252 |
| OSS name | serialNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Serial Number**Table 3-2155 Serial Number**

| Name | Value |
|----------------|--------------------|
| Default | yes:N/A |
| Displayed name | Serial Number |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | vendorSerialNumber |
| Read-only | yes |

Table 3-2155 Serial Number (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | STRING |

Site ID**Table 3-2156 Site ID**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site Name**Table 3-2157 Site Name**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Software Part Number**Table 3-2158 Software Part Number**

| Name | Value |
|-------------|-------------------------------|
| Default | yes:N/A |
| Description | XFP/SFP software part number. |

Table 3-2158 Software Part Number (continued)

| Name | Value |
|----------------|----------------------|
| Displayed name | Software Part Number |
| Maximum | 255 |
| OSS name | swPartNum |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Supported Media

Table 3-2159 Supported Media

| Name | Value |
|--------------------------|-------------------|
| Default | yes:notApplicable |
| Displayed name | Supported Media |
| OSS name | supportedMedia |
| Read-only | yes |
| Tab Panel | General General |
| Type | SupportedMedia |
| Enumerated types: | |
| Ethernet | |
| N/A | |
| SONET/SDH | |

Transceiver Type

Table 3-2160 Transceiver Type

| Name | Value |
|--------------------------|------------------|
| Default | yes:unknownMedia |
| Displayed name | Transceiver Type |
| OSS name | specificType |
| Read-only | yes |
| Tab Panel | General General |
| Type | MediaAdaptorType |
| Enumerated types: | |

Table 3-2160 Transceiver Type (continued)

| Name | Value |
|-----------------------|-------|
| CFP Transceiver | |
| CFP2 Transceiver | |
| CXP Transceiver | |
| DWDM SFP Transceiver | |
| Fixed Adaptor | |
| GBIC | |
| MSA-100GLH | |
| QSFP PLUS Transceiver | |
| QSFP Transceiver | |
| SFP Transceiver | |
| Standard SFP | |
| Unknown | |
| User SFP | |
| X2 Transceiver | |
| XBI Transceiver | |
| XENPAK Transceiver | |
| XFF Transceiver | |
| XFP Transceiver | |
| XFPE Transceiver | |
| XPAK Transceiver | |

Tx Disable**Table 3-2161 Tx Disable**

| Name | Value |
|----------------|--------------------------------------|
| Default | yes:false |
| Description | XFP/SFP module transmission disable. |
| Displayed name | Tx Disable |
| OSS name | txDisable |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Vendor OUI
Table 3-2162 Vendor OUI

| Name | Value |
|----------------|-----------------|
| Default | yes:00-00-00 |
| Displayed name | Vendor OUI |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | vendorOUI |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

MEG Service parameters

ID-Permission
Table 3-2163 ID-Permission

| Name | Value |
|--------------------------|---|
| Default | yes:sendIdDefer |
| Description | Enumerated value indicating what, if anything, is to be included in the Sender ID TLV (21.5.3) transmitted by MPS configured in this MEG. Applicable to AOS nodes only (6.4.3 onwards). |
| Displayed name | ID-Permission |
| Mandatory on creation | no |
| OSS name | idPermission |
| Read-only | no |
| Tab Panel | General general |
| Type | Dot1agCfmIdPermissionEnum |
| Enumerated types: | |
| chassis | |
| chassisManage | |
| defer | |
| manage | |
| none | |

MHF-Creation**Table 3-2164 MHF-Creation**

| Name | Value |
|--------------------------|--|
| Default | yes:none |
| Description | The MHF creation for this MEG. Currently, value "default" is only applicable to OMNI switch. |
| Displayed name | MHF-Creation |
| Mandatory on creation | no |
| OSS name | mhfCreation |
| Read-only | no |
| Tab Panel | General general |
| Type | MhfCreationEnum |
| Enumerated types: | |
| | default |
| | defer |
| | explicit |
| | none |
| | static |

MIP LTR Priority**Table 3-2165 MIP LTR Priority**

| Name | Value |
|-----------------------|--|
| Default | yes:7 |
| Description | The value of mipLtrPriority specifies at what priority the link-trace response frames should be transmitted for a MIP request. |
| Displayed name | MIP LTR Priority |
| Mandatory on creation | no |
| Maximum | 7 |
| Minimum | 0 |
| OSS name | mipLtrPriority |
| Read-only | no |
| Tab Panel | General general |
| Type | INT |

Service ID
Table 3-2166 Service ID

| Name | Value |
|-----------------------|-------------------------|
| Default | yes:0 |
| Description | Service Id of MEG site. |
| Displayed name | Service ID |
| Mandatory on creation | yes |
| Maximum | 4294967295 |
| Minimum | 1 |
| OSS name | serviceId |
| Read-only | no |
| Tab Panel | General general |
| Type | LONG |

VLAN ID**Table 3-2167 VLAN ID**

| Name | Value |
|-----------------------|-------------------------------------|
| Default | yes:0 |
| Description | VLAN ID of the VLAN Element object. |
| Displayed name | VLAN ID |
| Mandatory on creation | no |
| Maximum | 4094 |
| Minimum | 0 |
| OSS name | vlanId |
| Read-only | no |
| Tab Panel | General general |
| Type | INT |

Mep Alarm Category parameters

Category

Table 3-2168 Category

| Name | Value |
|--------------------------|----------------------|
| Description | The trap entity type |
| Displayed name | Category |
| Mandatory on creation | yes |
| OSS name | alarmEntityType |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapEntityType |
| Enumerated types: | |
| | 100GBE |
| | 10GBE |
| | 1GBE |
| | 40GBE |
| | ALL |
| | BITS |
| | CBR10G3 |
| | CBR2G5 |
| | CBRAR |
| | COM |
| | CPDPR |
| | CPLMP |
| | CPNEIGHBOR |
| | CPRSVP |
| | DBLINK |
| | DDR |
| | E1 |
| | ENV |
| | EQPT |
| | FC100 |
| | FC10G |

Table 3-2168 Category (continued)

| Name | Value |
|--------------|-------|
| FC16G | |
| FC200 | |
| FC400 | |
| FC800 | |
| FE | |
| GMRENODE | |
| LAG | |
| LINEREF | |
| LOG | |
| LOODU | |
| LSP | |
| MEP | |
| NETIF | |
| OC12/STM4 | |
| OC192/STM64 | |
| OC3/STM1 | |
| OC48/STM16 | |
| OC768/STM256 | |
| OCH | |
| ODU0 | |
| ODU0TCM | |
| ODU1 | |
| ODU1F | |
| ODU1FTCM | |
| ODU1ODU0 | |
| ODU1ODU0TCM | |
| ODU1PTF | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2EODU0 | |
| ODU2EODU0TCM | |
| ODU2EODU1 | |

Table 3-2168 Category (continued)

| Name | Value |
|----------------|-------|
| ODU2EODU1TCM | |
| ODU2EODUF | |
| ODU2EODUFTCM | |
| ODU2ETCM | |
| ODU2ODU0 | |
| ODU2ODU0TCM | |
| ODU2ODU1 | |
| ODU2ODU1TCM | |
| ODU2ODUF | |
| ODU2ODUFTCM | |
| ODU2TCM | |
| ODU3 | |
| ODU3E | |
| ODU3E2 | |
| ODU3E2ODU0 | |
| ODU3E2ODU0TCM | |
| ODU3E2ODU1 | |
| ODU3E2ODU1TCM | |
| ODU3E2ODU2 | |
| ODU3E2ODU2E | |
| ODU3E2ODU2ETCM | |
| ODU3E2ODU2TCM | |
| ODU3E2ODUF | |
| ODU3E2ODUFTCM | |
| ODU3E2TCM | |
| ODU3EODU0 | |
| ODU3EODU0TCM | |
| ODU3EODU1 | |
| ODU3EODU1TCM | |
| ODU3EODU2 | |
| ODU3EODU2E | |
| ODU3EODU2ETCM | |
| ODU3EODU2TCM | |

Table 3-2168 Category (continued)

| Name | Value |
|---------------|-------|
| ODU3EODUF | |
| ODU3EODUFTCM | |
| ODU3ETCM | |
| ODU3ODU0 | |
| ODU3ODU0TCM | |
| ODU3ODU1 | |
| ODU3ODU1TCM | |
| ODU3ODU2 | |
| ODU3ODU2E | |
| ODU3ODU2ETCM | |
| ODU3ODU2TCM | |
| ODU3ODUF | |
| ODU3ODUFTCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4ODU0 | |
| ODU4ODU0TCM | |
| ODU4ODU1 | |
| ODU4ODU1F | |
| ODU4ODU1FTCM | |
| ODU4ODU1TCM | |
| ODU4ODU2 | |
| ODU4ODU2E | |
| ODU4ODU2ETCM | |
| ODU4ODU2TCM | |
| ODU4ODU3 | |
| ODU4ODU3E | |
| ODU4ODU3E2 | |
| ODU4ODU3E2TCM | |
| ODU4ODU3ETCM | |
| ODU4ODU3TCM | |
| ODU4ODUF | |
| ODU4ODUFTCM | |

Table 3-2168 Category (continued)

| Name | Value |
|--------------|-------|
| ODU4TCM | |
| ODUF | |
| ODUFTCM | |
| OFA | |
| OMS | |
| OPTSG | |
| OTNFAC | |
| OTS | |
| OTU | |
| OTU0 | |
| OTU1 | |
| OTU1F | |
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E | |
| OTU3E2 | |
| OTU4 | |
| OTUODU0 | |
| OTUODU0TCM | |
| OTUODU1 | |
| OTUODU1F | |
| OTUODU1TCM | |
| OTUODU2 | |
| OTUODU2E | |
| OTUODU2ETCM | |
| OTUODU2TCM | |
| OTUODU3 | |
| OTUODU3E | |
| OTUODU3E2 | |
| OTUODU3E2TCM | |
| OTUODU3ETCM | |
| OTUODU3TCM | |

Table 3-2168 Category (continued)

| Name | Value |
|--------------|-------|
| OTUODU4 | |
| OTUODU4TCM | |
| OTUOODU1FTCM | |
| PLK | |
| PM | |
| PTPCLOCK | |
| PTPPORT | |
| RMD | |
| RMDCESCHNNEL | |
| RMDIF | |
| RMDIFMAU | |
| RMDMEP | |
| RMDNIM | |
| SCLOCK | |
| SDR | |
| SESSION | |
| SRERP | |
| SRMEP | |
| SROAMSACTL | |
| SRSAP | |
| SRSVC | |
| SYNC | |
| TELINK | |
| TIMING | |
| TOD | |
| TRU | |
| VTs | |

Condition**Table 3-2169 Condition**

| Name | Value |
|-------------|--------------------|
| Description | The trap condition |

Table 3-2169 Condition (continued)

| Name | Value |
|--------------------------|-----------------|
| Displayed name | Condition |
| Mandatory on creation | yes |
| OSS name | alarmCondition |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCondition |
| Enumerated types: | |
| aesFipsFailure | |
| aisLM | |
| aisLmsAis | |
| aisPauAis | |
| aisTcm | |
| alienEgrLOS | |
| allChanMiss | |
| allChanMissOut | |
| almRSync | |
| almRSyncEnd | |
| ampDisabled | |
| ampEol | |
| ANNOUNCELOSS | |
| apeInProgress | |
| APRFORCED | |
| aprInvalidTopo | |
| APRLIMITED | |
| aprLine | |
| aprNode | |
| aprOsc | |
| aprSwitch | |
| aprUnavail | |
| aprUnavailOsc | |
| apsB | |
| apsCm | |
| apsMm | |

Table 3-2169 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| apsNoRed | |
| arcIND | |
| asonTopo | |
| auAisP | |
| auLopP | |
| authFail | |
| autoReset | |
| autoSwTimRef | |
| autoSwTimRefT4 | |
| autoSyncSw | |
| bISd | |
| backupUnavail | |
| backwardDefectIndicationEgress | |
| BADCLKFREQ | |
| baseline | |
| bdi | |
| bdiOdu | |
| bdiOduOut | |
| bdiTem | |
| binsRolled | |
| bitsAIS | |
| bitsLof | |
| bitsLos | |
| bitsMAN | |
| bkupCom | |
| boardEqpt | |
| brkTrip | |
| capBuf | |
| cardBoot | |
| CARDCLKOFFFREQ | |
| cardIdRcvd | |
| cardInBoot | |
| cardInit | |

Table 3-2169 Condition (continued)

| Name | Value |
|--------------------|-------|
| cardInitBcm | |
| cardInitFail | |
| cardInitNonBcm | |
| cardNotAllowed | |
| cardSanity | |
| cbr10G3RxLOS | |
| cbr10G3RxLSS | |
| ccActChg | |
| cfCapacityWarning | |
| cfmAisEvnt | |
| cfmDmTestComplete | |
| cfmFltEvnt | |
| cfmLbmTestComplete | |
| cfmLmTestComplete | |
| cfmLtmTestComplete | |
| cfmSImTestComplete | |
| change | |
| channelViolation | |
| chkBkplane | |
| ckm | |
| clearAllTcas | |
| colorViolation | |
| comm | |
| commDeg | |
| commDown | |
| configFail | |
| CONFIGMM | |
| contBus | |
| contCom | |
| contComm | |
| contEqpt | |
| contEqptSplit | |
| contr | |

Table 3-2169 Condition (continued)

| Name | Value |
|----------------|-------|
| contrDup | |
| contrenDgr | |
| contrenFail | |
| contrOut | |
| cpuPerformance | |
| crdInit | |
| crTca | |
| csf | |
| csfGfp | |
| CSFGFPOUT | |
| csfOduEgr | |
| csfOduOut | |
| dataErr | |
| dataFlt | |
| dbErr | |
| dbFl | |
| dbFt | |
| dbFull | |
| dbInvalid | |
| dbMemTrf | |
| dbUnsync | |
| dcConfigFail | |
| deg | |
| degOtu | |
| degOut | |
| degTcm | |
| DELAYRESLOSS | |
| DISCOVERMOD | |
| dormantUser | |
| dwAis | |
| dwLof | |
| dwLom | |
| dwSd | |

Table 3-2169 Condition (continued)

| Name | Value |
|-------------------|-------|
| dwSf | |
| e1AisEgr | |
| e1AisL | |
| e1Lof | |
| e1LofEgr | |
| e1Los | |
| e1NoCrc4M | |
| e1NoCRC4MEgr | |
| e1Rai | |
| e1RaiEgr | |
| ebero | |
| egressSSF | |
| envInput1Active | |
| envInput2Active | |
| envInput3Active | |
| envInput4Active | |
| envInput5Active | |
| envInput6Active | |
| envInput7Active | |
| envInput8Active | |
| eptUploadErr | |
| eqpt | |
| eqptCrypto | |
| eqptDgr | |
| eqptDgrMon | |
| eqptDgrOch | |
| eqptDgrOchOut | |
| eqptDgrOut | |
| eqptPort | |
| erpFwdStateChng | |
| ESCABLEMISMATCH1 | |
| ESCABLEMISMATCH10 | |
| ESCABLEMISMATCH11 | |

Table 3-2169 Condition (continued)

| Name | Value |
|-------------------------|-------|
| ESCABLEMISMATCH12 | |
| ESCABLEMISMATCH13 | |
| ESCABLEMISMATCH14 | |
| ESCABLEMISMATCH15 | |
| ESCABLEMISMATCH16 | |
| ESCABLEMISMATCH17 | |
| ESCABLEMISMATCH18 | |
| ESCABLEMISMATCH19 | |
| ESCABLEMISMATCH2 | |
| ESCABLEMISMATCH20 | |
| ESCABLEMISMATCH21 | |
| ESCABLEMISMATCH22 | |
| ESCABLEMISMATCH23 | |
| ESCABLEMISMATCH24 | |
| ESCABLEMISMATCH3 | |
| ESCABLEMISMATCH4 | |
| ESCABLEMISMATCH5 | |
| ESCABLEMISMATCH6 | |
| ESCABLEMISMATCH7 | |
| ESCABLEMISMATCH8 | |
| ESCABLEMISMATCH9 | |
| escLatchFail | |
| esm | |
| ethCSF | |
| ethRingPathProvMismatch | |
| etrMismatch | |
| etrMismatchMod | |
| excessLoad | |
| excessLoss | |
| facServ | |
| facTerm | |
| facTermDev | |
| facTermDgr | |

Table 3-2169 Condition (continued)

| Name | Value |
|----------------------|-------|
| fan32HRqd | |
| fanSpeed | |
| fanSpeedHigh | |
| fanSpeedLow | |
| fanSpeedMan | |
| farEndLos | |
| faulty | |
| fdi | |
| fdiClt | |
| feAls | |
| feasibilityViolation | |
| fecEcSd | |
| fecFail | |
| fecUbcSd | |
| feFlt | |
| feLfi | |
| feLos | |
| feLss | |
| fePortMismatch | |
| fePrLf | |
| feRfi | |
| fipsFailure | |
| fipsSwMismatch | |
| flt | |
| fpgaFail | |
| FPGAFAILNSA | |
| fpgaInit | |
| FPGAINIT1 | |
| FPGAINIT10 | |
| FPGAINIT2 | |
| FPGAINIT3 | |
| FPGAINIT4 | |
| FPGAINIT5 | |

Table 3-2169 Condition (continued)

| Name | Value |
|-----------------|-------|
| FPGAINIT6 | |
| FPGAINIT7 | |
| FPGAINIT8 | |
| FPGAINIT9 | |
| FPGAINITNSA1 | |
| FPGAINITNSA10 | |
| FPGAINITNSA2 | |
| FPGAINITNSA3 | |
| FPGAINITNSA4 | |
| FPGAINITNSA5 | |
| FPGAINITNSA6 | |
| FPGAINITNSA7 | |
| FPGAINITNSA8 | |
| FPGAINITNSA9 | |
| FPGAPRELOAD | |
| fpgaTimeout | |
| FPGATIMEOUTNSA | |
| frcdSwTimRef | |
| frcdSwTimRefT4 | |
| frcdWkSwBk | |
| frcdWkSwBkVTS1 | |
| frcdWkSwBkVTS10 | |
| frcdWkSwBkVTS2 | |
| frcdWkSwBkVTS3 | |
| frcdWkSwBkVTS4 | |
| frcdWkSwBkVTS5 | |
| frcdWkSwBkVTS6 | |
| frcdWkSwBkVTS7 | |
| frcdWkSwBkVTS8 | |
| frcdWkSwBkVTS9 | |
| frcdWkSwPr | |
| frcdWkSwPrVTS1 | |
| frcdWkSwPrVTS10 | |

Table 3-2169 Condition (continued)

| Name | Value |
|------------------------|-------|
| frcdWkSwPrVTS2 | |
| frcdWkSwPrVTS3 | |
| frcdWkSwPrVTS4 | |
| frcdWkSwPrVTS5 | |
| frcdWkSwPrVTS6 | |
| frcdWkSwPrVTS7 | |
| frcdWkSwPrVTS8 | |
| frcdWkSwPrVTS9 | |
| FRCRFCKSEL | |
| frngSync | |
| FTD_ENCRYPT_15MIN | |
| FTD_ENCRYPT_1DAY | |
| FWMISMATCH | |
| fwPendingObsolete | |
| fwUpgradePending | |
| fwVersionNotDefault | |
| gfpLof | |
| GFPLOFOUT | |
| gfpSsf | |
| gfpUpm | |
| hdFail | |
| hdFull | |
| hiBer | |
| highGain | |
| hldOvrSync | |
| hpPlmP | |
| hpRdiP | |
| hpUneqP | |
| hwRevisionNotSupported | |
| igmpSnpgSrcLimitExceed | |
| imageNotReady | |
| incompatFan | |
| inhMsgPmRept | |

Table 3-2169 Condition (continued)

| Name | Value |
|--------------------------|-------|
| init | |
| inMigration | |
| INSERTMOD | |
| int | |
| intErr | |
| intrusion | |
| intrusionEvt | |
| intSft | |
| intTemp | |
| intTempHigh | |
| intTempLow | |
| intTempOpt | |
| invalidEgress | |
| invalidThreshold | |
| invalidThresholdOms | |
| invalidThresholdOts | |
| invalidTopo | |
| inventoryError | |
| keyDomainErr | |
| lagDeg | |
| lagLos | |
| LAGMEMBERPORTSTATECHANGE | |
| lagPortAddFailed | |
| LAGPORTADDSUCCESS | |
| LAGSTATECHANGE | |
| lagSubGrpSelect | |
| lanLfi | |
| lanLol | |
| lanLos | |
| lanRfi | |
| lanSf | |
| laserBackFacetOptPwrTca | |
| laserCoolingCurTca | |

Table 3-2169 Condition (continued)

| Name | Value |
|------------------------|-------|
| laserEOL | |
| laserOffLpbk | |
| lck | |
| lckOut | |
| lckTcm | |
| ledState | |
| lfd | |
| lfiEgr | |
| linkDiversity | |
| linkDown | |
| linkoamLoopDetected | |
| linkoamNonThresh | |
| linkoamPeerChng | |
| linkUp | |
| loam | |
| lockedIndicationEgress | |
| lockoutOfPr | |
| lockoutOfPrVTS1 | |
| lockoutOfPrVTS10 | |
| lockoutOfPrVTS2 | |
| lockoutOfPrVTS3 | |
| lockoutOfPrVTS4 | |
| lockoutOfPrVTS5 | |
| lockoutOfPrVTS6 | |
| lockoutOfPrVTS7 | |
| lockoutOfPrVTS8 | |
| lockoutOfPrVTS9 | |
| lockoutOfTimRef | |
| lockoutOfTimRefT4 | |
| lockoutToPr | |
| lof | |
| lofEgr | |
| lofLom | |

Table 3-2169 Condition (continued)

| Name | Value |
|-------------------|-------|
| lofLomOut | |
| lofO | |
| loGain | |
| logBuf90SecuLog | |
| logBufOvflSecuLog | |
| lol | |
| LOLA | |
| lopPauLop | |
| los | |
| losDcm | |
| losEdfa | |
| losLdSig | |
| losO | |
| losOamp | |
| losOcm | |
| losOms | |
| losOOut | |
| losOts | |
| losOut | |
| losP | |
| losPld | |
| lossOfLock | |
| lostClock | |
| lotOut | |
| lpbkLine | |
| lpbkTerm | |
| lspFailedApe | |
| lspFailedPre | |
| lspFailedTp | |
| lspFailedUnprot | |
| lspFailedXc | |
| lsrOutDgr | |
| lss | |

Table 3-2169 Condition (continued)

| Name | Value |
|----------------|-------|
| lssEgr | |
| ltcTcm | |
| man | |
| manLR | |
| manReset | |
| manSwTimRef | |
| manSwTimRefT4 | |
| manSwToInt | |
| manSwToPri | |
| manSwToSec | |
| manWkSwBk | |
| manWkSwBkVTS1 | |
| manWkSwBkVTS10 | |
| manWkSwBkVTS2 | |
| manWkSwBkVTS3 | |
| manWkSwBkVTS4 | |
| manWkSwBkVTS5 | |
| manWkSwBkVTS6 | |
| manWkSwBkVTS7 | |
| manWkSwBkVTS8 | |
| manWkSwBkVTS9 | |
| manWkSwPr | |
| manWkSwPrVTS1 | |
| manWkSwPrVTS10 | |
| manWkSwPrVTS2 | |
| manWkSwPrVTS3 | |
| manWkSwPrVTS4 | |
| manWkSwPrVTS5 | |
| manWkSwPrVTS6 | |
| manWkSwPrVTS7 | |
| manWkSwPrVTS8 | |
| manWkSwPrVTS9 | |
| mepAIS | |

Table 3-2169 Condition (continued)

| Name | Value |
|-------------------|-------|
| mepError | |
| mepLoc | |
| mepMacError | |
| mepMmg | |
| mepRemote | |
| mepXcon | |
| mirrorDestDisable | |
| mirrorDestEnable | |
| mirrorSrcDisable | |
| mirrorSrcEnable | |
| mismatch | |
| mismatchFiber | |
| mismatchSfpXfp | |
| missing | |
| mixedPFUsed | |
| mjTca | |
| mnTca | |
| mod | |
| modOutOOR | |
| msim | |
| mtcesurv | |
| mtcesurvDgr | |
| neAls | |
| neFlt | |
| neModeMismatch | |
| net | |
| netCraft | |
| neUnreachable | |
| nkm | |
| nodeDeg | |
| notUsed1 | |
| notUsed2 | |
| notUsed3 | |

Table 3-2169 Condition (continued)

| Name | Value |
|--------------------|-------|
| notUsed4 | |
| ntpChkSig | |
| ntpClkAdj | |
| ntpLor | |
| ntpOoSync | |
| nunvComm | |
| nunvConfig | |
| nunvIndetermined | |
| nunvReversion | |
| nunvTpBlocked | |
| nunvTransmission | |
| nvMismatch | |
| oaPumpBiasCurrHigh | |
| oaPumpTempHigh | |
| objCreated | |
| objDeleted | |
| ochCollision | |
| ochCollisionOut | |
| ochFdi | |
| ochIntErr | |
| ochKeyDup | |
| ochKeyOverlap | |
| ochKeysReused | |
| ochKeyUnavail | |
| ochMissing | |
| ochPdi | |
| ochPwrUnstable | |
| ochTrailDup | |
| ochTrailUnknown | |
| ochUnknown | |
| ochUnknownOut | |
| oci | |
| ociOut | |

Table 3-2169 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| ociTcm | |
| ocsAuditFail | |
| ocsAuditSuccess | |
| ocsDataFlt | |
| ocsDataRtrv | |
| ocsUnavail | |
| ocsUplinkDeleted | |
| oduAis | |
| oduAisEgress | |
| oduAisOut | |
| omsSSF | |
| openConnectionIndicationEgress | |
| opr | |
| oprIngress | |
| oprLossHigh | |
| oprLossLow | |
| oprOOR | |
| oprOut | |
| oprPwrHigh | |
| oprPwrLow | |
| oprTx | |
| oprUnachieve | |
| opticalParamErr | |
| OPTICALTEST | |
| optIntBase | |
| optIntDet | |
| optIntSusp | |
| oscSsf | |
| OSNRMESC | |
| ospfAdj | |
| OTDRSCANFAIL | |
| OTDRSCANSUCCESS | |
| otmcpf | |

Table 3-2169 Condition (continued)

| Name | Value |
|---------------------------|-------|
| otuAis | |
| ovrld | |
| PACKETCARDINIT | |
| payloadTypeMismatchEgress | |
| pcsGeneratorActive | |
| pdi | |
| pdiPauPdi | |
| PGFPGAFAIL1 | |
| PGFPGAFAIL2 | |
| PGFPGAFAIL3 | |
| PGFPGAFAIL4 | |
| PGFPGAFAIL5 | |
| PGFPGAINIT1 | |
| PGFPGAINIT2 | |
| PGFPGAINIT3 | |
| PGFPGAINIT4 | |
| PGFPGAINIT5 | |
| plm | |
| plmOduOut | |
| plmPauPlm | |
| ppsLos | |
| prcdrErr | |
| prcdrErrOut | |
| prcdrErrTopo | |
| prcdrErrTopoOut | |
| PTPFREERUN | |
| PTPGMDEGRADE | |
| PTPGMSWITCH | |
| PTPPATHSWITCH | |
| PTPPORTSWITCH | |
| PTPREFLOSS | |
| PTPREFUNSTABLE | |
| pwr | |

Table 3-2169 Condition (continued)

| Name | Value |
|---------------------|-------|
| pwrAdjComms | |
| pwrAdjFail | |
| pwrAdjFailAdd | |
| pwrAdjFailDrp | |
| pwrAdjReq | |
| pwrAdjReqAdd | |
| pwrAdjReqDrp | |
| pwrAlmp | |
| pwrEdfaMargin | |
| pwrFan | |
| pwrMargin | |
| pwrMaxGain | |
| pwrMgtOff | |
| pwrSusp | |
| pwrSuspOut | |
| pwrTiltParams | |
| pwrTiltSusp | |
| pwrUnbalance | |
| pwrUnbalanceOms | |
| ramanSup | |
| rcvrOptProg | |
| rdi | |
| rdiL | |
| readyToRevert | |
| REMOVEMOD | |
| replUnitMiss | |
| replUnitMissMOD | |
| reRouted | |
| restorationDisabled | |
| rfi | |
| rfiEgr | |
| rfiLmsRfi | |
| rfiPauRfi | |

Table 3-2169 Condition (continued)

| Name | Value |
|-------------------------|-------|
| rmdCesChannelLPL | |
| rmdCesChannelNoTdmPI | |
| rmdCesChannelRPL | |
| rmdDiscoveredDevice | |
| rmdDNR | |
| rmdEQF | |
| rmdIfEFMLOP | |
| rmdIfLOS | |
| rmdIfMauANM | |
| rmdIfMauEQF | |
| rmdIfMauLOS | |
| rmdIfMauUNI | |
| rmdIfMauWUP | |
| rmdJbRecentered | |
| rmdMepLOC | |
| rmdMepMMG | |
| rmdMepRDI | |
| rmdMepUNL | |
| rmdMepUNM | |
| rmdMepUNP | |
| rmdNDF | |
| rmdNimLOF | |
| rmdPWR | |
| rmdTypeMismatch | |
| rmdUnknownEcid | |
| rmdWDP | |
| rmdWrongDestMac | |
| routeNotPossible | |
| sapOperDown | |
| sapStateChng | |
| sapTlsMacAddrLimitAlarm | |
| sd | |
| sdegO | |

Table 3-2169 Condition (continued)

| Name | Value |
|---------------------------|-------|
| seepScrub | |
| serverSignalFailureEgress | |
| sf | |
| sfMismatch | |
| sfpEOL | |
| sfpReceiverPwrOOR | |
| sfpTempOOR | |
| sfpTrmtPwrOOR | |
| sft | |
| SHELFINCON | |
| shelfInVoltHigh | |
| shelfInVoltLow | |
| SHELFINVOLTMAXCUR | |
| signalDegradeEgress | |
| SLCBOOTCONTCOM | |
| SLCCARDINIT | |
| SLCCLKSYNC | |
| SLCCONTCOM | |
| SLCDATAFLT | |
| SLCEQPTBOOT | |
| SLCMISMATCH | |
| SLCNOTINSERVICE | |
| slcr | |
| sltmSig | |
| SPIREADERROR | |
| spLoAdjFail | |
| srgDiversity | |
| srTca | |
| ssf | |
| ssfClEgr | |
| ssfOdu | |
| ssfOduOut | |
| ssfOduTp | |

Table 3-2169 Condition (continued)

| Name | Value |
|------------------------|-------|
| ssfOtu | |
| SSFSECTION | |
| SSFSECTIONOUT | |
| ssfTcm | |
| subNodeUnreachable | |
| SUSPECTCLKFREQ | |
| svcOperDown | |
| svcStateChng | |
| svcTlsFwdTblFullAlarm | |
| svcTlsMfibTblFullAlarm | |
| swEqpt | |
| swftDwn | |
| swMtxMod | |
| swToSec | |
| swUpgCommit | |
| swUpgFail | |
| swUpgrade | |
| sync | |
| syncActRef | |
| syncClk | |
| syncClkFail | |
| syncClkFrng | |
| syncClkHldovr | |
| syncClkMode | |
| syncClkUnit | |
| syncCommand | |
| syncEqpt | |
| syncIfTimingHoldover | |
| syncIfTimingRef1Alarm | |
| syncIfTimingRef2Alarm | |
| SYNCLOSS | |
| syncMode | |
| syncOos | |

Table 3-2169 Condition (continued)

| Name | Value |
|------------------|-------|
| syncOosT4 | |
| syncRefFail | |
| syncRefUnEq | |
| syncStatChng | |
| syncSys | |
| syncSysOos | |
| syncT4Out | |
| sysBoot | |
| sysInit | |
| systemReady | |
| tBbeMs15Min | |
| tBbeMs1Day | |
| tBbeOdu15Min | |
| tBbeOdu15MinOut | |
| tBbeOdu1Day | |
| tBbeOdu1DayOut | |
| tBbeOtu15Min | |
| tBbeOtu1Day | |
| tBbeP15Min | |
| tBbeP1Day | |
| tBbePt15Min | |
| tBbePt1Day | |
| tBbeRs15Min | |
| tBbeRs1Day | |
| tBbeRst15Min | |
| tBbeRst1Day | |
| tBbeTcm15Min | |
| tBbeTcm1Day | |
| tBerPostFec15min | |
| tBerPostFec1day | |
| tBerPreFec15min | |
| tBerPreFec1day | |
| tBiaesOtu15Min | |

Table 3-2169 Condition (continued)

| Name | Value |
|----------------|-------|
| tBiaesOtu1Day | |
| tBiaesTcm15Min | |
| tBiaesTcm1Day | |
| tcmAis | |
| tCv15Min | |
| tCv1Day | |
| tCvPcs15Min | |
| tCvPcs1Day | |
| tCvPcst15Min | |
| tCvPcst1Day | |
| tCvs15Min | |
| tCvs1Day | |
| tCvst15Min | |
| tCvst1Day | |
| termOc192stm64 | |
| termOc312stm14 | |
| termOc48stm16 | |
| termOtu1 | |
| termOtu2 | |
| tEs15Min | |
| tEs1Day | |
| tEsL15Min | |
| tEsL1Day | |
| tEsMs15Min | |
| tEsMs1Day | |
| tEsOdu15Min | |
| tEsOdu15MinOut | |
| tEsOdu1Day | |
| tEsOdu1DayOut | |
| tEsOtu15Min | |
| tEsOtu1Day | |
| tEsP15Min | |
| tEsP1Day | |

Table 3-2169 Condition (continued)

| Name | Value |
|-------------------|-------|
| tEsPcs15Min | |
| tEsPcs1Day | |
| tEsPcst15Min | |
| tEsPcst1Day | |
| tEsPt15Min | |
| tEsPt1Day | |
| tEsRs15Min | |
| tEsRs1Day | |
| tEsRst15Min | |
| tEsRst1Day | |
| tEss15Min | |
| tEss1Day | |
| tEsst15Min | |
| tEsst1Day | |
| tEsTcm15Min | |
| tEsTcm1Day | |
| testMode | |
| tEthpkter15Min | |
| tEthpkter1Day | |
| tEthpktert15Min | |
| tEthpktert1Day | |
| tFebbeMs15Min | |
| tFebbeMs1Day | |
| tFebbeOdu15Min | |
| tFeBbeOdu15MinOut | |
| tFebbeOdu1Day | |
| tFeBbeOdu1DayOut | |
| tFebbeOtu15Min | |
| tFebbeOtu1Day | |
| tFebbeTcm15Min | |
| tFebbeTcm1Day | |
| tFecc15Min | |
| tFecc1Day | |

Table 3-2169 Condition (continued)

| Name | Value |
|-------------------|-------|
| tFecUbc15Min | |
| tFecUbc1Day | |
| tFecUbu15Min | |
| tFecUbu1Day | |
| tFeesMs15Min | |
| tFeesMs1Day | |
| tFeesOdu15Min | |
| tFeEsOdu15MinOut | |
| tFeesOdu1Day | |
| tFeEsOdu1DayOut | |
| tFeesOtu15Min | |
| tFeesOtu1Day | |
| tFeesTcm15Min | |
| tFeesTcm1Day | |
| tFesesMs15Min | |
| tFesesMs1Day | |
| tFesesOdu15Min | |
| tFeSesOdu15MinOut | |
| tFesesOdu1Day | |
| tFeSesOdu1DayOut | |
| tFesesOtu15Min | |
| tFesesOtu1Day | |
| tFesesTcm15Min | |
| tFesesTcm1Day | |
| tFeuasMs15Min | |
| tFeuasMs1Day | |
| tFeuasOdu15Min | |
| tFeUasOdu15MinOut | |
| tFeuasOdu1Day | |
| tFeUasOdu1DayOut | |
| tFeuasOtu15Min | |
| tFeuasOtu1Day | |
| tFeuasTcm15Min | |

Table 3-2169 Condition (continued)

| Name | Value |
|----------------|-------|
| tFeuasTcm1Day | |
| tIaesOtu15Min | |
| tIaesOtu1Day | |
| tIaesTcm15Min | |
| tIaesTcm1Day | |
| tim | |
| timOdu | |
| timOduOut | |
| timTcm | |
| toDDEG | |
| toDL0S | |
| TODREFUNSTABLE | |
| tOprh15Min | |
| tOprh1Day | |
| tOprhLane1 | |
| tOprhLane10 | |
| tOprhLane2 | |
| tOprhLane3 | |
| tOprhLane4 | |
| tOprhLane5 | |
| tOprhLane6 | |
| tOprhLane7 | |
| tOprhLane8 | |
| tOprhLane9 | |
| tOprl15Min | |
| tOprl1Day | |
| tOprlLane1 | |
| tOprlLane10 | |
| tOprlLane2 | |
| tOprlLane3 | |
| tOprlLane4 | |
| tOprlLane5 | |
| tOprlLane6 | |

Table 3-2169 Condition (continued)

| Name | Value |
|-------------------|-------|
| tOprlLane7 | |
| tOprlLane8 | |
| tOprlLane9 | |
| tOpth15Min | |
| tOpth1Day | |
| tOpthLane1 | |
| tOpthLane10 | |
| tOpthLane2 | |
| tOpthLane3 | |
| tOpthLane4 | |
| tOpthLane5 | |
| tOpthLane6 | |
| tOpthLane7 | |
| tOpthLane8 | |
| tOpthLane9 | |
| tOptl15Min | |
| tOptl1Day | |
| tOptlLane1 | |
| tOptlLane10 | |
| tOptlLane2 | |
| tOptlLane3 | |
| tOptlLane4 | |
| tOptlLane5 | |
| tOptlLane6 | |
| tOptlLane7 | |
| tOptlLane8 | |
| tOptlLane9 | |
| tPmonDmaBfd15Min | |
| tPmonDmaBfd1Day | |
| tPmonDmaffd15Min | |
| tPmonDmaffd1Day | |
| tPmonDmafFdv15Min | |
| tPmonDmafFdv1Day | |

Table 3-2169 Condition (continued)

| Name | Value |
|----------------------------------|-------|
| tPmonDmanfd15Min | |
| tPmonDmanfd1Day | |
| tPmonDmanFdv15Min | |
| tPmonDmanFdv1Day | |
| tPmonDmxBfd15Min | |
| tPmonDmxBfd1Day | |
| tPmonDmxffd15Min | |
| tPmonDmxffd1Day | |
| tPmonDmxFdv15Min | |
| tPmonDmxFdv1Day | |
| tPmonDmxnfd15Min | |
| tPmonDmxnfd1Day | |
| tPmonDmxnFdv15Min | |
| tPmonDmxnFdv1Day | |
| tPmonLmafflr15Min | |
| tPmonLmafflr1Day | |
| tPmonLmanflr15Min | |
| tPmonLmanflr1Day | |
| tPmonLmfhli15Min | |
| tPmonLmfhli1Day | |
| tPmonLmnhli15Min | |
| tPmonLmnhli1Day | |
| tPmonLmxfflr15Min | |
| tPmonLmxfflr1Day | |
| tPmonLmxnflr15Min | |
| tPmonLmxnflr1Day | |
| tPmonPortHighCapacityOctets15Min | |
| tPmonPortHighCapacityOctets1Day | |
| tPmonPortHighCapacityPkts15Min | |
| tPmonPortHighCapacityPkts1Day | |
| tPmonPortIfInDiscards15Min | |
| tPmonPortIfInDiscards1Day | |
| tPmonPortIfInErrors15Min | |

Table 3-2169 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortIfInErrors1Day | |
| tPmonPortIfInOctets15Min | |
| tPmonPortIfInOctets1Day | |
| tPmonPortIfInPackets | |
| tPmonPortIfInPackets15Min | |
| tPmonPortIfOutDiscards15Min | |
| tPmonPortIfOutDiscards1Day | |
| tPmonPortIfOutErrors15Min | |
| tPmonPortIfOutErrors1Day | |
| tPmonPortIfOutOctets15Min | |
| tPmonPortIfOutOctets1Day | |
| tPmonPortIfOutPackets15Min | |
| tPmonPortIfOutPackets1Day | |
| tPmonPortQueue1OctetsDropped15Min | |
| tPmonPortQueue1OctetsDropped1Day | |
| tPmonPortQueue1PktsDropped15Min | |
| tPmonPortQueue1PktsDropped1Day | |
| tPmonPortQueue2OctetsDropped15Min | |
| tPmonPortQueue2OctetsDropped1Day | |
| tPmonPortQueue2PktsDropped15Min | |
| tPmonPortQueue2PktsDropped1Day | |
| tPmonPortQueue3OctetsDropped15Min | |
| tPmonPortQueue3OctetsDropped1Day | |
| tPmonPortQueue3PktsDropped15Min | |
| tPmonPortQueue3PktsDropped1Day | |
| tPmonPortQueue4OctetsDropped15Min | |
| tPmonPortQueue4OctetsDropped1Day | |
| tPmonPortQueue4PktsDropped15Min | |
| tPmonPortQueue4PktsDropped1Day | |
| tPmonPortQueue5OctetsDropped15Min | |
| tPmonPortQueue5OctetsDropped1Day | |
| tPmonPortQueue5PktsDropped15Min | |
| tPmonPortQueue5PktsDropped1Day | |

Table 3-2169 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortQueue6OctetsDropped15Min | |
| tPmonPortQueue6OctetsDropped1Day | |
| tPmonPortQueue6PktsDropped15Min | |
| tPmonPortQueue6PktsDropped1Day | |
| tPmonPortQueue7OctetsDropped15Min | |
| tPmonPortQueue7OctetsDropped1Day | |
| tPmonPortQueue7PktsDropped15Min | |
| tPmonPortQueue7PktsDropped1Day | |
| tPmonPortQueue8OctetsDropped15Min | |
| tPmonPortQueue8OctetsDropped1Day | |
| tPmonPortQueue8PktsDropped15Min | |
| tPmonPortQueue8PktsDropped1Day | |
| tPmonSapIngressOctetsDropped15Min | |
| tPmonSapIngressOctetsDropped1Day | |
| tPmonSapIngressPktsDropped15Min | |
| tPmonSapIngressPktsDropped1Day | |
| tPmonSlmafflr15Min | |
| tPmonSlmafFlr1Day | |
| tPmonSlmafflrContinuous | |
| tPmonSlmanflr15Min | |
| tPmonSlmanFlr1Day | |
| tPmonSlmanflrContinuous | |
| tPmonSlmfhli15Min | |
| tPmonSlmfhli1Day | |
| tPmonSlmfhliContinuous | |
| tPmonSlmnhli15Min | |
| tPmonSlmnhli1Day | |
| tPmonSlmnhliContinuous | |
| tPmonSlmxfFlr1Day | |
| tPmonSlmxfflrContinuous | |
| tPmonSlmxnFlr1Day | |
| tPmonSlmxnflrContinuous | |
| tPostFec15Min | |

Table 3-2169 Condition (continued)

| Name | Value |
|------------------------------------|-------|
| tPostFec1Day | |
| tPreFec15Min | |
| tPreFec1Day | |
| trailTraceIdentifierMismatchEgress | |
| transferLogFL | |
| transferLogFT | |
| transferLogIP | |
| trmt | |
| trmtMOD | |
| TRUBRKROPEN | |
| tSefs15Min | |
| tSefs1Day | |
| tSefsPcs15Min | |
| tSefsPcs1Day | |
| tSefsPcst15Min | |
| tSefsPcst1Day | |
| tSefss15Min | |
| tSefss1Day | |
| tSefsst15Min | |
| tSefsst1Day | |
| tSes15Min | |
| tSes1Day | |
| tSesL15Min | |
| tSesL1Day | |
| tSesMs15Min | |
| tSesMs1Day | |
| tSesOdu15Min | |
| tSesOdu15MinOut | |
| tSesOdu1Day | |
| tSesOdu1DayOut | |
| tSesOtu15Min | |
| tSesOtu1Day | |
| tSesP15Min | |

Table 3-2169 Condition (continued)

| Name | Value |
|-----------------|-------|
| tSesP1Day | |
| tSesPcs15Min | |
| tSesPcs1Day | |
| tSesPest15Min | |
| tSesPest1Day | |
| tSesPt15Min | |
| tSesPt1Day | |
| tSesRs15Min | |
| tSesRs1Day | |
| tSesRst15Min | |
| tSesRst1Day | |
| tSess15Min | |
| tSess1Day | |
| tSesst15Min | |
| tSesst1Day | |
| tSesTcm15Min | |
| tSesTcm1Day | |
| tsMismatch | |
| tsMismatchOut | |
| tUasMs15Min | |
| tUasMs1Day | |
| tUasOdu15Min | |
| tUasOdu15MinOut | |
| tUasOdu1Day | |
| tUasOdu1DayOut | |
| tUasOtu15Min | |
| tUasOtu1Day | |
| tUasP15Min | |
| tUasP1Day | |
| tUasPt15Min | |
| tUasPt1Day | |
| tUasRs15Min | |
| tUasRs1Day | |

Table 3-2169 Condition (continued)

| Name | Value |
|------------------|-------|
| tUasRst15Min | |
| tUasRst1Day | |
| tUasTcm15Min | |
| tUasTcm1Day | |
| unexWkSet | |
| unknown | |
| unknownNotif | |
| unknownSfpXfp | |
| unL | |
| unM | |
| unMOrUnP | |
| unP | |
| unPr | |
| upm | |
| uruOchLos | |
| uruOmsRx | |
| uruOmsTx | |
| uruOtsLos | |
| uruOtsRx | |
| uruOtsTx | |
| uruOtu | |
| uruS | |
| usAis | |
| usAls | |
| userEqptMismatch | |
| usFlt | |
| usIdle | |
| usLos | |
| usOchCollision | |
| usSFEber | |
| vcgDown | |
| vcgLoa | |
| vcgMap | |

Table 3-2169 Condition (continued)

| Name | Value |
|-----------------|-------|
| vcgSsf | |
| vcMfi | |
| voltage | |
| voltageHigh | |
| voltageLow | |
| vtsConnCreation | |
| vtsFdi | |
| vtsFdi1 | |
| vtsFdi10 | |
| vtsFdi11 | |
| vtsFdi12 | |
| vtsFdi13 | |
| vtsFdi14 | |
| vtsFdi15 | |
| vtsFdi16 | |
| vtsFdi17 | |
| vtsFdi18 | |
| vtsFdi19 | |
| vtsFdi2 | |
| vtsFdi20 | |
| vtsFdi21 | |
| vtsFdi22 | |
| vtsFdi23 | |
| vtsFdi24 | |
| vtsFdi25 | |
| vtsFdi26 | |
| vtsFdi27 | |
| vtsFdi28 | |
| vtsFdi29 | |
| vtsFdi3 | |
| vtsFdi30 | |
| vtsFdi31 | |
| vtsFdi32 | |

Table 3-2169 Condition (continued)

| Name | Value |
|----------|-------|
| vtsFdi4 | |
| vtsFdi5 | |
| vtsFdi6 | |
| vtsFdi7 | |
| vtsFdi8 | |
| vtsFdi9 | |
| vtsOci | |
| vtsOci1 | |
| vtsOci10 | |
| vtsOci11 | |
| vtsOci12 | |
| vtsOci13 | |
| vtsOci14 | |
| vtsOci15 | |
| vtsOci16 | |
| vtsOci17 | |
| vtsOci18 | |
| vtsOci19 | |
| vtsOci2 | |
| vtsOci20 | |
| vtsOci21 | |
| vtsOci22 | |
| vtsOci23 | |
| vtsOci24 | |
| vtsOci25 | |
| vtsOci26 | |
| vtsOci27 | |
| vtsOci28 | |
| vtsOci29 | |
| vtsOci3 | |
| vtsOci30 | |
| vtsOci31 | |
| vtsOci32 | |

Table 3-2169 Condition (continued)

| Name | Value |
|-------------------|-------|
| vtsOci4 | |
| vtsOci5 | |
| vtsOci6 | |
| vtsOci7 | |
| vtsOci8 | |
| vtsOci9 | |
| warnTca | |
| wkSwBk | |
| wkSwPr | |
| wkSwPrVTS1 | |
| wkSwPrVTS10 | |
| wkSwPrVTS2 | |
| wkSwPrVTS3 | |
| wkSwPrVTS4 | |
| wkSwPrVTS5 | |
| wkSwPrVTS6 | |
| wkSwPrVTS7 | |
| wkSwPrVTS8 | |
| wkSwPrVTS9 | |
| wtocmaPoutRanOsnr | |
| wtr | |

Default Severity**Table 3-2170 Default Severity**

| Name | Value |
|-----------------------|------------------|
| Description | Default severity |
| Displayed name | Default Severity |
| Mandatory on creation | yes |
| OSS name | defaultSeverity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |

Table 3-2170 Default Severity (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

MEP ID**Table 3-2171 MEP ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | MEP ID |
| OSS name | mepId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Override Severity**Table 3-2172 Override Severity**

| Name | Value |
|----------------|-------------------|
| Description | Override severity |
| Displayed name | Override Severity |
| OSS name | severity |
| Read-only | no |

Table 3-2172 Override Severity (continued)

| Name | Value |
|--------------------------|-----------------|
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

RMD Device ID**Table 3-2173 RMD Device ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | RMD Device ID |
| OSS name | rmdDeviceId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

MEP parameters

Administrative State

Table 3-2174 Administrative State

| Name | Value |
|----------------|---------------------------------|
| Default | yes:adminUp |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General mep |
| Type | ethernetoam.AdministrativeState |

AIS Enabled

Table 3-2175 AIS Enabled

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether AIS frames are generated from the Maintenance Entity Group (MEG). |
| Displayed name | AIS Enabled |
| OSS name | aisEnable |
| Read-only | no |
| Tab Panel | aisL3 General |
| Type | BOOL |

AIS Enabled

Table 3-2176 AIS Enabled

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether AIS frames are generated from the Maintenance Entity Group (MEG). |
| Displayed name | AIS Enabled |
| OSS name | aisEnable |
| Read-only | no |
| Tab Panel | ais General |
| Type | BOOL |

AIS Frames Transmitted
Table 3-2177 AIS Frames Transmitted

| Name | Value |
|----------------|--|
| Description | Specifies number of AIS frames transmitted on the MEP (read only). |
| Displayed name | AIS Frames Transmitted |
| OSS name | aisTxCount |
| Read-only | yes |
| Tab Panel | ais General |
| Type | INT |

AIS Interface Support Enable**Table 3-2178 AIS Interface Support Enable**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether or not the MEP will generate AIS PDUs when the endpoint associated to this MEP is down regardless of CCM failures. |
| Displayed name | AIS Interface Support Enable |
| OSS name | aisInterfaceEnable |
| Read-only | no |
| Tab Panel | ais General |
| Type | BOOL |

AIS Interval**Table 3-2179 AIS Interval**

| Name | Value |
|----------------|---|
| Default | yes:val1 |
| Description | Specifies at what intervals to transmit AIS frames. |
| Displayed name | AIS Interval |
| OSS name | aisInterval |
| Read-only | no |
| Tab Panel | ais General |
| Type | INT |
| Units | seconds |

AIS Last Interval Received
Table 3-2180 AIS Last Interval Received

| Name | Value |
|----------------|--|
| Description | Specifies the AIS Interval received in the last AIS Frame (read only). |
| Displayed name | AIS Last Interval Received |
| OSS name | rxAisInterval |
| Read-only | yes |
| Tab Panel | aisL3 General |
| Type | INT |

AIS Last Interval Received**Table 3-2181 AIS Last Interval Received**

| Name | Value |
|----------------|--|
| Description | Specifies the AIS Interval received in the last AIS Frame (read only). |
| Displayed name | AIS Last Interval Received |
| OSS name | rxAisInterval |
| Read-only | yes |
| Tab Panel | ais General |
| Type | INT |

AIS LowPriority Defect**Table 3-2182 AIS LowPriority Defect**

| Name | Value |
|--------------------------|--|
| Default | yes:allDef |
| Description | Specifies the lowest priority defect that is allowed to generate an AIS frame. |
| Displayed name | AIS LowPriority Defect |
| OSS name | aisLowPriorityDefect |
| Read-only | no |
| Tab Panel | ais General |
| Type | AisLowPriorityDefectType |
| Enumerated types: | |
| | allDef |
| | macRemErrXcon |

AIS Meg Level
Table 3-2183 AIS Meg Level

| Name | Value |
|----------------|---|
| Default | yes:none |
| Description | Specifies the levels that should be notified to suppress alarms resulting from defect conditions detected by the MEP. |
| Displayed name | AIS Meg Level |
| OSS name | aisMegLevel |
| Read-only | no |
| Tab Panel | ais General |
| Type | ethernetoam.AISMegLevelBitType |

AIS Priority**Table 3-2184 AIS Priority**

| Name | Value |
|----------------|--|
| Default | yes:7 |
| Description | Specifies at what priority the AIS frames should be transmitted. |
| Displayed name | AIS Priority |
| Maximum | 7 |
| Minimum | 0 |
| OSS name | aisPriority |
| Read-only | no |
| Tab Panel | ais General |
| Type | INT |

AIS Received (AisRx)**Table 3-2185 AIS Received (AisRx)**

| Name | Value |
|----------------|---|
| Description | Specifies if the MEP is receiving AIS test frames from one or more of its sub-layer MEPs (read only). |
| Displayed name | AIS Received (AisRx) |
| OSS name | rxAis |
| Read-only | yes |

Table 3-2185 AIS Received (AisRx) (continued)

| Name | Value |
|-------------|---------------|
| Tab Panel | aisL3 General |
| Type | BOOL |

AIS Received (AisRx)**Table 3-2186 AIS Received (AisRx)**

| Name | Value |
|----------------|---|
| Description | Specifies if the MEP is receiving AIS test frames from one or more of its sub-layer MEPS (read only). |
| Displayed name | AIS Received (AisRx) |
| OSS name | rxAis |
| Read-only | yes |
| Tab Panel | ais General |
| Type | BOOL |

AIS Received (AisRx)**Table 3-2187 AIS Received (AisRx)**

| Name | Value |
|----------------|---|
| Description | Specifies if the MEP is receiving AIS test frames from one or more of its sub-layer MEPS (read only). |
| Displayed name | AIS Received (AisRx) |
| OSS name | rxAis |
| Read-only | yes |
| Tab Panel | General ccm |
| Type | BOOL |

Alarm Clearing Threshold**Table 3-2188 Alarm Clearing Threshold**

| Name | Value |
|-------------|--|
| Default | yes:0 |
| Description | Specifies the loss threshold, in hundredths of a percent, at which an alarm is cleared for Y1731 Dual-Ended Loss Test. |

Table 3-2188 Alarm Clearing Threshold (continued)

| Name | Value |
|----------------|-----------------------------|
| Displayed name | Alarm Clearing Threshold |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | dualEndedLossClearThreshold |
| Read-only | no |
| Tab Panel | test dualEndedLoss |
| Type | FLOAT |
| Units | % |

Alarm Threshold

Table 3-2189 Alarm Threshold

| Name | Value |
|----------------|---|
| Default | yes:0.25 |
| Description | Specifies the loss threshold, in hundredths of a percent, at which an alarm is raised for Y1731 Dual-Ended Loss Test. |
| Displayed name | Alarm Threshold |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | dualEndedLossRaiseThreshold |
| Read-only | no |
| Tab Panel | test dualEndedLoss |
| Type | FLOAT |
| Units | % |

CCM Enabled

Table 3-2190 CCM Enabled

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies if CC messaging will be run on this MEP. |
| Displayed name | CCM Enabled |
| OSS name | ccEnable |

Table 3-2190 CCM Enabled (continued)

| Name | Value |
|-------------|-------------|
| Read-only | no |
| Tab Panel | General ccm |
| Type | BOOL |

CCM Interval

Table 3-2191 CCM Interval

| Name | Value |
|--------------------------|--|
| Default | yes:CCM10 |
| Description | Specifies the ccm-interval for this MEP, read-only this is configured of the MEG object. |
| Displayed name | CCM Interval |
| OSS name | ccmInterval |
| Read-only | yes |
| Tab Panel | General ccm |
| Type | CCMIntervalNameType |
| Enumerated types: | |
| 1 s | |
| 10 ms | |
| 10 s | |
| 100 ms | |
| 3.33 ms | |
| 60 s | |
| 600 s | |

CCM OUT

Table 3-2192 CCM OUT

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Total number of Continuity Check messages transmitted. |
| Displayed name | CCM OUT |
| OSS name | mepCcmOut |
| Read-only | no |

Table 3-2192 CCM OUT (continued)

| Name | Value |
|-------------|-------------|
| Tab Panel | General mep |
| Type | LONG |

CCM Padding Packet Size (Bytes)**Table 3-2193 CCM Padding Packet Size (Bytes)**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The value of <code>tmnxDot1agCfmMepCcmPaddingSize</code> specifies the number of additional octets inserted into the CCM PDU for the Data TLV padding. If <code>tmnxDot1agCfmMepCcmPaddingSize</code> is set to zero (0), no Data TLV will be added to the CCM PDUs. |
| Displayed name | CCM Padding Packet Size (Bytes) |
| Maximum | 1500 |
| Minimum | 0 |
| OSS name | <code>ccmPaddingSize</code> |
| Read-only | no |
| Tab Panel | General ccm |
| Type | LONG |

CCM Sequence Errors**Table 3-2194 CCM Sequence Errors**

| Name | Value |
|----------------|---|
| Description | The total number of out-of-sequence CCMs received from all remote MEPs. |
| Displayed name | CCM Sequence Errors |
| OSS name | <code>ccmSeqErrs</code> |
| Read-only | no |
| Tab Panel | General ccm |
| Type | INT |

CCM TLV Ignore
Table 3-2195 CCM TLV Ignore

| Name | Value |
|----------------|---|
| Default | yes:none |
| Description | specifies the set of TLVs that are received in a CCM PDU for the Remote MEP state machine of the MEP that will be validated for format correctness but their values will be ignored and marked 'Absent' by ETH-CFM. |
| Displayed name | CCM TLV Ignore |
| OSS name | ccmTlvIgnore |
| Read-only | no |
| Tab Panel | General ccm |
| Type | ethernetoam.CcmTlvIgnoreType |

Continuously Running Tests**Table 3-2196 Continuously Running Tests**

| Name | Value |
|----------------|------------------------------|
| Default | yes:0 |
| Displayed name | Continuously Running Tests |
| OSS name | totalNumberOfContinuousTests |
| Read-only | yes |
| Tab Panel | General mep |
| Type | INT |

Control MEP**Table 3-2197 Control MEP**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies if this is to be a control MEP or not. Only applicable to Ethernet Tunnel Path Endpoint MEPs. |
| Displayed name | Control MEP |
| OSS name | controlMep |
| Read-only | no |
| Tab Panel | General ccm |
| Type | BOOL |

Control Sap Tag
Table 3-2198 Control Sap Tag

| Name | Value |
|----------------|--------------------------------|
| Default | yes:0 |
| Description | Specifies the Control SAP tag. |
| Displayed name | Control Sap Tag |
| Maximum | 768 |
| Minimum | 0 |
| OSS name | controlSapTag |
| Read-only | no |
| Tab Panel | General ccm |
| Type | INT |

Create Redundant MEP**Table 3-2199 Create Redundant MEP**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Used to automatically create a redundant version of this MEP on a MC-LAG, this will copy the MEP Id and MacAddress from this MEP to the new Redundant MEP. |
| Displayed name | Create Redundant MEP |
| OSS name | createRedundantMep |
| Read-only | no |
| Tab Panel | General redundantMep |
| Type | BOOL |

CSF Direction**Table 3-2200 CSF Direction**

| Name | Value |
|----------------|---------------|
| Default | yes:disable |
| Displayed name | CSF Direction |
| OSS name | csfDirection |
| Read-only | no |
| Tab Panel | General csf |

Table 3-2200 CSF Direction (continued)

| Name | Value |
|--------------------------|------------------|
| Type | CSFDirectionType |
| Enumerated types: | |
| Bidirectional | |
| Disable | |
| Unidirectional | |

CSF Interval

Table 3-2201 CSF Interval

| Name | Value |
|--------------------------|---------------------|
| Default | yes:CCM60 |
| Displayed name | CSF Interval |
| OSS name | csfInterval |
| Read-only | no |
| Tab Panel | General csf |
| Type | CCMIntervalNameType |
| Enumerated types: | |
| 1 s | |
| 10 ms | |
| 10 s | |
| 100 ms | |
| 3.33 ms | |
| 60 s | |
| 600 s | |

CSF Priority

Table 3-2202 CSF Priority

| Name | Value |
|----------------|--------------|
| Default | yes:7 |
| Displayed name | CSF Priority |
| Maximum | 7 |
| Minimum | 0 |

Table 3-2202 CSF Priority (continued)

| Name | Value |
|-------------|-------------|
| OSS name | csfPriority |
| Read-only | no |
| Tab Panel | General csf |
| Type | INT |

CSF Rx Count**Table 3-2203 CSF Rx Count**

| Name | Value |
|----------------|--|
| Description | Specifies the number of CSF frames received on the MEP since the time CSF was enabled (read only). |
| Displayed name | CSF Rx Count |
| OSS name | csfRxCount |
| Read-only | yes |
| Tab Panel | eth_csf csf_fault |
| Type | INT |

CSF Rx Frame State**Table 3-2204 CSF Rx Frame State**

| Name | Value |
|----------------|---|
| Default | yes:dci |
| Description | Indicates the state of the received CSF frames for the MEP (read only). |
| Displayed name | CSF Rx Frame State |
| OSS name | csfRxState |
| Read-only | yes |
| Tab Panel | eth_csf csf_fault |
| Type | ethernetoam.ClientSignalFaultType |

CSF Rx Interval
Table 3-2205 CSF Rx Interval

| Name | Value |
|----------------|---|
| Description | Indicates the CSF Interval received in the most recent CSF frame (read only). |
| Displayed name | CSF Rx Interval |
| OSS name | csfRxInterval |
| Read-only | yes |
| Tab Panel | eth_csf csf_fault |
| Type | INT |

CSF Rx Multiplier**Table 3-2206 CSF Rx Multiplier**

| Name | Value |
|----------------|--|
| Default | yes:3.5 |
| Description | Specifies the receive period multiplier used for timing out CSF, in increments of 5. |
| Displayed name | CSF Rx Multiplier |
| Maximum | 30 |
| Minimum | 0 |
| OSS name | csfRxMultiplier |
| Read-only | no |
| Tab Panel | eth_csf csf_fault |
| Type | FLOAT |

Daughter Card For Incoming LBM Without TLV**Table 3-2207 Daughter Card For Incoming LBM Without TLV**

| Name | Value |
|----------------|--|
| Description | Specifies MDA that handles the incoming LBM with no TLV (read only). |
| Displayed name | Daughter Card For Incoming LBM Without TLV |
| OSS name | lbmNoTLVMdaNum |
| Read-only | yes |
| Tab Panel | General loopback |
| Type | INT |

Defect Flags

Table 3-2208 Defect Flags

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:none |
| Description | Specifies the defects for this MEP. |
| Displayed name | Defect Flags |
| OSS name | mepDefects |
| Read-only | yes |
| Tab Panel | General ccm |
| Type | ethernetoam.MepDefects |

Description

Table 3-2209 Description

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The value of <code>tmnxDot1agCfmMepFacilityVlanId</code> specifies, along with <code>tmnxDot1agCfmMepFacilityIfIndex</code> and <code>tmnxDot1agCfmMepFacilityType</code> , the encapsulation value of the port or interface associated with this MEP. |
| Displayed name | Description |
| Maximum | 80 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General mep |
| Type | STRING |

Direction

Table 3-2210 Direction

| Name | Value |
|-----------------------|---|
| Default | yes:down |
| Description | Specifies the direction up or down for the MEP. Virtual MEP can only have UP direction. |
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | direction |

Table 3-2210 Direction (continued)

| Name | Value |
|-------------|-----------------------|
| Read-only | no |
| Tab Panel | General mep |
| Type | ethernetoam.Direction |

DMR Frames Transmitted**Table 3-2211 DMR Frames Transmitted**

| Name | Value |
|----------------|--|
| Description | Specifies number of DMR frames transmitted on the MEP (read only). |
| Displayed name | DMR Frames Transmitted |
| OSS name | dmrTxCount |
| Read-only | yes |
| Tab Panel | test General |
| Type | INT |

Enable Client Signal Fault**Table 3-2212 Enable Client Signal Fault**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether received CSF (Client Signal Fault) frames are processed by the Maintenance Entity Group (MEG). |
| Displayed name | Enable Client Signal Fault |
| OSS name | csfEnable |
| Read-only | no |
| Tab Panel | eth_csf csf_fault |
| Type | BOOL |

Enable LMM Session Stats Collection**Table 3-2213 Enable LMM Session Stats Collection**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-2213 Enable LMM Session Stats Collection (continued)

| Name | Value |
|----------------|---|
| Description | The value of ImmCollectStats specifies whether or not to compute the Y.1731 Ethernet Loss Measurement (ETH-LM) 'RxFCL' and 'TxFCI' service frame counters for the specified MEP. The 'RxFCL' and 'TxFCI' counters are used by ETH-LM tests. |
| Displayed name | Enable LMM Session Stats Collection |
| OSS name | ImmCollectStats |
| Read-only | no |
| Tab Panel | General mep |
| Type | BOOL |

Enable Test**Table 3-2214 Enable Test**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether Y1731 Dual-Ended Loss Test is enabled when CC messages are enabled. |
| Displayed name | Enable Test |
| OSS name | dualEndedLossEnable |
| Read-only | no |
| Tab Panel | test dualEndedLoss |
| Type | BOOL |

Eth Test Enabled**Table 3-2215 Eth Test Enabled**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether ETH Test frames are generated from the Maintenance Entity Group (MEG). |
| Displayed name | Eth Test Enabled |
| OSS name | ethTestEnable |
| Read-only | no |
| Tab Panel | test General |
| Type | BOOL |

Eth Test Pattern

Table 3-2216 Eth Test Pattern

| Name | Value |
|--------------------------|--|
| Default | yes:allZerosNoCrc |
| Description | Specifies the data-content of the AIS test frames. |
| Displayed name | Eth Test Pattern |
| OSS name | ethTestPattern |
| Read-only | no |
| Tab Panel | test General |
| Type | MepEthTestPatternType |
| Enumerated types: | |
| | AllOnesCrc |
| | AllOnesNoCrc |
| | AllZerosCrc |
| | AllZerosNoCrc |

Eth Test Threshold

Table 3-2217 Eth Test Threshold

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies when a tmnxDot1agCfmMepEthTestComplete notification is sent. If tmnxDot1agCfmMepEthTestThreshold is set to zero (0), a notification is sent on the completion of any test for this MEP. |
| Displayed name | Eth Test Threshold |
| Maximum | 11840 |
| Minimum | 0 |
| OSS name | ethTestThreshold |
| Read-only | no |
| Tab Panel | test General |
| Type | INT |
| Units | number of bit-errors |

Ethernet Ring Path Endpoint

Table 3-2218 Ethernet Ring Path Endpoint

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | Specifies the Ethernet Tunnel Path Endpoint pointer that this regular MEP is associated with. |
| Displayed name | Ethernet Ring Path Endpoint |
| Mandatory on creation | yes |
| OSS name | ethRingPathEndptPointer |
| Read-only | no |
| Tab Panel | General from_ethRing |
| Type | STRING |

Ethernet Tunnel Path Endpoint

Table 3-2219 Ethernet Tunnel Path Endpoint

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | Specifies the Ethernet Tunnel Path Endpoint pointer that this regular MEP is associated with. |
| Displayed name | Ethernet Tunnel Path Endpoint |
| Mandatory on creation | yes |
| OSS name | ethTunnelPathEndptPointer |
| Read-only | no |
| Tab Panel | General from_ethTunnel |
| Type | POINTER |

Facility Fault Notify

Table 3-2220 Facility Fault Notify

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value of FcltyFaultNotify specifies whether or not a fault detected on this Facility MEP will notify the SAPs and Facility MEPs associated to this MEP. This object pertains to Facility MEPs only (Port and LAG). |
| Displayed name | Facility Fault Notify |
| OSS name | fcltyFaultNotify |

Table 3-2220 Facility Fault Notify (continued)

| Name | Value |
|-------------|---------------------|
| Read-only | no |
| Tab Panel | General facilityMep |
| Type | BOOL |

Facility Type

Table 3-2221 Facility Type

| Name | Value |
|----------------|--|
| Default | yes:nonFacilityType |
| Description | The value of <code>tmnxDot1agCfmMepFacilityType</code> specifies, along with <code>tmnxDot1agCfmMepFacilityIfIndex</code> and <code>tmnxDot1agCfmMepFacilityVlanId</code> , whether the port or interface is associated with this MEP. |
| Displayed name | Facility Type |
| OSS name | facilityType |
| Read-only | yes |
| Tab Panel | General facilityMep |
| Type | ethernetoam.FacilityType |

Facility VLAN ID

Table 3-2222 Facility VLAN ID

| Name | Value |
|-----------------------|--|
| Default | yes:0 |
| Description | The value of <code>FacilityVlanId</code> specifies the encapsulation value of the LAG MEP. When VLAN ID is set, then the LAG MEP will be a Tunnel MEP. And a logical tunnel is created with the same VLAN ID. Tunnel Mep is associated with Service SAPs, if the SAPs Outer Encap Value is the same value of the VLAN ID. Thus the Oper State of these SAPs will be affected by the Tunnel Facility Mep, if the Facility Fault Notify is set on the Tunnel Mep, and Site/SAP tunnel fault will be set to accept. |
| Displayed name | Facility VLAN ID |
| Mandatory on creation | yes |
| Maximum | 4094 |
| Minimum | 0 |
| OSS name | facilityVlanId |
| Read-only | no |
| Tab Panel | General facilityMep |

Table 3-2222 Facility VLAN ID (continued)

| Name | Value |
|------|-------|
| Type | INT |

Failed AIS Frame Transmits**Table 3-2223 Failed AIS Frame Transmits**

| Name | Value |
|----------------|---|
| Description | The value of <code>tmnxDot1agCfmMepEthAisTxFail</code> indicates the number of AIS frames the MEP failed to transmit due to resource limitations (read only). |
| Displayed name | Failed AIS Frame Transmits |
| OSS name | aisTxFail |
| Read-only | yes |
| Tab Panel | ais General |
| Type | INT |

Fault Alarm Time**Table 3-2224 Fault Alarm Time**

| Name | Value |
|----------------|---|
| Default | yes:250 |
| Description | The time that defects must be present before a Fault Alarm is issued. |
| Displayed name | Fault Alarm Time |
| Maximum | 1000 |
| Minimum | 250 |
| OSS name | mepFngAlarmTime |
| Read-only | no |
| Step | 10 |
| Tab Panel | General fault |
| Type | INT |
| Units | Centiseconds |

Fault Propagation
Table 3-2225 Fault Propagation

| Name | Value |
|--------------------------|--|
| Default | yes:disabled |
| Description | The value of <code>tmnxDot1agCfmMepFaultPropagation</code> specifies what action should be taken by the MEP if a fault is detected in the service containing the MEP. When this object is set to 'disabled (0)', no additional fault propagation will occur. When this object is set to 'useIfStatusTLV (1)', the MEP will send an interface status TLV in the next CCM indicating fault when fault is detected, even if the MEP itself has not detected a fault. When this object is set to 'suspendCCM (2)', faults will be propagated by stopping the regular CCM transmissions entirely. Once the fault is cleared, the regular CCM transmissions will resume. |
| Displayed name | Fault Propagation |
| OSS name | faultPropagation |
| Read-only | no |
| Tab Panel | General ccm |
| Type | FaultPropagationEnum |
| Enumerated types: | |
| Disabled | |
| SuspendCCM | |
| UseIfStatusTLV | |

Fault Reset Time**Table 3-2226 Fault Reset Time**

| Name | Value |
|----------------|--|
| Default | yes:1000 |
| Description | The time that defects must be absent before resetting a Fault Alarm. |
| Displayed name | Fault Reset Time |
| Maximum | 1000 |
| Minimum | 250 |
| OSS name | mepFngResetTime |
| Read-only | no |
| Step | 10 |
| Tab Panel | General fault |
| Type | INT |
| Units | Centiseconds |

Generate AIS Frames

Table 3-2227 Generate AIS Frames

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether AIS frames are generated for client MEP-s immediately when port down is detected on a SAP where server MEP resides. |
| Displayed name | Generate AIS Frames |
| OSS name | txAisOnPortDown |
| Read-only | no |
| Tab Panel | ais General |
| Type | BOOL |

High-Priority Defect

Table 3-2228 High-Priority Defect

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Specifies highest priority defect for this MEP (read only) |
| Displayed name | High-Priority Defect |
| OSS name | mepHighestPrDefect |
| Read-only | yes |
| Tab Panel | General ccm |
| Type | ethernetoam.HighPriorityDefectType |

ID

Table 3-2229 ID

| Name | Value |
|-----------------------|------------------------|
| Default | yes:0 |
| Description | The identifier for MP. |
| Displayed name | ID |
| Mandatory on creation | yes |
| Maximum | 8191 |
| Minimum | 1 |
| OSS name | id |

Table 3-2229 ID (continued)

| Name | Value |
|-------------|-------------|
| Read-only | no |
| Tab Panel | General mep |
| Type | LONG |

Interface Type

Table 3-2230 Interface Type

| Name | Value |
|-----------------------|--|
| Default | yes:Sap |
| Description | Specifies the if the regular MEP is associated with a Sap, binding or Ethernet Tunnel Path. For virtual MEP, it should be set to "na". |
| Displayed name | Interface Type |
| Mandatory on creation | yes |
| OSS name | sapOrBinding |
| Read-only | no |
| Tab Panel | General mep |
| Type | ethernetoam.SapOrBindingOnMep |

LAG

Table 3-2231 LAG

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | Specifies the LAG pointer that this Facility MEP is associated with. |
| Displayed name | LAG |
| Mandatory on creation | yes |
| OSS name | lagPointer |
| Read-only | no |
| Tab Panel | General from_lag |
| Type | POINTER |

Last Error CCM Failure Frame
Table 3-2232 Last Error CCM Failure Frame

| Name | Value |
|----------------|--|
| Description | The last-received CCM that triggered an DefErrorCCM fault. |
| Displayed name | Last Error CCM Failure Frame |
| OSS name | ccmLastError |
| Read-only | no |
| Tab Panel | General ccm |
| Type | STRING |

Last Xcon CCM Failure Frame**Table 3-2233 Last Xcon CCM Failure Frame**

| Name | Value |
|----------------|--|
| Description | The last-received CCM that triggered a DefXconCCM fault. |
| Displayed name | Last Xcon CCM Failure Frame |
| OSS name | ccmLastXcon |
| Read-only | no |
| Tab Panel | General ccm |
| Type | STRING |

LBR Frames Transmitted With TLV**Table 3-2234 LBR Frames Transmitted With TLV**

| Name | Value |
|----------------|---|
| Description | Specifies number of LBR frames transmitted with TLV on the MEP (read only). |
| Displayed name | LBR Frames Transmitted With TLV |
| OSS name | lbrTxCountWithTLV |
| Read-only | yes |
| Tab Panel | General loopback |
| Type | INT |

LBR Frames Transmitted Without TLV**Table 3-2235 LBR Frames Transmitted Without TLV**

| Name | Value |
|----------------|--|
| Description | Specifies number of LBR frames transmitted without TLV on the MEP (read only). |
| Displayed name | LBR Frames Transmitted Without TLV |
| OSS name | lbrTxCountNoTLV |
| Read-only | yes |
| Tab Panel | General loopback |
| Type | INT |

LMR Frames Transmitted**Table 3-2236 LMR Frames Transmitted**

| Name | Value |
|----------------|--|
| Description | Specifies number of LMR frames transmitted on the MEP (read only). |
| Displayed name | LMR Frames Transmitted |
| OSS name | lmrTxCount |
| Read-only | yes |
| Tab Panel | test General |
| Type | INT |

Low-Priority Defect**Table 3-2237 Low-Priority Defect**

| Name | Value |
|----------------|--|
| Default | yes:macRemErrXcon |
| Description | Specifies the low priority defect at which an alarm will be raised by the MEP. |
| Displayed name | Low-Priority Defect |
| OSS name | mepLowestPrDefect |
| Read-only | no |
| Tab Panel | General ccm |
| Type | ethernetoam.LowPriorityDefectType |

Mac Address**Table 3-2238 Mac Address**

| Name | Value |
|----------------|--|
| Description | Specifies the actual MAC address used by the MP (read only). |
| Displayed name | Mac Address |
| OSS name | operationalMacAddress |
| Read-only | yes |
| Tab Panel | General General |
| Type | MACADDR |

MAC Address**Table 3-2239 MAC Address**

| Name | Value |
|----------------|---|
| Default | yes:00-00-00-00-00-00 |
| Description | Specifies the configured MAC address for the MEP. |
| Displayed name | MAC Address |
| OSS name | macAddress |
| Read-only | no |
| Tab Panel | General mep |
| Type | MACADDR |

Maintenance Domain Level**Table 3-2240 Maintenance Domain Level**

| Name | Value |
|----------------|-----------------------------------|
| Description | The MD level associated with MEP. |
| Displayed name | Maintenance Domain Level |
| OSS name | maintDomainLevel |
| Read-only | yes |
| Tab Panel | General mep |
| Type | INT |

Maintenance Domain Name**Table 3-2241 Maintenance Domain Name**

| Name | Value |
|----------------|----------------------------------|
| Description | The MD Name associated with MEP. |
| Displayed name | Maintenance Domain Name |
| Maximum | 43 |
| OSS name | maintDomainName |
| Read-only | yes |
| Tab Panel | General mep |
| Type | STRING |

Maintenance Domain Name Type**Table 3-2242 Maintenance Domain Name Type**

| Name | Value |
|--------------------------|---------------------------------------|
| Description | The MD Name Type associated with MEP. |
| Displayed name | Maintenance Domain Name Type |
| OSS name | maintDomainNameType |
| Read-only | yes |
| Tab Panel | General mep |
| Type | MaintDomainNameType |
| Enumerated types: | |
| | dns |
| | mac |
| | none |
| | string |

Maintenance Entity Group**Table 3-2243 Maintenance Entity Group**

| Name | Value |
|-----------------------|--------------------------|
| Default | yes: |
| Displayed name | Maintenance Entity Group |
| Mandatory on creation | yes |
| OSS name | maintAssociationPointer |

Table 3-2243 Maintenance Entity Group (continued)

| Name | Value |
|-------------|-------------|
| Read-only | no |
| Tab Panel | General mep |
| Type | POINTER |

Maintenance Entity Group Name**Table 3-2244 Maintenance Entity Group Name**

| Name | Value |
|----------------|-----------------------------------|
| Description | The MEG Name associated with MEP. |
| Displayed name | Maintenance Entity Group Name |
| Maximum | 45 |
| OSS name | maintAssocName |
| Read-only | yes |
| Tab Panel | General mep |
| Type | STRING |

Maintenance Entity Group Name Type**Table 3-2245 Maintenance Entity Group Name Type**

| Name | Value |
|--------------------------|--|
| Description | The MEG Name Type associated with MEP. |
| Displayed name | Maintenance Entity Group Name Type |
| OSS name | maintAssocNameType |
| Read-only | yes |
| Tab Panel | General mep |
| Type | MaintAssocNameType |
| Enumerated types: | |
| icc-based | |
| integer | |
| string | |
| vid | |
| vpn-id | |

MC-LAG Inactive**Table 3-2246 MC-LAG Inactive**

| Name | Value |
|----------------|---|
| Description | The value of <code>tmnxDotLagCfmMepMcLagInactive</code> indicates whether or not the MEP is inactive, 'standby (2)', due to the MC-LAG standby state. The value of <code>tmnxDotLagCfmMcLagStdbyInactive</code> must be set to 'true (1)' for this object to have meaning and return anything other than 'notApplicable (0)'. |
| Displayed name | MC-LAG Inactive |
| OSS name | mcLagInactive |
| Read-only | yes |
| Tab Panel | General redundantMep |
| Type | ethernetoam.McLagInactiveType |

MEG Sub-Group**Table 3-2247 MEG Sub-Group**

| Name | Value |
|----------------|--------------------|
| Displayed name | MEG Sub-Group |
| OSS name | megSubGroupPointer |
| Read-only | no |
| Tab Panel | General subGroup |
| Type | POINTER |

MEP ID**Table 3-2248 MEP ID**

| Name | Value |
|-----------------------|------------------------|
| Default | yes:0 |
| Description | The identifier for MP. |
| Displayed name | MEP ID |
| Mandatory on creation | yes |
| Maximum | 8191 |
| Minimum | 1 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |

Table 3-2248 MEP ID (continued)

| Name | Value |
|------|-------|
| Type | LONG |

Network Interface

Table 3-2249 Network Interface

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | Specifies the Network Interface pointer that this Facility MEP is associated with. |
| Displayed name | Network Interface |
| Mandatory on creation | yes |
| OSS name | routerInterfacePointer |
| Read-only | no |
| Tab Panel | General from_nwInterface |
| Type | POINTER |

One-way-delay Test Threshold

Table 3-2250 One-way-delay Test Threshold

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies when a tmnxDot1agCfmMepDMTestComplete notification is sent for a one-way-delay test. If tmnxDot1agCfmMepOWDTThreshold is set to zero (0), a notification is sent on the completion of any one-way-delay-test for this MEP. |
| Displayed name | One-way-delay Test Threshold |
| Maximum | 600 |
| Minimum | 0 |
| OSS name | owdtThreshold |
| Read-only | no |
| Tab Panel | test General |
| Type | INT |
| Units | seconds |

Operational Mac Address
Table 3-2251 Operational Mac Address

| Name | Value |
|----------------|--|
| Description | Specifies the actual MAC address used by the MP (read only). |
| Displayed name | Operational Mac Address |
| OSS name | operationalMacAddress |
| Read-only | yes |
| Tab Panel | General mep |
| Type | MACADDR |

Port**Table 3-2252 Port**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | Specifies the Port pointer that this Facility MEP is associated with. |
| Displayed name | Port |
| Mandatory on creation | yes |
| OSS name | portPointer |
| Read-only | no |
| Tab Panel | General from_port |
| Type | POINTER |

Primary VLAN Enable**Table 3-2253 Primary VLAN Enable**

| Name | Value |
|-----------------------|---|
| Default | yes:false |
| Description | Specifies whether MEP is using a Primary VLAN ID. |
| Displayed name | Primary VLAN Enable |
| Mandatory on creation | yes |
| OSS name | primaryVlanEnable |
| Read-only | no |
| Tab Panel | General mep |
| Type | BOOL |

Primary VLAN ID
Table 3-2254 Primary VLAN ID

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the Primary VLAN Id associated with the MEP. |
| Displayed name | Primary VLAN ID |
| OSS name | primaryVlanId |
| Read-only | yes |
| Tab Panel | General mep |
| Type | LONG |

Priority Level for CCM**Table 3-2255 Priority Level for CCM**

| Name | Value |
|----------------|---|
| Default | yes:7 |
| Description | Specifies the ccm-interval for the MEP. |
| Displayed name | Priority Level for CCM |
| Maximum | 7 |
| Minimum | 0 |
| OSS name | ccmLtmPriority |
| Read-only | no |
| Tab Panel | General ccm |
| Type | INT |

Redundant MEP**Table 3-2256 Redundant MEP**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies a MEP pointer to the Active/Standby LAG Facility MEP. |
| Displayed name | Redundant MEP |
| OSS name | redundantMepPointer |
| Read-only | yes |
| Tab Panel | General redundantMep |

Table 3-2256 Redundant MEP (continued)

| Name | Value |
|------|---------|
| Type | POINTER |

RMD**Table 3-2257 RMD**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | Specifies the Remote Managed Device that this MEP is associated with. |
| Displayed name | RMD |
| Mandatory on creation | yes |
| OSS name | rmdPointer |
| Read-only | no |
| Tab Panel | General from_rmd |
| Type | POINTER |

Role**Table 3-2258 Role**

| Name | Value |
|--------------------------|---|
| Default | yes:hub |
| Description | Specifies if Test Suite Generation should use this MEP as a Hub or Spoke (Hubs target Hubs and Spokes, Spoke can only target Hubs). |
| Displayed name | Role |
| OSS name | testRole |
| Read-only | no |
| Tab Panel | General testOptions |
| Type | MepRole |
| Enumerated types: | |
| Hub | |
| Spoke | |

SAP

Table 3-2259 SAP

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | Specifies the SAP pointer associated with this regular MEP. Pointer to the service interface for this MEP. |
| Displayed name | SAP |
| Mandatory on creation | yes |
| OSS name | sapPointer |
| Read-only | no |
| Tab Panel | General from_sap |
| Type | POINTER |

SDP Binding

Table 3-2260 SDP Binding

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | Specifies the sdpBindingPointer that this regular MEP is associated with. |
| Displayed name | SDP Binding |
| Mandatory on creation | yes |
| OSS name | sdpBindingPointer |
| Read-only | no |
| Tab Panel | General from_core |
| Type | POINTER |

Service Site Pointer

Table 3-2261 Service Site Pointer

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | Specifies the serviceSitePointer that this virtual MEP is associated with. For SR 7.0, the MEP can only be associated with a B-VPLS Site. For SR 9.0 R4 and above the vMEP can be associated with any VPLS Site. |
| Displayed name | Service Site Pointer |
| Mandatory on creation | yes |

Table 3-2261 Service Site Pointer (continued)

| Name | Value |
|-------------|--------------------|
| OSS name | serviceSitePointer |
| Read-only | no |
| Tab Panel | General from_site |
| Type | POINTER |

Site ID**Table 3-2262 Site ID**

| Name | Value |
|----------------|---------------------------|
| Default | yes:0.0.0.0 |
| Description | The site ID for this MEP. |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General mep |
| Type | STRING |

Type**Table 3-2263 Type**

| Name | Value |
|-----------------------|--|
| Default | yes:regular |
| Description | Specifies the type of this MEP, i.e. it is a regular one associated with a Sap or SDP binding, or a virtual MEP associated to a service Site. Virtual MEP is supported from SR 7.0, and it can only be associated with a B-Site. |
| Displayed name | Type |
| Mandatory on creation | yes |
| OSS name | type |
| Read-only | no |
| Tab Panel | General mep |
| Type | ethernetoam.MepType |

Use as Test Source

Table 3-2264 Use as Test Source

| Name | Value |
|----------------|--|
| Default | yes:true |
| Description | Specifies if Test Suite Generation should use this MEP as a CFM test source (Originating MEP in test). |
| Displayed name | Use as Test Source |
| OSS name | testSource |
| Read-only | no |
| Tab Panel | General testOptions |
| Type | BOOL |

Use as Test Target

Table 3-2265 Use as Test Target

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Specifies if Test Suite Generation should use this MEP as a CFM test target (Target Mac Address in test). |
| Displayed name | Use as Test Target |
| OSS name | testTarget |
| Read-only | no |
| Tab Panel | General testOptions |
| Type | BOOL |

Meter parameters

Admin Cbs

Table 3-2266 Admin Cbs

| Name | Value |
|----------------|-----------|
| Default | yes:-1 |
| Displayed name | Admin Cbs |
| Maximum | 2146959 |
| Minimum | -1 |

Table 3-2266 Admin Cbs (continued)

| Name | Value |
|-------------|---------------------------------|
| OSS name | cbs |
| Read-only | no |
| Tab Panel | Burst Size Committed Burst Size |
| Type | INT |
| Units | kbps |

Admin Mbs**Table 3-2267 Admin Mbs**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:-1 |
| Displayed name | Admin Mbs |
| Maximum | 2146959 |
| Minimum | -1 |
| OSS name | mbs |
| Read-only | no |
| Tab Panel | Burst Size Maximum Burst Size |
| Type | INT |
| Units | kbps |

CIR**Table 3-2268 CIR**

| Name | Value |
|----------------|-------------|
| Default | yes:0 |
| Displayed name | CIR |
| Maximum | 20000000 |
| Minimum | -1 |
| OSS name | cir |
| Read-only | no |
| Tab Panel | CIR/PIR CIR |
| Type | INT |
| Units | kbps |

CIR Adaptation
Table 3-2269 CIR Adaptation

| Name | Value |
|----------------|--|
| Default | yes:closest |
| Description | Specifies the adaptation rule used to compute the operational CIR value. |
| Displayed name | CIR Adaptation |
| OSS name | cirAdaptation |
| Read-only | no |
| Tab Panel | CIR/PIR General |
| Type | qos.RateAdaptationRule |

Color Mode**Table 3-2270 Color Mode**

| Name | Value |
|----------------|--|
| Default | yes:colorBlind |
| Description | Specifies whether or not policers for a meter use DEI bits for classification/drop precedence. DEI bits are used for color-aware policing. |
| Displayed name | Color Mode |
| OSS name | colorMode |
| Read-only | no |
| Tab Panel | General General |
| Type | sasqos.ColorMode |

ID**Table 3-2271 ID**

| Name | Value |
|-----------------------|------------|
| Default | yes:0 |
| Displayed name | ID |
| Mandatory on creation | yes |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | id |
| Read-only | no |

Table 3-2271 ID (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | LONG |

MAX**Table 3-2272 MAX**

| Name | Value |
|----------------|---------------------------------|
| Displayed name | MAX |
| OSS name | valueManager:cbs_max |
| Read-only | no |
| Tab Panel | Burst Size Committed Burst Size |

MAX**Table 3-2273 MAX**

| Name | Value |
|----------------|------------------|
| Displayed name | MAX |
| OSS name | valueManager:cir |
| Read-only | no |
| Tab Panel | CIR/PIR CIR |

MAX**Table 3-2274 MAX**

| Name | Value |
|----------------|-------------------------------|
| Displayed name | MAX |
| OSS name | valueManager:mbs_max |
| Read-only | no |
| Tab Panel | Burst Size Maximum Burst Size |

MAX**Table 3-2275 MAX**

| Name | Value |
|----------------|------------------|
| Displayed name | MAX |
| OSS name | valueManager:pir |
| Read-only | no |
| Tab Panel | CIR/PIR PIR |

MultiPoint**Table 3-2276 MultiPoint**

| Name | Value |
|-----------------------|--------------------|
| Default | yes:false |
| Displayed name | MultiPoint |
| Mandatory on creation | yes |
| OSS name | mCast |
| Read-only | no |
| Tab Panel | General General |
| Type | generic.TruthValue |

Oper Cbs**Table 3-2277 Oper Cbs**

| Name | Value |
|----------------|---------------------------------|
| Default | yes:0 |
| Displayed name | Oper Cbs |
| Maximum | 16384 |
| Minimum | -1 |
| OSS name | operCbs |
| Read-only | yes |
| Tab Panel | Burst Size Committed Burst Size |
| Type | INT |
| Units | kbps |

Oper Mbs
Table 3-2278 Oper Mbs

| Name | Value |
|----------------|-------------------------------|
| Default | yes:0 |
| Displayed name | Oper Mbs |
| Maximum | 16384 |
| Minimum | -1 |
| OSS name | operMbs |
| Read-only | yes |
| Tab Panel | Burst Size Maximum Burst Size |
| Type | INT |
| Units | kbps |

PIR**Table 3-2279 PIR**

| Name | Value |
|----------------|-------------|
| Default | yes:-1 |
| Displayed name | PIR |
| Maximum | 20000000 |
| Minimum | -1 |
| OSS name | pir |
| Read-only | no |
| Tab Panel | CIR/PIR PIR |
| Type | INT |
| Units | kbps |

PIR Adaptation**Table 3-2280 PIR Adaptation**

| Name | Value |
|----------------|--|
| Default | yes:closest |
| Description | Specifies the adaptation rule used to compute the operational PIR value. |
| Displayed name | PIR Adaptation |
| OSS name | pirAdaptation |

Table 3-2280 PIR Adaptation (continued)

| Name | Value |
|-------------|------------------------|
| Read-only | no |
| Tab Panel | CIR/PIR General |
| Type | qos.RateAdaptationRule |

Rate Mode

Table 3-2281 Rate Mode

| Name | Value |
|----------------|--|
| Default | yes:trtcm1 |
| Description | Specifies the adaptation rule used to compute the operational PIR value. |
| Displayed name | Rate Mode |
| OSS name | rateMode |
| Read-only | no |
| Tab Panel | General General |
| Type | qos.MeterMode |

MFibEntry parameters

Forward or Block

Table 3-2282 Forward or Block

| Name | Value |
|--------------------------|------------------------|
| Default | yes:1 |
| Displayed name | Forward or Block |
| OSS name | forwardOrBlock |
| Read-only | no |
| Tab Panel | General General |
| Type | MfibGrpSrcFwdOrBlkType |
| Enumerated types: | |
| | block |
| | forward |

Group IP Address
Table 3-2283 Group IP Address

| Name | Value |
|----------------|---|
| Default | yes:0.0.0.0 |
| Description | Only applicable if the entry is IP-based. Can be IPv4 or IPv6 IP address. |
| Displayed name | Group IP Address |
| OSS name | grpAddr |
| Read-only | yes |
| Tab Panel | General General |
| Type | INETADDR |

Group IP Address Type**Table 3-2284 Group IP Address Type**

| Name | Value |
|----------------|---------------------------------|
| Default | yes:ipv4 |
| Description | IP address type of the grpAddr. |
| Displayed name | Group IP Address Type |
| OSS name | grpInetAddrType |
| Read-only | yes |
| Tab Panel | General General |
| Type | rtr.InetAddressType |

Group MAC Address**Table 3-2285 Group MAC Address**

| Name | Value |
|----------------|--|
| Default | yes:00-00-00-00-00-00 |
| Description | Only applicable if the entry is MAC-based. |
| Displayed name | Group MAC Address |
| OSS name | grpMacAddr |
| Read-only | yes |
| Tab Panel | General General |
| Type | MACADDR |

Location
Table 3-2286 Location

| Name | Value |
|--------------------------|-----------------|
| Default | yes:1 |
| Displayed name | Location |
| Mandatory on creation | yes |
| OSS name | locale |
| Read-only | no |
| Tab Panel | General General |
| Type | MFibLocaleType |
| Enumerated types: | |
| sap | |
| sdp | |

SAP/SDP**Table 3-2287 SAP/SDP**

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | SAP/SDP |
| OSS name | sapOrSdpDisplayedName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Src IP Address**Table 3-2288 Src IP Address**

| Name | Value |
|----------------|---------------------------------|
| Default | yes:0.0.0.0 |
| Description | Can be IPv4 or IPv6 IP address. |
| Displayed name | Src IP Address |
| OSS name | srcAddr |
| Read-only | yes |
| Tab Panel | General General |

Table 3-2288 Src IP Address (continued)

| Name | Value |
|------|----------|
| Type | INETADDR |

Src IP Address Type

Table 3-2289 Src IP Address Type

| Name | Value |
|----------------|---------------------------------|
| Default | yes:ipv4 |
| Description | IP address type of the srcAddr. |
| Displayed name | Src IP Address Type |
| OSS name | srcInetAddressType |
| Read-only | yes |
| Tab Panel | General General |
| Type | rtr.InetAddressType |

Type

Table 3-2290 Type

| Name | Value |
|--------------------------|-----------------|
| Default | yes:ipBased |
| Displayed name | Type |
| OSS name | type |
| Read-only | yes |
| Tab Panel | General General |
| Type | MFibEntryType |
| Enumerated types: | |
| IP Based | |
| MAC Based | |

MIP parameters

Associated SAP/SdpBinding

Table 3-2291 Associated SAP/SdpBinding

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies what the MIP is associated with SAP or SdpBinding. |
| Displayed name | Associated SAP/SdpBinding |
| OSS name | association |
| Read-only | yes |
| Tab Panel | General mip |
| Type | STRING |

Direction

Table 3-2292 Direction

| Name | Value |
|-----------------------|---|
| Default | yes:up |
| Description | Specifies the direction up or down for the MIP. |
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General mip |
| Type | ethernetoam.Direction |

Mac Address

Table 3-2293 Mac Address

| Name | Value |
|----------------|--|
| Description | Specifies the actual MAC address used by the MP (read only). |
| Displayed name | Mac Address |
| OSS name | operationalMacAddress |
| Read-only | yes |
| Tab Panel | General General |

Table 3-2293 Mac Address (continued)

| Name | Value |
|------|---------|
| Type | MACADDR |

Maintenance Domain ID**Table 3-2294 Maintenance Domain ID**

| Name | Value |
|----------------|---------------------------------------|
| Description | The maintenanceDomainId for this MIP. |
| Displayed name | Maintenance Domain ID |
| OSS name | maintDomainId |
| Read-only | yes |
| Tab Panel | General mip |
| Type | LONG |

Maintenance Domain Level**Table 3-2295 Maintenance Domain Level**

| Name | Value |
|-----------------------|-----------------------------------|
| Description | The MD level associated with MIP. |
| Displayed name | Maintenance Domain Level |
| Mandatory on creation | yes |
| OSS name | level |
| Read-only | no |
| Tab Panel | General mip |
| Type | INT |

Maintenance Domain Name**Table 3-2296 Maintenance Domain Name**

| Name | Value |
|----------------|----------------------------------|
| Description | The MD Name associated with MIP. |
| Displayed name | Maintenance Domain Name |
| Maximum | 43 |
| OSS name | maintDomainName |

Table 3-2296 Maintenance Domain Name (continued)

| Name | Value |
|-------------|-------------|
| Read-only | yes |
| Tab Panel | General mip |
| Type | STRING |

Maintenance Domain Name Type**Table 3-2297 Maintenance Domain Name Type**

| Name | Value |
|--------------------------|---------------------------------------|
| Description | The MD Name Type associated with MIP. |
| Displayed name | Maintenance Domain Name Type |
| OSS name | maintDomainNameType |
| Read-only | yes |
| Tab Panel | General mip |
| Type | MaintDomainNameType |
| Enumerated types: | |
| | dns |
| | mac |
| | none |
| | string |

Maintenance Entity Group ID**Table 3-2298 Maintenance Entity Group ID**

| Name | Value |
|----------------|---|
| Description | The Maintenance Entity Group ID for this MIP. |
| Displayed name | Maintenance Entity Group ID |
| OSS name | maintAssocId |
| Read-only | yes |
| Tab Panel | General mip |
| Type | LONG |

Maintenance Entity Group Name
Table 3-2299 Maintenance Entity Group Name

| Name | Value |
|----------------|-----------------------------------|
| Description | The MEG Name associated with MIP. |
| Displayed name | Maintenance Entity Group Name |
| Maximum | 45 |
| OSS name | maintAssocName |
| Read-only | yes |
| Tab Panel | General mip |
| Type | STRING |

Maintenance Entity Group Name Type**Table 3-2300 Maintenance Entity Group Name Type**

| Name | Value |
|--------------------------|--|
| Description | The MEG Name Type associated with MIP. |
| Displayed name | Maintenance Entity Group Name Type |
| OSS name | maintAssocNameType |
| Read-only | yes |
| Tab Panel | General mip |
| Type | MaintAssocNameType |
| Enumerated types: | |
| icc-based | |
| integer | |
| string | |
| vid | |
| vpn-id | |

MEP ID**Table 3-2301 MEP ID**

| Name | Value |
|----------------|------------------------|
| Default | yes:0 |
| Description | The identifier for MP. |
| Displayed name | MEP ID |

Table 3-2301 MEP ID (continued)

| Name | Value |
|-----------------------|-----------------|
| Mandatory on creation | yes |
| Maximum | 8191 |
| Minimum | 1 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Operational Mac Address

Table 3-2302 Operational Mac Address

| Name | Value |
|----------------|---|
| Description | Specifies the actual MAC address used by the MIP (read only). |
| Displayed name | Operational Mac Address |
| OSS name | macAddress |
| Read-only | yes |
| Tab Panel | General mip |
| Type | MACADDR |

Primary VLAN ID

Table 3-2303 Primary VLAN ID

| Name | Value |
|-----------------------|--|
| Default | yes:0 |
| Description | Specifies the Primary VLAN Id associated with the MEP. |
| Displayed name | Primary VLAN ID |
| Mandatory on creation | yes |
| OSS name | primaryVlanId |
| Read-only | no |
| Tab Panel | General mip |
| Type | LONG |

Site ID
Table 3-2304 Site ID

| Name | Value |
|----------------|---------------------------|
| Default | yes:0.0.0.0 |
| Description | The site ID for this MIP. |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General mip |
| Type | STRING |

Mirror Service parameters

Administrative State

Table 3-2305 Administrative State

| Name | Value |
|----------------|---|
| Default | yes:up |
| Description | The administrative state of the service . |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | ServiceState |

Aggregated Service Site Operational State

Table 3-2306 Aggregated Service Site Operational State

| Name | Value |
|----------------|--|
| Default | yes:up |
| Description | The operational status of this service site. |
| Displayed name | Aggregated Service Site Operational State |
| OSS name | aggrOperationalState |

Table 3-2306 Aggregated Service Site Operational State (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | yes |
| Tab Panel | General General |
| Type | AggrOperState |

Automatic SDP Binding Creation**Table 3-2307 Automatic SDP Binding Creation**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Whether NMS should automatically create the Spoke SDP bindings. If 'false' the user has to manually create the SDP bindings. |
| Displayed name | Automatic SDP Binding Creation |
| OSS name | topologyAutoCompletion |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Composite ID**Table 3-2308 Composite ID**

| Name | Value |
|----------------|-----------------|
| Displayed name | Composite ID |
| OSS name | compositeSvcId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Composite Service**Table 3-2309 Composite Service**

| Name | Value |
|----------------|---------------------|
| Displayed name | Composite Service |
| OSS name | compositeSvcPointer |

Table 3-2309 Composite Service (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | yes |
| Tab Panel | General General |
| Type | POINTER |

Contains Dynamically Created Sites**Table 3-2310 Contains Dynamically Created Sites**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates whether this service contains sites created by a dynamic service policy. |
| Displayed name | Contains Dynamically Created Sites |
| OSS name | containsDynamicSites |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Customer**Table 3-2311 Customer**

| Name | Value |
|-----------------------|-------------------|
| Displayed name | Customer |
| Mandatory on creation | yes |
| OSS name | subscriberPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Customer ID**Table 3-2312 Customer ID**

| Name | Value |
|----------------|-------------|
| Default | yes:0 |
| Displayed name | Customer ID |

Table 3-2312 Customer ID (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | subscriberId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Customer Name**Table 3-2313 Customer Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 252 |
| OSS name | customerName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Description**Table 3-2314 Description**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Enable Application Performance Reporting

Table 3-2315 Enable Application Performance Reporting

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | 5670 RAM property to enable Application Performance reporting. |
| Displayed name | Enable Application Performance Reporting |
| OSS name | enableAppPerfReporting |
| Read-only | no |
| Tab Panel | Application Assurance.5670 RAM Parameters.General General |
| Type | BOOL |

Modified for Throughput Test

Table 3-2316 Modified for Throughput Test

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Indicates whether this service is modified for the service throughput test. |
| Displayed name | Modified for Throughput Test |
| OSS name | mfThroughputTest |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Number Of IP Detail Addresses

Table 3-2317 Number Of IP Detail Addresses

| Name | Value |
|----------------|---|
| Default | yes:10 |
| Description | 5670 RAM property for the number of addresses that require IP Detail reporting. |
| Displayed name | Number Of IP Detail Addresses |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | ipDetailCount |
| Read-only | no |
| Tab Panel | Application Assurance.5670 RAM Parameters.General General |

Table 3-2317 Number Of IP Detail Addresses (continued)

| Name | Value |
|------|-------|
| Type | INT |

Number Of Sites**Table 3-2318 Number Of Sites**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Number Of Sites |
| OSS name | numberOfSites |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Report Customer Name**Table 3-2319 Report Customer Name**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Customer name to be used for 5670 RAM reports. |
| Displayed name | Report Customer Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | reportCustName |
| Read-only | no |
| Tab Panel | Application Assurance.5670 RAM Parameters.General General |
| Type | STRING |

Service ID**Table 3-2320 Service ID**

| Name | Value |
|----------------|------------|
| Default | yes:0 |
| Displayed name | Service ID |

Table 3-2320 Service ID (continued)

| Name | Value |
|-----------------------|-----------------|
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | serviceId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Service Name**Table 3-2321 Service Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Service Name |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Service Priority**Table 3-2322 Service Priority**

| Name | Value |
|----------------|------------------------------|
| Default | yes:low |
| Description | The priority of the service. |
| Displayed name | Service Priority |
| OSS name | svcPriority |
| Read-only | no |
| Tab Panel | General General |
| Type | security.PriorityType |

Service Tier
Table 3-2323 Service Tier

| Name | Value |
|----------------|-----------------|
| Default | yes:1 |
| Displayed name | Service Tier |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | tier |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Service Type**Table 3-2324 Service Type**

| Name | Value |
|----------------|-----------------|
| Displayed name | Service Type |
| OSS name | className |
| Read-only | no |
| Tab Panel | General General |

State Cause**Table 3-2325 State Cause**

| Name | Value |
|----------------|--|
| Description | Specifies all the conditions that affect the operating status of this service. |
| Displayed name | State Cause |
| OSS name | operationalFlags |
| Read-only | yes |
| Tab Panel | General General |
| Type | OperFlags |

SVC Mgr Service ID
Table 3-2326 SVC Mgr Service ID

| Name | Value |
|-----------------------|--------------------|
| Default | yes:0 |
| Displayed name | SVC Mgr Service ID |
| Mandatory on creation | yes |
| Maximum | 1000000999999 |
| Minimum | 1 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Template**Table 3-2327 Template**

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | Template |
| Mandatory on creation | yes |
| OSS name | templatePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Test Suite Count**Table 3-2328 Test Suite Count**

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Test Suite Count |
| Minimum | 0 |
| OSS name | sasTestSuiteCount |
| Read-only | yes |
| Tab Panel | General General |

Table 3-2328 Test Suite Count (continued)

| Name | Value |
|------|-------|
| Type | INT |

Transport Type

Table 3-2329 Transport Type

| Name | Value |
|----------------|-----------------------|
| Default | yes:any |
| Displayed name | Transport Type |
| OSS name | transportPreference |
| Read-only | no |
| Tab Panel | General Transport |
| Type | netw.CircuitTransport |

Mirror Site parameters

Account Session ID

Table 3-2330 Account Session ID

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Account Session ID |
| OSS name | acctSessionId |
| Read-only | yes |
| Tab Panel | General Auto-Creation |
| Type | STRING |

Account Session ID (Control)

Table 3-2331 Account Session ID (Control)

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Account Session ID (Control) |
| OSS name | acctSessionIdCtrl |

Table 3-2331 Account Session ID (Control) (continued)

| Name | Value |
|-------------|-----------------------|
| Read-only | yes |
| Tab Panel | General Auto-Creation |
| Type | STRING |

Administrative State**Table 3-2332 Administrative State**

| Name | Value |
|----------------|---|
| Default | yes:serviceUp |
| Description | The administrative state of the service site. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | netw.AdministrativeState |

Creation Mode**Table 3-2333 Creation Mode**

| Name | Value |
|-----------------------|--|
| Default | yes:manual |
| Description | Indicates the protocol or mechanism which created this site. |
| Displayed name | Creation Mode |
| Mandatory on creation | yes |
| OSS name | creationOrigin |
| Read-only | no |
| Tab Panel | General Auto-Creation |
| Type | svt.L2RouteOriginType |

Customer ID
Table 3-2334 Customer ID

| Name | Value |
|----------------|------------------|
| Default | yes:1 |
| Displayed name | Customer ID |
| OSS name | subscriberId |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | LONG |

Customer Name**Table 3-2335 Customer Name**

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 32 |
| OSS name | subscriberName |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | STRING |

Description**Table 3-2336 Description**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Dynamic Service Policy

Table 3-2337 Dynamic Service Policy

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Identifies the Dynamic Service Policy used to create this service. |
| Displayed name | Dynamic Service Policy |
| OSS name | dynamicServicePolicyPointer |
| Read-only | yes |
| Tab Panel | General Auto-Creation |
| Type | POINTER |

Enable Port ID Mirroring

Table 3-2338 Enable Port ID Mirroring

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Indicates whether the port-id of the system is to be included in the mirrored packets. Applies only when encapsulationType is set to PPP. |
| Displayed name | Enable Port ID Mirroring |
| OSS name | enablePortId |
| Read-only | no |
| Tab Panel | Mirroring Configuration General |
| Type | generic.TruthValue |

Encapsulation Type

Table 3-2339 Encapsulation Type

| Name | Value |
|-----------------------|--------------------|
| Default | yes:ether |
| Displayed name | Encapsulation Type |
| Mandatory on creation | yes |
| OSS name | encapsulationType |
| Read-only | no |
| Tab Panel | General General |
| Type | EncapsulationType |

Table 3-2339 Encapsulation Type (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| ATM SDU | |
| CESoPSN | |
| CESoPSN-CAS | |
| Ethernet | |
| Frame Relay | |
| IP Only | |
| PPP | |
| SAToP E1 | |
| SAToP E3 | |
| SAToP T1 | |
| SAToP T3 | |

Forwarding Class**Table 3-2340 Forwarding Class**

| Name | Value |
|----------------|---------------------------------|
| Default | yes:be |
| Displayed name | Forwarding Class |
| OSS name | forwardingClass |
| Read-only | no |
| Tab Panel | Mirroring Configuration General |
| Type | qos.FcEnum |

Monitor Access Interface Operational State**Table 3-2341 Monitor Access Interface Operational State**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Monitor Access Interface Operational State |
| OSS name | monitorAccessInterfaceOper |
| Read-only | no |
| Tab Panel | General General |

Table 3-2341 Monitor Access Interface Operational State (continued)

| Name | Value |
|------|-------|
| Type | BOOL |

Name**Table 3-2342 Name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the Name of the Service Site. It cannot be set to only spaces. Setting to "", "N/A", or "n/a" after creation, will clear Site Name from the node and SAM GUI will display "N/A". |
| Displayed name | Name |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Number of SAPs**Table 3-2343 Number of SAPs**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The number of access interfaces directly connected to this site. |
| Displayed name | Number of SAPs |
| OSS name | numberOfAccessInterfaces |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Operational State

Table 3-2344 Operational State

| Name | Value |
|----------------|--|
| Default | yes:unknown |
| Description | The operational status of this service site. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General General |
| Type | netw.OperationalState |

Profile

Table 3-2345 Profile

| Name | Value |
|----------------|--|
| Default | yes:out |
| Description | Specifies whether packets in a given forwarding class are considered in-profile or out-of-profile. In-profile packets have a higher transmission priority than out-of-profile packets. |
| Displayed name | Profile |
| OSS name | fcProfile |
| Read-only | no |
| Tab Panel | Mirroring Configuration General |
| Type | qos.Profile |

Remote Source Capable

Table 3-2346 Remote Source Capable

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether the sources of the mirrored packets can be on remote sites. If you set this parameter to false, remote source access is not allowed to the mirror destination. |
| Displayed name | Remote Source Capable |
| OSS name | remoteSourceCapable |
| Read-only | no |
| Tab Panel | Mirroring Configuration General |

Table 3-2346 Remote Source Capable (continued)

| Name | Value |
|------|--------------------|
| Type | generic.TruthValue |

Service ID**Table 3-2347 Service ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Service ID |
| OSS name | serviceId |
| Read-only | yes |
| Tab Panel | General Service |
| Type | LONG |

Service Name**Table 3-2348 Service Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Service Name |
| Maximum | 64 |
| OSS name | serviceName |
| Read-only | yes |
| Tab Panel | General Service |
| Type | STRING |

Site Type**Table 3-2349 Site Type**

| Name | Value |
|-----------------------|----------------|
| Default | yes:source |
| Displayed name | Site Type |
| Mandatory on creation | yes |
| OSS name | mirrorSiteType |

Table 3-2349 Site Type (continued)

| Name | Value |
|--------------------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | MirrorSiteType |
| Enumerated types: | |
| Destination | |
| Source | |
| Unknown | |

Slice Size**Table 3-2350 Slice Size**

| Name | Value |
|----------------|---------------------------------|
| Default | yes:0 |
| Displayed name | Slice Size |
| Maximum | 9216 |
| Minimum | 0 |
| OSS name | sliceSize |
| Read-only | no |
| Tab Panel | Mirroring Configuration General |
| Type | LONG |

Source Administrative State**Table 3-2351 Source Administrative State**

| Name | Value |
|--------------------------|---------------------------------|
| Default | yes:unspecified |
| Displayed name | Source Administrative State |
| OSS name | sourceAdministrativeState |
| Read-only | no |
| Tab Panel | Mirroring Configuration General |
| Type | SourceAdministrativeState |
| Enumerated types: | |
| Down | |

Table 3-2351 Source Administrative State (continued)

| Name | Value |
|-------------|-------|
| Unspecified | |
| Up | |

Source Type**Table 3-2352 Source Type**

| Name | Value |
|--------------------------|--|
| Default | yes:local |
| Description | Specifies if the mirror services support local mirror sources, remote mirror sources or both |
| Displayed name | Source Type |
| OSS name | mirrorSourceType |
| Read-only | no |
| Tab Panel | General General |
| Type | MirrorSourceType |
| Enumerated types: | |
| Both | |
| Local | |
| Remote | |

State Cause**Table 3-2353 State Cause**

| Name | Value |
|----------------|--|
| Description | Specifies all the conditions that affect the operating status of this service. |
| Displayed name | State Cause |
| OSS name | operationalFlags |
| Read-only | yes |
| Tab Panel | General General |
| Type | SiteOperFlags |

SVC Mgr Service ID
Table 3-2354 SVC Mgr Service ID

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | SVC Mgr Service ID |
| OSS name | svcComponentId |
| Read-only | yes |
| Tab Panel | General Service |
| Type | LONG |

Switch Name**Table 3-2355 Switch Name**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | On 1830 PSS nodes, new cards like 11QPE24 supports E-LAN (VPLS) and later E-Line (VLL); other cards will follow. All of these cards support the SR-OS object model and behave similar to 7210 nodes. This object represents a service object on a given a site and card. This attribute is a pointer to the card model object. |
| Displayed name | Switch Name |
| Mandatory on creation | yes |
| OSS name | ethernetSwitchCardPointer |
| Read-only | no |
| Tab Panel | General Network Element |
| Type | POINTER |

System ID**Table 3-2356 System ID**

| Name | Value |
|-----------------------|-------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | System ID |
| Mandatory on creation | yes |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General Network Element |

Table 3-2356 System ID (continued)

| Name | Value |
|------|----------|
| Type | INETADDR |

MPO Port Position Info parameters

Connected Port Pointer

Table 3-2357 Connected Port Pointer

| Name | Value |
|----------------|--|
| Description | The pointer to the far end port that is connected to/from the underlying logical port. |
| Displayed name | Connected Port Pointer |
| OSS name | connectedPortPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Connected To/From

Table 3-2358 Connected To/From

| Name | Value |
|----------------|--|
| Description | The far end port name of the port that is connected to/from the underlying logical port. If underlyingPortUsage=used(1), displays the connected to/from port name, else "N/A". |
| Displayed name | Connected To/From |
| OSS name | connectedPortName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Direction
Table 3-2359 Direction

| Name | Value |
|--------------------------|--|
| Description | The direction (in/out) of the logical pack port underlying at the position given in underlyingPortName. in: Signal direction is into the port. out: Signal direction is from the port. notApplicable: The port is not used, or there is no underlying logical port for this multi-fiber connector. |
| Displayed name | Direction |
| OSS name | underlyingPortDirection |
| Read-only | no |
| Tab Panel | General General |
| Type | Direction |
| Enumerated types: | |
| In | |
| N/A | |
| Out | |

Port**Table 3-2360 Port**

| Name | Value |
|----------------|---|
| Description | The logical pack port name underlying at the position given in underlyingPortPointer. If underlyingPortUsage=used(1), displays the underlying port name, else "Not Used". |
| Displayed name | Port |
| OSS name | underlyingPortName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Port Pointer**Table 3-2361 Port Pointer**

| Name | Value |
|----------------|--|
| Description | The logical pack port underlying at the position given in INDEX. |
| Displayed name | Port Pointer |
| OSS name | underlyingPortPointer |

Table 3-2361 Port Pointer (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Position**Table 3-2362 Position**

| Name | Value |
|--------------------------|--|
| Description | The position on the multi-fiber connector. |
| Displayed name | Position |
| Mandatory on creation | yes |
| OSS name | portPosition |
| Read-only | no |
| Tab Panel | General General |
| Type | PortPosition |
| Enumerated types: | |
| 01 | |
| 02 | |
| 03 | |
| 04 | |
| 05 | |
| 06 | |
| 07 | |
| 08 | |
| 09 | |
| 10 | |
| 11 | |
| 12 | |

Multipoint Service Path parameters

ID**Table 3-2363 ID**

| Name | Value |
|-----------------------|-------------------------------|
| Default | yes:0 |
| Description | Unique id for the Connection. |
| Displayed name | ID |
| Mandatory on creation | yes |
| OSS name | connId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Service Component ID**Table 3-2364 Service Component ID**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The id of the transport service to which this service path is associated with. |
| Displayed name | Service Component ID |
| OSS name | svcComponentId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Service Path Mode**Table 3-2365 Service Path Mode**

| Name | Value |
|-----------------------|---|
| Description | The protection state of the connection. |
| Displayed name | Service Path Mode |
| Mandatory on creation | yes |
| OSS name | protectionState |
| Read-only | no |

Table 3-2365 Service Path Mode (continued)

| Name | Value |
|--------------------------|-----------------|
| Tab Panel | General General |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Multipoint Transport Service parameters

A to Z

Table 3-2366 A to Z

| Name | Value |
|--------------------------|---|
| Description | Indicates which service path is the active one in the AZ direction. |
| Displayed name | A to Z |
| OSS name | activePathAZ |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | TransportServiceMode |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Administrative State**Table 3-2367 Administrative State**

| Name | Value |
|----------------|---|
| Default | yes:up |
| Description | The administrative state of the service . |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | ServiceState |

Administrative State**Table 3-2368 Administrative State**

| Name | Value |
|----------------|---|
| Default | yes:up |
| Description | The administrative state of the service . |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | ServiceState |

Aggregated Service Site Operational State**Table 3-2369 Aggregated Service Site Operational State**

| Name | Value |
|----------------|--|
| Default | yes:up |
| Description | The operational status of this service site. |
| Displayed name | Aggregated Service Site Operational State |
| OSS name | aggrOperationalState |
| Read-only | yes |
| Tab Panel | General General |
| Type | AggrOperState |

APS Direction
Table 3-2370 APS Direction

| Name | Value |
|--------------------------|--|
| Default | yes:unspecified |
| Description | Indicates the protection direction of the APS Group to be provisioned as part of the ESNCP-protected service |
| Displayed name | APS Direction |
| OSS name | apsDirection |
| Read-only | no |
| Tab Panel | General APS Group |
| Type | ApsDirection |
| Enumerated types: | |
| Bidirectional | |
| Unidirectional | |

APS Direction**Table 3-2371 APS Direction**

| Name | Value |
|--------------------------|---|
| Default | yes:unidirectional |
| Description | Duplicated from ApsGroup. Applicable only for y-cable protected service in creation mode. |
| Displayed name | APS Direction |
| OSS name | apsDirection |
| Read-only | no |
| Tab Panel | General YCable APS Group |
| Type | ApsDirection |
| Enumerated types: | |
| Bidirectional | |
| Unidirectional | |

Ason Domain**Table 3-2372 Ason Domain**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-2372 Ason Domain (continued)

| Name | Value |
|-----------------------|--|
| Description | Applies to the control plane segment only. |
| Displayed name | Ason Domain |
| Mandatory on creation | yes |
| OSS name | asonDomainPointer |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | POINTER |

CE-VLANID**Table 3-2373 CE-VLANID**

| Name | Value |
|----------------|---|
| Description | Represents the CE VLANID of the vts map |
| Displayed name | CE-VLANID |
| OSS name | vtsMapCEVLANID |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | STRING |

CE-VLANID - AZ**Table 3-2374 CE-VLANID - AZ**

| Name | Value |
|----------------|---|
| Description | Represents the ingress CE VLANID of the vts map |
| Displayed name | CE-VLANID - AZ |
| OSS name | vtsMapIngressCEVLANID |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | STRING |

CE-VLANID - ZA
Table 3-2375 CE-VLANID - ZA

| Name | Value |
|----------------|--|
| Description | Represents the egress CE VLANID of the vts map |
| Displayed name | CE-VLANID - ZA |
| OSS name | vtsMapEgressCEVLANID |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | STRING |

Committed Burst Size - AZ (Kbytes)**Table 3-2376 Committed Burst Size - AZ (Kbytes)**

| Name | Value |
|--------------------------|---|
| Default | yes:256 |
| Description | Represents the minimum committed burst rate that the service supports on the AZ direction |
| Displayed name | Committed Burst Size - AZ (Kbytes) |
| OSS name | vtsCommittedBurstRate |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CbsAndEbsRate |
| Enumerated types: | |
| 1024 | |
| 128 | |
| 16 | |
| 16384 | |
| 2048 | |
| 256 | |
| 32 | |
| 4096 | |
| 512 | |
| 64 | |
| 8192 | |

Committed Burst Size - ZA (Kbytes)**Table 3-2377 Committed Burst Size - ZA (Kbytes)**

| Name | Value |
|--------------------------|---|
| Default | yes:256 |
| Description | Represents the minimum committed burst rate that the service supports on the ZA direction |
| Displayed name | Committed Burst Size - ZA (Kbytes) |
| OSS name | vtsCommittedBurstRateZA |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CbsAndEbsRate |
| Enumerated types: | |
| 1024 | |
| 128 | |
| 16 | |
| 16384 | |
| 2048 | |
| 256 | |
| 32 | |
| 4096 | |
| 512 | |
| 64 | |
| 8192 | |

Committed Info Rate - AZ (Mbps)**Table 3-2378 Committed Info Rate - AZ (Mbps)**

| Name | Value |
|----------------|---|
| Default | yes:100 |
| Description | Represents the minimum committed information rate that the service supports on the AZ direction |
| Displayed name | Committed Info Rate - AZ (Mbps) |
| OSS name | vtsCommittedInfoRate |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CirAndEirRate |

Table 3-2378 Committed Info Rate - AZ (Mbps) (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 1000 | |
| 10000 | |
| 15 | |
| 150 | |
| 1500 | |
| 2 | |
| 20 | |
| 200 | |
| 2000 | |
| 25 | |
| 250 | |
| 2500 | |
| 3 | |
| 30 | |
| 300 | |
| 3000 | |
| 35 | |
| 350 | |
| 3500 | |
| 4 | |
| 40 | |
| 400 | |
| 4000 | |
| 45 | |
| 450 | |
| 4500 | |
| 5 | |
| 50 | |

Table 3-2378 Committed Info Rate - AZ (Mbps) (continued)

| Name | Value |
|------|-------|
| 500 | |
| 5000 | |
| 55 | |
| 550 | |
| 5500 | |
| 6 | |
| 60 | |
| 600 | |
| 6000 | |
| 65 | |
| 650 | |
| 6500 | |
| 7 | |
| 70 | |
| 700 | |
| 7000 | |
| 75 | |
| 750 | |
| 7500 | |
| 8 | |
| 80 | |
| 800 | |
| 8000 | |
| 85 | |
| 850 | |
| 8500 | |
| 9 | |
| 90 | |
| 900 | |
| 9000 | |
| 95 | |
| 950 | |
| 9500 | |

Committed Info Rate - ZA (Mbps)
Table 3-2379 Committed Info Rate - ZA (Mbps)

| Name | Value |
|--------------------------|---|
| Default | yes:100 |
| Description | Represents the minimum committed information rate that the service supports on the ZA direction |
| Displayed name | Committed Info Rate - ZA (Mbps) |
| OSS name | vtsCommittedInfoRateZA |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CirAndEirRate |
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 1000 | |
| 10000 | |
| 15 | |
| 150 | |
| 1500 | |
| 2 | |
| 20 | |
| 200 | |
| 2000 | |
| 25 | |
| 250 | |
| 2500 | |
| 3 | |
| 30 | |
| 300 | |
| 3000 | |
| 35 | |
| 350 | |
| 3500 | |

Table 3-2379 Committed Info Rate - ZA (Mbps) (continued)

| Name | Value |
|------|-------|
| 4 | |
| 40 | |
| 400 | |
| 4000 | |
| 45 | |
| 450 | |
| 4500 | |
| 5 | |
| 50 | |
| 500 | |
| 5000 | |
| 55 | |
| 550 | |
| 5500 | |
| 6 | |
| 60 | |
| 600 | |
| 6000 | |
| 65 | |
| 650 | |
| 6500 | |
| 7 | |
| 70 | |
| 700 | |
| 7000 | |
| 75 | |
| 750 | |
| 7500 | |
| 8 | |
| 80 | |
| 800 | |
| 8000 | |
| 85 | |

Table 3-2379 Committed Info Rate - ZA (Mbps) (continued)

| Name | Value |
|------|-------|
| 850 | |
| 8500 | |
| 9 | |
| 90 | |
| 900 | |
| 9000 | |
| 95 | |
| 950 | |
| 9500 | |

Composite ID**Table 3-2380 Composite ID**

| Name | Value |
|----------------|-----------------|
| Displayed name | Composite ID |
| OSS name | compositeSvcId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Composite Service**Table 3-2381 Composite Service**

| Name | Value |
|----------------|---------------------|
| Displayed name | Composite Service |
| OSS name | compositeSvcPointer |
| Read-only | yes |
| Tab Panel | General General |
| Type | POINTER |

Contains Dynamically Created Sites
Table 3-2382 Contains Dynamically Created Sites

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates whether this service contains sites created by a dynamic service policy. |
| Displayed name | Contains Dynamically Created Sites |
| OSS name | containsDynamicSites |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Customer**Table 3-2383 Customer**

| Name | Value |
|-----------------------|-------------------|
| Displayed name | Customer |
| Mandatory on creation | yes |
| OSS name | subscriberPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Customer ID**Table 3-2384 Customer ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Customer ID |
| OSS name | subscriberId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Customer Name
Table 3-2385 Customer Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 252 |
| OSS name | customerName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Description**Table 3-2386 Description**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Direction**Table 3-2387 Direction**

| Name | Value |
|----------------|--|
| Default | yes:bi |
| Description | Indicates if the service is Uni or Bi Directional. |
| Displayed name | Direction |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General General |
| Type | ServiceDirection |

Table 3-2387 Direction (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Bidirectional | |
| Unidirectional | |

Enable Application Performance Reporting**Table 3-2388 Enable Application Performance Reporting**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | 5670 RAM property to enable Application Performance reporting. |
| Displayed name | Enable Application Performance Reporting |
| OSS name | enableAppPerfReporting |
| Read-only | no |
| Tab Panel | Application Assurance.5670 RAM Parameters.General General |
| Type | BOOL |

Force Create OCh XC**Table 3-2389 Force Create OCh XC**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Indicates whether the OCh xc should be created by force when power commissioning provisioning state is "InProgress" |
| Displayed name | Force Create OCh XC |
| OSS name | forceXcCreate |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Holding Priority**Table 3-2390 Holding Priority**

| Name | Value |
|----------------|---|
| Default | yes:5 |
| Description | Applies to the control plane segment only. Priority used in restoration (holding priority)? TODO: rename if it is the case |
| Displayed name | Holding Priority |
| Maximum | 5 |
| Minimum | 1 |
| OSS name | holdingPriority |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | INT |

Inconsistency**Table 3-2391 Inconsistency**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Description | Discrepancy. |
| Displayed name | Inconsistency |
| OSS name | discrepancy |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Inconsistent**Table 3-2392 Inconsistent**

| Name | Value |
|----------------|-------------------|
| Default | yes:false |
| Description | Discrepancy Flag. |
| Displayed name | Inconsistent |
| OSS name | discrepancyFlag |
| Read-only | no |

Table 3-2392 Inconsistent (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | BOOL |

Is SubGige Full Rate Service**Table 3-2393 Is SubGige Full Rate Service**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether the transport service is QinQ Service with Port Mode [Indicate if the service to be created is a Full Rate Service under subgige rate for QinQ mode] |
| Displayed name | Is SubGige Full Rate Service |
| OSS name | isQinQFullRateService |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | BOOL |

Is SubGige Service QinQ**Table 3-2394 Is SubGige Service QinQ**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicate if the service to be created is a qinq service under subgige rate |
| Displayed name | Is SubGige Service QinQ |
| OSS name | isQinQService |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | BOOL |

Is SVLAN Push-Pop/Keep Capable QinQ Service**Table 3-2395 Is SVLAN Push-Pop/Keep Capable QinQ Service**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-2395 Is SVLAN Push-Pop/Keep Capable QinQ Service (continued)

| Name | Value |
|----------------|---|
| Description | Indicates if SVLAN ID Push Pop Keep feature is applicable for this SubGige QinQ Service |
| Displayed name | Is SVLAN Push-Pop/Keep Capable QinQ Service |
| OSS name | isApplicableSVLANPushPop |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | BOOL |

Is Untagged Traffic Supported**Table 3-2396 Is Untagged Traffic Supported**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | If Untagged Traffic Supported.Specifies whether the transport service is carrying untagged traffic. |
| Displayed name | Is Untagged Traffic Supported |
| OSS name | isUntaggedTrafficSupported |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | BOOL |

Link Group ID**Table 3-2397 Link Group ID**

| Name | Value |
|--------------------------|------------------------------------|
| Default | yes:notApplicable |
| Description | > Specifies the port ISL group Id. |
| Displayed name | Link Group ID |
| OSS name | islGroupId |
| Read-only | no |
| Tab Panel | General General |
| Type | ISLGroupIdType |
| Enumerated types: | |
| 1 | |

Table 3-2397 Link Group ID (continued)

| Name | Value |
|----------------|-------|
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| Not Applicable | |

Managed**Table 3-2398 Managed**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | If true, sites cannot be modified, only 'complete service' can be done. |
| Displayed name | Managed |
| OSS name | isServicePathCreated |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Modified for Throughput Test**Table 3-2399 Modified for Throughput Test**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Indicates whether this service is modified for the service throughput test. |
| Displayed name | Modified for Throughput Test |
| OSS name | mfThroughputTest |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Number Of IP Detail Addresses
Table 3-2400 Number Of IP Detail Addresses

| Name | Value |
|----------------|---|
| Default | yes:10 |
| Description | 5670 RAM property for the number of addresses that require IP Detail reporting. |
| Displayed name | Number Of IP Detail Addresses |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | ipDetailCount |
| Read-only | no |
| Tab Panel | Application Assurance.5670 RAM Parameters.General General |
| Type | INT |

Number Of Sites**Table 3-2401 Number Of Sites**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Number Of Sites |
| OSS name | numberOfSites |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Operational State**Table 3-2402 Operational State**

| Name | Value |
|----------------|--|
| Default | yes:portOutOfService |
| Description | Operational State is built depending on the OT port oper states and XC oper state of Working Path. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |

Table 3-2402 Operational State (continued)

| Name | Value |
|------|----------------------------|
| Type | equipment.OperationalState |

Path Preference

Table 3-2403 Path Preference

| Name | Value |
|-------------------------------------|---|
| Default | yes:working |
| Description | Indicates whether the working path or the protection path needs to be retained when Service protection is modified to unprotected |
| Displayed name | Path Preference |
| OSS name | modifyProtectionPreference |
| Read-only | no |
| Tab Panel | General General |
| Type | ModifyProtectionPreference |
| Enumerated types: | |
| None | |
| Retain Path A1Z1 | |
| Retain Path A1Z2 | |
| Retain Path A2Z1 | |
| Retain Path A2Z2 | |
| Retain Protection Path | |
| Retain Termination Points A1 and Z1 | |
| Retain Termination Points A1 and Z2 | |
| Retain Termination Points A2 and Z1 | |
| Retain Termination Points A2 and Z2 | |
| Retain Working Path | |

Path Search Option

Table 3-2404 Path Search Option

| Name | Value |
|-------------|---|
| Default | yes:system |
| Description | Specifies if routing path should be Auto-picked or User Defined. In case of User Defined, complete route needs to be defined by User via constraints. |

Table 3-2404 Path Search Option (continued)

| Name | Value |
|--------------------------|--------------------|
| Displayed name | Path Search Option |
| OSS name | pathSearchOption |
| Read-only | no |
| Tab Panel | General General |
| Type | PathSearchType |
| Enumerated types: | |
| GMRE Defined | |
| Interactive Mode | |
| System Defined | |
| User Defined | |

Peak Burst Size - AZ (Kbytes)**Table 3-2405 Peak Burst Size - AZ (Kbytes)**

| Name | Value |
|--------------------------|--|
| Default | yes:4096 |
| Description | Represents the minimum excess burst rate that the service supports on the AZ direction |
| Displayed name | Peak Burst Size - AZ (Kbytes) |
| OSS name | vtsExcessBurstRate |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CbsAndEbsRate |
| Enumerated types: | |
| 1024 | |
| 128 | |
| 16 | |
| 16384 | |
| 2048 | |
| 256 | |
| 32 | |
| 4096 | |
| 512 | |
| 64 | |

Table 3-2405 Peak Burst Size - AZ (Kbytes) (continued)

| Name | Value |
|------|-------|
| 8192 | |

Peak Burst Size - ZA (Kbytes)**Table 3-2406 Peak Burst Size - ZA (Kbytes)**

| Name | Value |
|--------------------------|--|
| Default | yes:4096 |
| Description | Represents the minimum excess burst rate that the service supports on the ZA direction |
| Displayed name | Peak Burst Size - ZA (Kbytes) |
| OSS name | vtsExcessBurstRateZA |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CbsAndEbsRate |
| Enumerated types: | |
| 1024 | |
| 128 | |
| 16 | |
| 16384 | |
| 2048 | |
| 256 | |
| 32 | |
| 4096 | |
| 512 | |
| 64 | |
| 8192 | |

Peak Info Rate - AZ (Mbps)**Table 3-2407 Peak Info Rate - AZ (Mbps)**

| Name | Value |
|-------------|--|
| Default | yes:100 |
| Description | Represents the minimum excess information rate that the service supports on the AZ direction |

Table 3-2407 Peak Info Rate - AZ (Mbps) (continued)

| Name | Value |
|--------------------------|------------------------------------|
| Displayed name | Peak Info Rate - AZ (Mbps) |
| OSS name | vtsExcessInfoRate |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CirAndEirRate |
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 1000 | |
| 10000 | |
| 15 | |
| 150 | |
| 1500 | |
| 2 | |
| 20 | |
| 200 | |
| 2000 | |
| 25 | |
| 250 | |
| 2500 | |
| 3 | |
| 30 | |
| 300 | |
| 3000 | |
| 35 | |
| 350 | |
| 3500 | |
| 4 | |
| 40 | |
| 400 | |
| 4000 | |

Table 3-2407 Peak Info Rate - AZ (Mbps) (continued)

| Name | Value |
|------|-------|
| 45 | |
| 450 | |
| 4500 | |
| 5 | |
| 50 | |
| 500 | |
| 5000 | |
| 55 | |
| 550 | |
| 5500 | |
| 6 | |
| 60 | |
| 600 | |
| 6000 | |
| 65 | |
| 650 | |
| 6500 | |
| 7 | |
| 70 | |
| 700 | |
| 7000 | |
| 75 | |
| 750 | |
| 7500 | |
| 8 | |
| 80 | |
| 800 | |
| 8000 | |
| 85 | |
| 850 | |
| 8500 | |
| 9 | |
| 90 | |

Table 3-2407 Peak Info Rate - AZ (Mbps) (continued)

| Name | Value |
|------|-------|
| 900 | |
| 9000 | |
| 95 | |
| 950 | |
| 9500 | |

Peak Info Rate - ZA (Mbps)**Table 3-2408 Peak Info Rate - ZA (Mbps)**

| Name | Value |
|--------------------------|--|
| Default | yes:100 |
| Description | Represents the minimum excess information rate that the service supports on the ZA direction |
| Displayed name | Peak Info Rate - ZA (Mbps) |
| OSS name | vtsExcessInfoRateZA |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CirAndEirRate |
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 1000 | |
| 10000 | |
| 15 | |
| 150 | |
| 1500 | |
| 2 | |
| 20 | |
| 200 | |
| 2000 | |
| 25 | |

Table 3-2408 Peak Info Rate - ZA (Mbps) (continued)

| Name | Value |
|------|-------|
| 250 | |
| 2500 | |
| 3 | |
| 30 | |
| 300 | |
| 3000 | |
| 35 | |
| 350 | |
| 3500 | |
| 4 | |
| 40 | |
| 400 | |
| 4000 | |
| 45 | |
| 450 | |
| 4500 | |
| 5 | |
| 50 | |
| 500 | |
| 5000 | |
| 55 | |
| 550 | |
| 5500 | |
| 6 | |
| 60 | |
| 600 | |
| 6000 | |
| 65 | |
| 650 | |
| 6500 | |
| 7 | |
| 70 | |
| 700 | |

Table 3-2408 Peak Info Rate - ZA (Mbps) (continued)

| Name | Value |
|------|-------|
| 7000 | |
| 75 | |
| 750 | |
| 7500 | |
| 8 | |
| 80 | |
| 800 | |
| 8000 | |
| 85 | |
| 850 | |
| 8500 | |
| 9 | |
| 90 | |
| 900 | |
| 9000 | |
| 95 | |
| 950 | |
| 9500 | |

Plane Type**Table 3-2409 Plane Type**

| Name | Value |
|-----------------------|---|
| Default | yes:MP |
| Description | - Management plane, control plane or mixed. |
| Displayed name | Plane Type |
| Mandatory on creation | yes |
| OSS name | managementDomains |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.MgmtAccessDomains |

Protection Level
Table 3-2410 Protection Level

| Name | Value |
|--------------------------|--|
| Default | yes:unprotected |
| Description | The calculated protection based on the underlying server otn layers. |
| Displayed name | Protection Level |
| Mandatory on creation | yes |
| OSS name | protectionLevel |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionLevel |
| Enumerated types: | |
| | Protected |
| | Segment Protected |
| | Unprotected |

Protection Path Service**Table 3-2411 Protection Path Service**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | Needs to be set , while creating a diverse routed service, using two existing unprotected services. |
| Displayed name | Protection Path Service |
| Mandatory on creation | yes |
| OSS name | diverseProtectionService |
| Read-only | no |
| Tab Panel | General Diverse Route Details |
| Type | POINTER |

Protection Type**Table 3-2412 Protection Type**

| Name | Value |
|---------|-----------------|
| Default | yes:unprotected |

Table 3-2412 Protection Type (continued)

| Name | Value |
|--------------------------|--------------------------------|
| Description | Protection Type of the Service |
| Displayed name | Protection Type |
| OSS name | protection |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionType |
| Enumerated types: | |
| Client Protected | |
| Diverse Route | |
| ESNCP Protected | |
| OPS Protected | |
| Segment Protected | |
| Unprotected | |
| Y-Cable Protected | |

QinQ Service Stack-VLAN Tagging Configuration

Table 3-2413 QinQ Service Stack-VLAN Tagging Configuration

| Name | Value |
|--------------------------|---|
| Default | yes:PushPop |
| Description | Indicates QinQ Service Stack-VLAN Tagging Configuration. Specifies the type of Stack-VLAN configuration : Push-Pop or Keep. |
| Displayed name | QinQ Service Stack-VLAN Tagging Configuration |
| OSS name | svlanTaggingConfiguration |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | SVLANTaggingConfiguration |
| Enumerated types: | |
| Keep | |
| Push-Pop | |

Rate
Table 3-2414 Rate

| Name | Value |
|--------------------------|--|
| Default | yes:unspecified |
| Description | Service Rate - Indicates the rate of the termination points. |
| Displayed name | Rate |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | AssignedRate |
| Enumerated types: | |
| 100GbE LAN | |
| 10GbE LAN | |
| 1GbE | |
| 3GSDI | |
| 40GbE LAN | |
| 40GbE MLD LAN | |
| BITS | |
| CBR10G | |
| CBR10G3 | |
| CBR2G5 | |
| DCN | |
| DDR | |
| Default | |
| DVBASI | |
| DVI 6000 | |
| E1 | |
| ESCON | |
| FC100 | |
| FC1200 | |
| FC1600 | |
| FC200 | |
| FC400 | |
| FC800 | |
| FDDI | |

Table 3-2414 Rate (continued)

| Name | Value |
|-------------------|-------|
| FE | |
| HSDSI | |
| N/A | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex-3GSDI | |
| ODUFlex-40GBE MLD | |
| ODUFlex-CBR | |
| ODUFlex-DDR | |
| ODUFlex-FC1200 | |
| ODUFlex-FC1600 | |
| ODUFlex-FC400 | |
| ODUFlex-FC800 | |
| ODUFlex-GFP | |
| OMS | |
| ONETRU | |
| OPTSG | |
| OS | |

Table 3-2414 Rate (continued)

| Name | Value |
|------------|-------|
| OTL4.4 | |
| OTS | |
| OTU1 | |
| OTU1f | |
| OTU2 | |
| OTU2e | |
| OTU3 | |
| OTU3e2 | |
| OTU4 | |
| OTU4x2 | |
| SDR | |
| SDSDI | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| SubGigE | |
| TOD | |
| Unassigned | |
| Unknown | |

Report Customer Name**Table 3-2415 Report Customer Name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Customer name to be used for 5670 RAM reports. |
| Displayed name | Report Customer Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | reportCustName |
| Read-only | no |

Table 3-2415 Report Customer Name (continued)

| Name | Value |
|-------------|---|
| Tab Panel | Application Assurance.5670 RAM Parameters.General General |
| Type | STRING |

Restoration Method**Table 3-2416 Restoration Method**

| Name | Value |
|-----------------------|---|
| Default | yes:unprotected |
| Description | Applies to the control plane segment only. - Permanent connections support unprotected and snep values. - Soft permanent connections support all values. - Switched connections support all values. See common behavior shell for supported restoration types (depends on connectionSetupType and protection type). |
| Displayed name | Restoration Method |
| Mandatory on creation | yes |
| OSS name | restorationMethod |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | gmpls.RestorationMethodType |

Reversion Mode**Table 3-2417 Reversion Mode**

| Name | Value |
|----------------|--|
| Default | yes>manual |
| Description | Applies to the control plane segment only. |
| Displayed name | Reversion Mode |
| OSS name | reversionType |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | gmpls.ReversionType |

Revert Mode**Table 3-2418 Revert Mode**

| Name | Value |
|--------------------------|---|
| Default | yes:unspecified |
| Description | Indicates whether revertive or non-revertive APS Group is to be provisioned as part of the ESNCP-protected service. |
| Displayed name | Revert Mode |
| OSS name | revertMode |
| Read-only | no |
| Tab Panel | General APS Group |
| Type | ApsRevertMode |
| Enumerated types: | |
| Non Revertive | |
| Revertive | |

Revert Mode**Table 3-2419 Revert Mode**

| Name | Value |
|--------------------------|--|
| Default | yes:nonrevertive |
| Description | Duplicated from ApsGroup. Applicable only for y-cable protected service in creation mode. Specifies the Reversion mode of the Transport Service. |
| Displayed name | Revert Mode |
| OSS name | revertMode |
| Read-only | no |
| Tab Panel | General YCable APS Group |
| Type | ApsRevertMode |
| Enumerated types: | |
| Non Revertive | |
| Revertive | |

Service Deployment Mode
Table 3-2420 Service Deployment Mode

| Name | Value |
|--------------------------|---|
| Default | yes:deploy |
| Description | Indicates if the TransportService is created in Preview (or) Deploy Mode. |
| Displayed name | Service Deployment Mode |
| OSS name | connectionMode |
| Read-only | no |
| Tab Panel | General General |
| Type | ConnectionMode |
| Enumerated types: | |
| Deploy | |
| Failed | |
| Preview | |
| Unknown | |

Service ID**Table 3-2421 Service ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Service ID |
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | serviceId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Service Name**Table 3-2422 Service Name**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-2422 Service Name (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Service Name |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Service Priority

Table 3-2423 Service Priority

| Name | Value |
|----------------|------------------------------|
| Default | yes:low |
| Description | The priority of the service. |
| Displayed name | Service Priority |
| OSS name | svcPriority |
| Read-only | no |
| Tab Panel | General General |
| Type | security.PriorityType |

Service Tier

Table 3-2424 Service Tier

| Name | Value |
|----------------|-----------------|
| Default | yes:1 |
| Displayed name | Service Tier |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | tier |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Service Type
Table 3-2425 Service Type

| Name | Value |
|----------------|-----------------|
| Displayed name | Service Type |
| OSS name | className |
| Read-only | no |
| Tab Panel | General General |

Service Type**Table 3-2426 Service Type**

| Name | Value |
|--------------------------|--|
| Default | yes:unspecified |
| Description | Service type - Indicates the type of optical transport service, e.g. Multicast, Drop and Continue. |
| Displayed name | Service Type |
| OSS name | svcType |
| Read-only | no |
| Tab Panel | General General |
| Type | ServiceType |
| Enumerated types: | |
| Drop and Continue | |
| Multicast | |

Setup Priority**Table 3-2427 Setup Priority**

| Name | Value |
|----------------|---|
| Default | yes:5 |
| Description | Applies to the control plane segment only. Setup priority determines whether this ODU connection might preempt existing connections during setup. |
| Displayed name | Setup Priority |
| Maximum | 5 |
| Minimum | 1 |
| OSS name | setupPriority |

Table 3-2427 Setup Priority (continued)

| Name | Value |
|-------------|-----------------------|
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | INT |

Stack-VLANID - AZ**Table 3-2428 Stack-VLANID - AZ**

| Name | Value |
|----------------|--|
| Default | yes:10 |
| Description | Represents the egress S VLANID of the vts map in qinq mode |
| Displayed name | Stack-VLANID - AZ |
| Maximum | 4095 |
| Minimum | 1 |
| OSS name | vtsMapEgressSVLANID |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | LONG |

Stack-VLANID - ZA**Table 3-2429 Stack-VLANID - ZA**

| Name | Value |
|----------------|---|
| Default | yes:10 |
| Description | Represents the ingress S VLANID of the vts map in qinq mode |
| Displayed name | Stack-VLANID - ZA |
| Maximum | 4095 |
| Minimum | 1 |
| OSS name | vtsMapIngressSVLANID |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | LONG |

State Cause
Table 3-2430 State Cause

| Name | Value |
|----------------|--|
| Description | Specifies all the conditions that affect the operating status of this service. |
| Displayed name | State Cause |
| OSS name | operationalFlags |
| Read-only | yes |
| Tab Panel | General General |
| Type | OperFlags |

SVC Mgr Service ID**Table 3-2431 SVC Mgr Service ID**

| Name | Value |
|-----------------------|--------------------|
| Default | yes:0 |
| Displayed name | SVC Mgr Service ID |
| Mandatory on creation | yes |
| Maximum | 1000000999999 |
| Minimum | 1 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Template**Table 3-2432 Template**

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | Template |
| Mandatory on creation | yes |
| OSS name | templatePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Test Suite Count
Table 3-2433 Test Suite Count

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Test Suite Count |
| Minimum | 0 |
| OSS name | sasTestSuiteCount |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Use Existing Unprotected Services**Table 3-2434 Use Existing Unprotected Services**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Set to 'true', while creating a diverse routed service, using two existing unprotected services. |
| Displayed name | Use Existing Unprotected Services |
| OSS name | isCreateDiverseFromExisting |
| Read-only | no |
| Tab Panel | General Diverse Route Details |
| Type | BOOL |

Wait For Server Restoration**Table 3-2435 Wait For Server Restoration**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:true |
| Displayed name | Wait For Server Restoration |
| OSS name | waitForServerRestoration |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | BOOL |

Wait To Restore
Table 3-2436 Wait To Restore

| Name | Value |
|----------------|--|
| Default | yes:5 |
| Description | Duplicated from ApsGroup. Applicable only for y-cable protected service in creation/edit mode. |
| Displayed name | Wait To Restore |
| Maximum | 20 |
| Minimum | 1 |
| OSS name | waitToRestore |
| Read-only | no |
| Tab Panel | General YCable APS Group |
| Type | INT |
| Units | minutes |

Wave Key Assign Mode**Table 3-2437 Wave Key Assign Mode**

| Name | Value |
|--------------------------|--|
| Default | yes:auto |
| Description | Indicates the wavekey generation mode for the service. |
| Displayed name | Wave Key Assign Mode |
| OSS name | wavekeyAssignMode |
| Read-only | no |
| Tab Panel | General General |
| Type | WavekeySelect |
| Enumerated types: | |
| Auto Keying (NE) | |
| Auto Keying (NMS) | |
| Unkeyed | |

Working Path Service
Table 3-2438 Working Path Service

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | Needs to be set , while creating a diverse routed service, using two existing unprotected services. |
| Displayed name | Working Path Service |
| Mandatory on creation | yes |
| OSS name | diverseWorkingService |
| Read-only | no |
| Tab Panel | General Diverse Route Details |
| Type | POINTER |

Z to A**Table 3-2439 Z to A**

| Name | Value |
|--------------------------|---|
| Description | Indicates which service path is the active one in the ZA direction. |
| Displayed name | Z to A |
| OSS name | activePathZA |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | TransportServiceMode |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

NE Ethernet CFM Configuration parameters

Fault Management Mode

Table 3-2440 Fault Management Mode

| Name | Value |
|--------------------------|--|
| Default | yes:ieee |
| Description | The Ethernet OAM fault management compliancy of the card. {BR} Current configurable modes: {UL} {LI} ieee: IEEE 802.1ag compliant {LI} itu: ITU-T G.8021 compliant |
| Displayed name | Fault Management Mode |
| OSS name | faultMode |
| Read-only | no |
| Tab Panel | General Ethernet OAM Fault Management |
| Type | EthernetOAMFaultMode |
| Enumerated types: | |
| | IEEE |
| | ITU |

Grace Period TX

Table 3-2441 Grace Period TX

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | The value of tmnxDot1agCfmGracePeriod indicates whether or not some portion of the locally configured ETH-CFM MEPs are transmitting grace period notifications to their peers. A value of 'true' indicates that a grace period is being transmitted, a value of 'false' indicates no grace period information is being sent. Only admin up and ccm-enabled local MEPs in an association with a ccm-interval of 1 second or faster are eligible to transmit grace period information in the CCM PDUs. Grace period information is also transmitted in AIS PDUs if they have a 1 second period. |
| Displayed name | Grace Period TX |
| OSS name | gracePeriodTx |
| Read-only | yes |
| Tab Panel | General GracePeriod |
| Type | BOOL |

Grace Period TX Enabled
Table 3-2442 Grace Period TX Enabled

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | The value of <code>tmnxDot1agCfmGraceTxEnable</code> specifies whether or not grace period notifications will be sent to the ETH-CFM remote MEP peers. The value 'true' enables grace period notifications, and the value 'false' suppresses the notifications. During an outage, the modification of this object from 'true' to 'false' will cause an immediate clear of all grace period notifications, after which no further notifications will be sent. A modification of this object from 'false' to 'true' will not enable the transmission of grace period for any outages currently in progress but will take effect for subsequent outages. |
| Displayed name | Grace Period TX Enabled |
| OSS name | graceTxEnable |
| Read-only | no |
| Tab Panel | General GracePeriod |
| Type | BOOL |

MC LAG Prop Hold Time**Table 3-2443 MC LAG Prop Hold Time**

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | The value of <code>tmnxDot1agCfmMcLagPropHoldTime</code> specifies the duration, in seconds, of a timer that is activated when an MC-LAG port or protocol changes state. While the timer is active, no fault set or clear is propagated to the MC-LAG SAP's CFM MEP. The outstanding hold time can be monitored by polling the value of <code>sapEthCfmMcLagPropHoldTimeRemain</code> for a particular SAP. When set to the value zero (0), no delay in response to a port or protocol change will be observed. This object is meaningful only when <code>tmnxDot1agCfmMcLagStdbbyInactive</code> is set to the value 'enabled (1)', otherwise an SNMP Set operation will result in an <code>inconsistentValue</code> error and the result of an SNMP Get operation will be undefined. |
| Displayed name | MC LAG Prop Hold Time |
| Maximum | 60 |
| Minimum | 0 |
| OSS name | mcLagPropHoldTime |
| Read-only | no |
| Tab Panel | General mclag |
| Type | LONG |
| Units | seconds |

MC LAG Standby Inactive
Table 3-2444 MC LAG Standby Inactive

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | The value of McLagStdbyInactive specifies whether or not ETH-CFM MEPs configured on Multi-Chassis LAG ports are aware of MC-LAG port active/standby states. When this object is 'true (1)', MEPs configured on a Multi-Chassis LAG port will act as if they are administratively shutdown if running on a standby port, and will only be operational on an active MC-LAG port. When this object is 'false (2)', MEPs configured on a Multi-Chassis LAG port will operate regardless of the MC-LAG port active and standby states. |
| Displayed name | MC LAG Standby Inactive |
| OSS name | mcLagStdbyInactive |
| Read-only | no |
| Tab Panel | General mlag |
| Type | BOOL |

MEP ID**Table 3-2445 MEP ID**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The MEP Id will be used when auto MEP Id generation is used. The user will be able to choose a unique starting MEP Id for each NE managed by SAM, that supports MEPs. When a MEP is created on an NE with Mep Id configured, then the configured MEP Id will be used. If that MEP Id is already used by the NE, then the next available MEP Id will be used. |
| Displayed name | MEP ID |
| Maximum | 8191 |
| Minimum | 0 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Sender ID Name**Table 3-2446 Sender ID Name**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-2446 Sender ID Name (continued)

| Name | Value |
|----------------|---|
| Description | The value of <code>tmnxDot1agCfmSenderIdName</code> specifies the locally defined sender-id name that is inserted in all CFM transmitted PDUs. The value of this object is only meaningful if the value of <code>tmnxDot1agCfmSenderIdType</code> is set to the value 'local (2)'. Otherwise the value of this object MUST be the empty string. The value of this object MUST be set to a non-empty string in the same SNMP PDU as the modification of <code>tmnxDot1agCfmSenderIdType</code> when the type is assigned to the value 'local (2)'. Modification of the type away from 'local (2)' will automatically reset the value to its default value. |
| Displayed name | Sender ID Name |
| Maximum | 45 |
| OSS name | <code>senderIdName</code> |
| Read-only | no |
| Tab Panel | General SenderId |
| Type | STRING |

Sender ID Type**Table 3-2447 Sender ID Type**

| Name | Value |
|--------------------------|--|
| Default | <code>yes:senderIdSystem</code> |
| Description | The value of <code>tmnxDot1agCfmSenderIdType</code> specifies the type of sender identification that is transmitted in CFM PDUs generated from this system. The value of 'none (0)' indicates that there is no sender-id information transmitted in the PDUs. 'system (1)' indicates that the system's name (TIMETRA-CHASSIS-MIB:: <code>tmnxChassisName</code>) is inserted in transmitted PDUs, while 'local (2)' indicates that the value as defined in <code>tmnxDot1agCfmSenderIdName</code> is transmitted. |
| Displayed name | Sender ID Type |
| OSS name | <code>senderIdType</code> |
| Read-only | no |
| Tab Panel | General SenderId |
| Type | <code>Dot1agCfmSenderIdTypeEnum</code> |
| Enumerated types: | |
| Local | |
| System | |

SLM Inactivity Timer
Table 3-2448 SLM Inactivity Timer

| Name | Value |
|----------------|---|
| Default | yes:100 |
| Description | The value of inactivityTimer specifies the duration, in seconds, that the system will maintain Synthetic Loss Measurement (SLM) reply (SLR) data for individual two-way tests in the absence of receiving SLM frames. The system may be blocked in responding to new two-way SLM tests due to an excessive inactive timer duration. In this case, reducing this object's value, thus reducing the retention time for existing latent SLR test data, will help free test resources allowing the system to respond to new two-way SLM tests." |
| Displayed name | SLM Inactivity Timer |
| Maximum | 100 |
| Minimum | 10 |
| OSS name | inactivityTimer |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |
| Units | seconds |

NE Maintenance Entity Group parameters

Card Subtype
Table 3-2449 Card Subtype

| Name | Value |
|----------------|---|
| Description | The type of the card provisioned on the applicable nodes. |
| Displayed name | Card Subtype |
| OSS name | assignedCardSubType |
| Read-only | yes |
| Tab Panel | General general |
| Type | equipment.CardSubType |

Card/RMD**Table 3-2450 Card/RMD**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | The name of this property is misleading. It can either be referencing a Cardslot or an CFM capable remotely managed device (RMD). |
| Displayed name | Card/RMD |
| Mandatory on creation | yes |
| OSS name | ethernetSwitchCardPointer |
| Read-only | no |
| Tab Panel | General general |
| Type | POINTER |

CCM Interval**Table 3-2451 CCM Interval**

| Name | Value |
|--------------------------|--|
| Default | yes:CCM10 |
| Description | Specifies the ccm-interval for this MEG. |
| Displayed name | CCM Interval |
| OSS name | ccmInterval |
| Read-only | no |
| Tab Panel | General general |
| Type | CCMIntervalNameType |
| Enumerated types: | |
| 1 s | |
| 10 ms | |
| 10 s | |
| 100 ms | |
| 3.33 ms | |
| 60 s | |
| 600 s | |

CFM Hold Down Timer
Table 3-2452 CFM Hold Down Timer

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the time, in centiseconds, that a MEP in the association will delay declaring a fault. |
| Displayed name | CFM Hold Down Timer |
| Maximum | 1000 |
| Minimum | 0 |
| OSS name | cfmHoldDownTimer |
| Read-only | no |
| Tab Panel | General general |
| Type | INT |
| Units | Centiseconds |

Enable Auto Remote MEP Discovery**Table 3-2453 Enable Auto Remote MEP Discovery**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | The value of autoRemoteMepDiscover specifies if remote MEP automatic discovery is enabled in the association. |
| Displayed name | Enable Auto Remote MEP Discovery |
| OSS name | autoRemoteMepDiscover |
| Read-only | no |
| Tab Panel | General general |
| Type | BOOL |

Facility ID-Permission**Table 3-2454 Facility ID-Permission**

| Name | Value |
|----------------|---|
| Default | yes:sendIdNone |
| Description | Enumerated value indicating what, if anything, is to be included in the Sender ID TLV (21.5.3) transmitted by MPS configured in this MEG. This object is configurable on MA entries that do not consist of component entries. |
| Displayed name | Facility ID-Permission |

Table 3-2454 Facility ID-Permission (continued)

| Name | Value |
|--------------------------|---------------------------|
| Mandatory on creation | no |
| OSS name | facilityidPermission |
| Read-only | no |
| Tab Panel | General general |
| Type | DotIagCfmIdPermissionEnum |
| Enumerated types: | |
| chassis | |
| chassisManage | |
| defer | |
| manage | |
| none | |

Global MEG**Table 3-2455 Global MEG**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Global MEG |
| OSS name | globalCcTest |
| Read-only | yes |
| Tab Panel | General general |
| Type | POINTER |

Maintenance Domain ID**Table 3-2456 Maintenance Domain ID**

| Name | Value |
|----------------|--|
| Description | The identifier for local MD associated with this local MEG derived from MD pointer to global MD. |
| Displayed name | Maintenance Domain ID |
| OSS name | maintenanceDomainId |
| Read-only | yes |
| Tab Panel | General general |

Table 3-2456 Maintenance Domain ID (continued)

| Name | Value |
|------|-------|
| Type | LONG |

Maintenance Domain Level**Table 3-2457 Maintenance Domain Level**

| Name | Value |
|----------------|--------------------------|
| Default | yes:0 |
| Description | The MD level 0 to 7. |
| Displayed name | Maintenance Domain Level |
| Maximum | 7 |
| Minimum | 0 |
| OSS name | maintDomainLevel |
| Read-only | yes |
| Tab Panel | General general |
| Type | INT |

Maintenance Entity Group ID**Table 3-2458 Maintenance Entity Group ID**

| Name | Value |
|-----------------------|-----------------------------|
| Description | The identifier for MEG. |
| Displayed name | Maintenance Entity Group ID |
| Mandatory on creation | yes |
| OSS name | maintenanceAssociationId |
| Read-only | no |
| Tab Panel | General general |
| Type | LONG |

Maintenance Entity Group Name**Table 3-2459 Maintenance Entity Group Name**

| Name | Value |
|-------------|------------------------------------|
| Description | The Maintenance Entity Group Name. |

Table 3-2459 Maintenance Entity Group Name (continued)

| Name | Value |
|----------------|-------------------------------|
| Displayed name | Maintenance Entity Group Name |
| Maximum | 45 |
| OSS name | maintAssocName |
| Read-only | yes |
| Tab Panel | General general |
| Type | STRING |

Maintenance Entity Group Name Type**Table 3-2460 Maintenance Entity Group Name Type**

| Name | Value |
|--------------------------|---|
| Description | Specifies the address type of the Maintenance Entity Group. |
| Displayed name | Maintenance Entity Group Name Type |
| OSS name | maintAssocNameType |
| Read-only | yes |
| Tab Panel | General general |
| Type | MaintAssocNameType |
| Enumerated types: | |
| | icc-based |
| | integer |
| | string |
| | vid |
| | vpn-id |

Number Of MEPs**Table 3-2461 Number Of MEPs**

| Name | Value |
|----------------|------------------|
| Default | yes:0 |
| Displayed name | Number Of MEPs |
| OSS name | totalNumberOfMep |
| Read-only | yes |
| Tab Panel | General general |

Table 3-2461 Number Of MEPs (continued)

| Name | Value |
|------|-------|
| Type | INT |

Service ID**Table 3-2462 Service ID**

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Description | Service Id of MEG site. |
| Displayed name | Service ID |
| OSS name | serviceId |
| Read-only | yes |
| Tab Panel | General general |
| Type | LONG |

Site**Table 3-2463 Site**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | The network element representing this local MEG. |
| Displayed name | Site |
| Mandatory on creation | yes |
| OSS name | node |
| Read-only | no |
| Tab Panel | General general |
| Type | POINTER |

Test Suite Count**Table 3-2464 Test Suite Count**

| Name | Value |
|----------------|------------------|
| Default | yes:0 |
| Displayed name | Test Suite Count |

Table 3-2464 Test Suite Count (continued)

| Name | Value |
|-------------|-------------------|
| Minimum | 0 |
| OSS name | sasTestSuiteCount |
| Read-only | yes |
| Tab Panel | General general |
| Type | INT |

Unicast Hub MEP**Table 3-2465 Unicast Hub MEP**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Description | Specifies a Hub MEP pointer. |
| Displayed name | Unicast Hub MEP |
| OSS name | hubMepPointer |
| Read-only | no |
| Tab Panel | General general |
| Type | POINTER |

VLAN ID**Table 3-2466 VLAN ID**

| Name | Value |
|-----------------------|-------------------------------------|
| Default | yes:1 |
| Description | VLAN ID of the VLAN Element object. |
| Displayed name | VLAN ID |
| Mandatory on creation | yes |
| Maximum | 4094 |
| Minimum | 1 |
| OSS name | vlanId |
| Read-only | no |
| Tab Panel | General general |
| Type | INT |

NE Schedulable Test parameters

Accounting Policy ID

Table 3-2467 Accounting Policy ID

| Name | Value |
|----------------|-------------------------------|
| Default | yes: |
| Displayed name | Accounting Policy ID |
| OSS name | accountingPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Accounting Accounting Policy |
| Type | POINTER |

Administrative State

Table 3-2468 Administrative State

| Name | Value |
|----------------|---|
| Default | yes:enabled |
| Description | The administrative state of the NE schedulable test. The associated ping/trace tests cannot be executed if this administrative state is disabled. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | sas.TestAdminState |

Card TCA Profile

Table 3-2469 Card TCA Profile

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Card TCA Profile |
| OSS name | cardStatsTCAProfilePointer |
| Read-only | no |
| Tab Panel | Accounting Accounting Policy |
| Type | POINTER |

Deployed Test

Table 3-2470 Deployed Test

| Name | Value |
|----------------|--|
| Description | Points to the {{sas.DeployedTest}} which is schedulable on the node. |
| Displayed name | Deployed Test |
| OSS name | deployedTest |
| Read-only | yes |
| Tab Panel | General General |
| Type | POINTER |

Description

Table 3-2471 Description

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The description of the NE schedulable test. Not interpreted by SAM. |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Failures

Table 3-2472 Failures

| Name | Value |
|----------------|---|
| Description | Indicates the number of times the NE schedulable test has failed. |
| Displayed name | Failures |
| OSS name | failures |
| Read-only | no |
| Tab Panel | Execution Summary General |
| Type | LONG |

ID

Table 3-2473 ID

| Name | Value |
|-----------------------|---|
| Default | yes:0 |
| Description | The unique identifier of the NE schedulable test. |
| Displayed name | ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Name

Table 3-2474 Name

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | The display name of the NE schedulable test. This name must be unique within the context NE agent. The displayName, along with {{sas.NeSchedulableTest.neOwner}}, forms the node identifier. |
| Displayed name | Name |
| Mandatory on creation | no |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Owned By

Table 3-2475 Owned By

| Name | Value |
|---------|---------|
| Default | yes:sam |

Table 3-2475 Owned By (continued)

| Name | Value |
|-----------------------|---|
| Description | Specifies the owner type for this test, basically whether the test was created by SAM or some other entity. |
| Displayed name | Owned By |
| Mandatory on creation | yes |
| OSS name | ownerType |
| Read-only | no |
| Tab Panel | General General |
| Type | sas.OwnerType |

Owner

Table 3-2476 Owner

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The owner of the NE schedulable test. The neOwner, along with {{sas.NeSchedulableTest.displayName}}, forms the node identifier. |
| Displayed name | Owner |
| Maximum | 32 |
| OSS name | neTestOwner |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Runs

Table 3-2477 Runs

| Name | Value |
|----------------|--|
| Description | Indicates the number of times the NE schedulable test has run. |
| Displayed name | Runs |
| OSS name | runs |
| Read-only | no |
| Tab Panel | Execution Summary General |
| Type | LONG |

Suppress Accounting

Table 3-2478 Suppress Accounting

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value of <code>tmnxOamSaaCtlSuppressAccounting</code> specifies whether or not the updating of accounting files is suppressed. The value of 'true (1)' is applicable only when an accounting policy has been specified by <code>tmnxOamSaaCtlAcctPolicyId</code> . |
| Displayed name | Suppress Accounting |
| OSS name | suppressAccounting |
| Read-only | no |
| Tab Panel | Accounting Accounting Policy |
| Type | BOOL |

Test

Table 3-2479 Test

| Name | Value |
|----------------|---|
| Description | Points to the <code>{{sas.Test}}</code> which is schedulable on the node. |
| Displayed name | Test |
| OSS name | test |
| Read-only | yes |
| Tab Panel | General General |
| Type | POINTER |

Test Mode

Table 3-2480 Test Mode

| Name | Value |
|----------------|---|
| Default | yes:notConfigured |
| Description | Indicates the type of test. A value of <code>notConfigured</code> signifies that there is no associated test. |
| Displayed name | Test Mode |
| OSS name | testMode |
| Read-only | no |
| Tab Panel | General General |
| Type | <code>sas.TestType</code> |

NE Specifics parameters

Aging Grace Period

Table 3-2481 Aging Grace Period

| Name | Value |
|----------------|--|
| Description | Password aging grace threshold in days. 0 mean no limit in grace period. |
| Displayed name | Aging Grace Period |
| Maximum | 999 |
| Minimum | 0 |
| OSS name | passwdAgingGraceInterval |
| Read-only | no |
| Tab Panel | General Password Settings |
| Type | INT |
| Units | days |

Aging Interval

Table 3-2482 Aging Interval

| Name | Value |
|----------------|---|
| Description | Minimum interval between invalid login attempts, in seconds. 0 indicates that user account is disabled. |
| Displayed name | Aging Interval |
| Maximum | 999 |
| Minimum | 0 |
| OSS name | passwdAging |
| Read-only | no |
| Tab Panel | General Password Settings |
| Type | INT |
| Units | days |

AINS Timer

Table 3-2483 AINS Timer

| Name | Value |
|-------------|---|
| Description | This attribute must be set in multiples of 60s. Current configurable range: 1m to 96h 0m. |

Table 3-2483 AINS Timer (continued)

| Name | Value |
|----------------|--------------------|
| Displayed name | AINS Timer |
| Maximum | 345600 |
| Minimum | 60 |
| OSS name | ainsTimer |
| Read-only | no |
| Step | 60 |
| Tab Panel | General NE Details |
| Type | INT |
| Units | seconds |

Allowed Logins After Password Expiration

Table 3-2484 Allowed Logins After Password Expiration

| Name | Value |
|----------------|--|
| Description | Password aging grace logins threshold in number of times allowed. 0 means no limit on the number of logins after password has expired. |
| Displayed name | Allowed Logins After Password Expiration |
| Maximum | 999 |
| Minimum | 0 |
| OSS name | passwdAgingGraceLogins |
| Read-only | no |
| Tab Panel | General Access Settings |
| Type | INT |

Altitude

Table 3-2485 Altitude

| Name | Value |
|----------------|----------|
| Displayed name | Altitude |
| Maximum | 8 |
| Minimum | 0 |
| OSS name | altitude |
| Read-only | no |

Table 3-2485 Altitude (continued)

| Name | Value |
|-------------|--------------------|
| Tab Panel | General NE Details |
| Type | INT |

Altitude**Table 3-2486 Altitude**

| Name | Value |
|----------------|----------------------------------|
| Displayed name | Altitude |
| OSS name | stdByAltitude |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | INT |

AUND Default Setting**Table 3-2487 AUND Default Setting**

| Name | Value |
|--------------------------|-------------------------------|
| Displayed name | AUND Default Setting |
| OSS name | aundDefaultAsap |
| Read-only | no |
| Tab Panel | General Default ASAP Settings |
| Type | DefaultAsapType |
| Enumerated types: | |
| ALL | |
| ASAP Default | |
| FERF AIS | |
| None | |
| Not Primary | |
| System Default | |

Compound Node Name**Table 3-2488 Compound Node Name**

| Name | Value |
|----------------|-------------------------|
| Default | yes: |
| Description | The compound node name. |
| Displayed name | Compound Node Name |
| Maximum | 25 |
| OSS name | compoundNodeName |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | STRING |

Contact**Table 3-2489 Contact**

| Name | Value |
|----------------|--------------------|
| Default | yes: |
| Description | Contact |
| Displayed name | Contact |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | contact |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | STRING |

Controller Programmed Capacity**Table 3-2490 Controller Programmed Capacity**

| Name | Value |
|-----------------------|--------------------------------|
| Description | Equipment Controller Capacity. |
| Displayed name | Controller Programmed Capacity |
| Mandatory on creation | no |
| OSS name | equipmentControllerCapacity |
| Read-only | no |

Table 3-2490 Controller Programmed Capacity (continued)

| Name | Value |
|--------------------------|--------------------|
| Tab Panel | General NE Details |
| Type | CardCapacity |
| Enumerated types: | |
| 16G | |
| 32G | |
| 4G | |
| 64G | |
| 8G | |
| unknown | |

Default AINS State**Table 3-2491 Default AINS State**

| Name | Value |
|--------------------------|--------------------|
| Displayed name | Default AINS State |
| OSS name | ainsStDflt |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | AinsMode |
| Enumerated types: | |
| AINS | |
| NOWAIT | |

Default AINS State**Table 3-2492 Default AINS State**

| Name | Value |
|--------------------------|----------------------------------|
| Displayed name | Default AINS State |
| OSS name | stdByAinsStDflt |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | AinsMode |
| Enumerated types: | |

Table 3-2492 Default AINS State (continued)

| Name | Value |
|--------|-------|
| AINS | |
| NOWAIT | |

Default AINS Threshold**Table 3-2493 Default AINS Threshold**

| Name | Value |
|----------------|------------------------|
| Displayed name | Default AINS Threshold |
| OSS name | ainsThDflt |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | STRING |
| Units | HH:MM |

Default AINS Threshold**Table 3-2494 Default AINS Threshold**

| Name | Value |
|----------------|----------------------------------|
| Displayed name | Default AINS Threshold |
| OSS name | stdByAinsThDflt |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | STRING |

Dormant Account**Table 3-2495 Dormant Account**

| Name | Value |
|----------------|---|
| Description | Maximum interval that the User is inactive, without login to the NE, before that user is disabled in days. That is, the number of days left before UID expiration. 0 indicates that the user account is disabled. |
| Displayed name | Dormant Account |
| Maximum | 999 |
| Minimum | 0 |

Table 3-2495 Dormant Account (continued)

| Name | Value |
|-------------|-------------------------|
| OSS name | loginInactivityTimeout |
| Read-only | no |
| Tab Panel | General Access Settings |
| Type | INT |
| Units | days |

Enable NA Alarms**Table 3-2496 Enable NA Alarms**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Enables or disables Not Alarmed events globally per NE. |
| Displayed name | Enable NA Alarms |
| OSS name | showNaAlarm |
| Read-only | no |
| Tab Panel | General Alarm Setting |
| Type | BOOL |

Enable PM TCA Alerts**Table 3-2497 Enable PM TCA Alerts**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Enables or disables PM TCA alerts globally per NE. |
| Displayed name | Enable PM TCA Alerts |
| OSS name | pmTcaEnabled |
| Read-only | no |
| Tab Panel | General Performance Management |
| Type | BOOL |

Environmental Conditions Restricted
Table 3-2498 Environmental Conditions Restricted

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:false |
| Displayed name | Environmental Conditions Restricted |
| OSS name | envCondRstr |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | BOOL |

Environmental Conditions Restricted**Table 3-2499 Environmental Conditions Restricted**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:false |
| Displayed name | Environmental Conditions Restricted |
| OSS name | stdByEnvCondRstr |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | BOOL |

Extended Temperature Range**Table 3-2500 Extended Temperature Range**

| Name | Value |
|----------------|---|
| Description | Extended Temperature Range for PSS-1 and PSS-4. |
| Displayed name | Extended Temperature Range |
| OSS name | extendedTempRange |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | BOOL |

Feature IP Utilities restricted
Table 3-2501 Feature IP Utilities restricted

| Name | Value |
|----------------|----------------------------------|
| Default | yes:false |
| Description | Feature IP Utilities restricted. |
| Displayed name | Feature IP Utilities restricted |
| OSS name | featureIpUtilitiesRestricted |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | BOOL |

Feature Pause Flow Control**Table 3-2502 Feature Pause Flow Control**

| Name | Value |
|--------------------------|-----------------------------|
| Default | yes:negotiated |
| Description | Feature Pause Flow Control. |
| Displayed name | Feature Pause Flow Control |
| OSS name | featurePauseFlowControl |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | FeaturePauseFlowControl |
| Enumerated types: | |
| Manual | |
| Negotiated | |

File based PM Policy**Table 3-2503 File based PM Policy**

| Name | Value |
|----------------|---|
| Description | The Performance Management Policy associated with this PSS. |
| Displayed name | File based PM Policy |
| OSS name | pmPolicyPointer |
| Read-only | no |
| Tab Panel | General Performance Management |

Table 3-2503 File based PM Policy (continued)

| Name | Value |
|------|---------|
| Type | POINTER |

FIPS Squelch Mode**Table 3-2504 FIPS Squelch Mode**

| Name | Value |
|--------------------------|----------------------------------|
| Default | yes:nonfips |
| Description | Network Element FipsSquelchMode. |
| Displayed name | FIPS Squelch Mode |
| OSS name | fipsSquelchMode |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | FipsMode |
| Enumerated types: | |
| FIPS | |
| Non-FIPS | |

HTTP Port**Table 3-2505 HTTP Port**

| Name | Value |
|----------------|---------------------|
| Description | System's http port. |
| Displayed name | HTTP Port |
| OSS name | httpPort |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | INT |

Idle User Timeout**Table 3-2506 Idle User Timeout**

| Name | Value |
|-------------|-------------------------------------|
| Description | NE user session timeout in minutes. |

Table 3-2506 Idle User Timeout (continued)

| Name | Value |
|----------------|-------------------------|
| Displayed name | Idle User Timeout |
| Maximum | 999 |
| Minimum | 0 |
| OSS name | sessionTimeout |
| Read-only | no |
| Tab Panel | General Access Settings |
| Type | INT |
| Units | minutes |

Maximum Invalid Login Attempts**Table 3-2507 Maximum Invalid Login Attempts**

| Name | Value |
|----------------|--------------------------------|
| Description | Maximum logins allowed. |
| Displayed name | Maximum Invalid Login Attempts |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | maxFailedLogins |
| Read-only | no |
| Tab Panel | General Access Settings |
| Type | INT |

Maximum Password Length**Table 3-2508 Maximum Password Length**

| Name | Value |
|----------------|--------------------------------|
| Description | Maximum Password Length on NE. |
| Displayed name | Maximum Password Length |
| OSS name | maxPasswdLth |
| Read-only | no |
| Tab Panel | General Password Settings |
| Type | INT |

Minimum Password Length
Table 3-2509 Minimum Password Length

| Name | Value |
|----------------|-------------------------------|
| Default | yes:8 |
| Description | Minimum Password Length on NE |
| Displayed name | Minimum Password Length |
| Maximum | 32 |
| Minimum | 8 |
| OSS name | minPasswdLth |
| Read-only | no |
| Tab Panel | General Password Settings |
| Type | INT |

Minimum Wait After Invalid Login**Table 3-2510 Minimum Wait After Invalid Login**

| Name | Value |
|----------------|---|
| Description | Minimum interval between invalid login attempts, in seconds. 0 indicates that user account is disabled. |
| Displayed name | Minimum Wait After Invalid Login |
| Maximum | 60 |
| Minimum | 0 |
| OSS name | minIntervalInvalidLogin |
| Read-only | no |
| Tab Panel | General Access Settings |
| Type | INT |
| Units | seconds |

MTC1T9 Programmed Capacity**Table 3-2511 MTC1T9 Programmed Capacity**

| Name | Value |
|----------------|---|
| Description | Universal Matrix First Level Controller Capacity. |
| Displayed name | MTC1T9 Programmed Capacity |
| OSS name | matrixFirstLevelControllerCapacity |

Table 3-2511 MTC1T9 Programmed Capacity (continued)

| Name | Value |
|--------------------------|--------------------|
| Read-only | no |
| Tab Panel | General NE Details |
| Type | CardCapacity |
| Enumerated types: | |
| 16G | |
| 32G | |
| 4G | |
| 64G | |
| 8G | |
| unknown | |

Network Element Description**Table 3-2512 Network Element Description**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes: |
| Description | Editable Network Element Description. |
| Displayed name | Network Element Description |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | neDescription |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | STRING |

Network Element ID**Table 3-2513 Network Element ID**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Editable Network Element Id. Not necessarily a unique value in the network. |
| Displayed name | Network Element ID |
| Maximum | 30 |

Table 3-2513 Network Element ID (continued)

| Name | Value |
|-------------|--------------------|
| Minimum | 0 |
| OSS name | opticalNeId |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | INT |

Network Element Mode**Table 3-2514 Network Element Mode**

| Name | Value |
|--------------------------|----------------------------------|
| Description | Network Element Mode[Sonet/SDH]. |
| Displayed name | Network Element Mode |
| OSS name | neMode |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | NeMode |
| Enumerated types: | |
| | SDH |
| | SONET |

Network Element Name**Table 3-2515 Network Element Name**

| Name | Value |
|----------------|----------------------|
| Description | Site id. |
| Displayed name | Network Element Name |
| OSS name | neName |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | STRING |

Obsolescence Interval
Table 3-2516 Obsolescence Interval

| Name | Value |
|----------------|---|
| Description | Minimum time interval, in days, that is required if the user wishes to use a password that was already used. 0 means this capability is disabled. |
| Displayed name | Obsolescence Interval |
| Maximum | 999 |
| Minimum | 0 |
| OSS name | passwdObsolescenceInterval |
| Read-only | no |
| Tab Panel | General Password Settings |
| Type | INT |
| Units | days |

OCS IP**Table 3-2517 OCS IP**

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | Optical Cross-connect System (OCS) IP address. |
| Displayed name | OCS IP |
| OSS name | ocsIpAddress |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | INETADDR |

ODUN Default Setting**Table 3-2518 ODUN Default Setting**

| Name | Value |
|----------------|-------------------------------|
| Displayed name | ODUN Default Setting |
| OSS name | oduNDefaultAsap |
| Read-only | no |
| Tab Panel | General Default ASAP Settings |
| Type | DefaultAsapType |

Table 3-2518 ODUN Default Setting (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| ALL | |
| ASAP Default | |
| FERF AIS | |
| None | |
| Not Primary | |
| System Default | |

ODUN Default Setting

Table 3-2519 ODUN Default Setting

| Name | Value |
|--------------------------|----------------------------------|
| Displayed name | ODUN Default Setting |
| OSS name | stdByOduNDefaultAsap |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | DefaultAsapType |
| Enumerated types: | |
| ALL | |
| ASAP Default | |
| FERF AIS | |
| None | |
| Not Primary | |
| System Default | |

ODUPTF Default Setting

Table 3-2520 ODUPTF Default Setting

| Name | Value |
|----------------|-------------------------------|
| Displayed name | ODUPTF Default Setting |
| OSS name | oduPtfDefaultAsap |
| Read-only | no |
| Tab Panel | General Default ASAP Settings |

Table 3-2520 ODUPTF Default Setting (continued)

| Name | Value |
|--------------------------|-----------------|
| Type | DefaultAsapType |
| Enumerated types: | |
| ALL | |
| ASAP Default | |
| FERF AIS | |
| None | |
| Not Primary | |
| System Default | |

ODUPTF Default Setting**Table 3-2521 ODUPTF Default Setting**

| Name | Value |
|--------------------------|----------------------------------|
| Displayed name | ODUPTF Default Setting |
| OSS name | stdByOduPtfDefaultAsap |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | DefaultAsapType |
| Enumerated types: | |
| ALL | |
| ASAP Default | |
| FERF AIS | |
| None | |
| Not Primary | |
| System Default | |

OSPF Area Id(GCC/OSC Interfaces)**Table 3-2522 OSPF Area Id(GCC/OSC Interfaces)**

| Name | Value |
|-------------|--|
| Default | yes:0 |
| Description | For all OSC/GCC interfaces, it will use the same OSPF area which can be provisioned to something other than the default 0.0.0.0. |

Table 3-2522 OSPF Area Id(GCC/OSC Interfaces) (continued)

| Name | Value |
|----------------|----------------------------------|
| Displayed name | OSPF Area Id(GCC/OSC Interfaces) |
| OSS name | ipOspfAreaNumberPPPIId |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | INETADDR |

OSPF Area Index(GCC/OSC Interfaces)**Table 3-2523 OSPF Area Index(GCC/OSC Interfaces)**

| Name | Value |
|----------------|--|
| Description | For all OSC/GCC interfaces, it will use the same OSPF area which can be provisioned to something other than the default 0.0.0.0. |
| Displayed name | OSPF Area Index(GCC/OSC Interfaces) |
| OSS name | ipOspfAreaPPPIId |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | POINTER |

OTU Default Setting**Table 3-2524 OTU Default Setting**

| Name | Value |
|--------------------------|-------------------------------|
| Displayed name | OTU Default Setting |
| OSS name | otuDefaultAsap |
| Read-only | no |
| Tab Panel | General Default ASAP Settings |
| Type | DefaultAsapType |
| Enumerated types: | |
| ALL | |
| ASAP Default | |
| FERF AIS | |
| None | |
| Not Primary | |

Table 3-2524 OTU Default Setting (continued)

| Name | Value |
|----------------|-------|
| System Default | |

OTU Default Setting

Table 3-2525 OTU Default Setting

| Name | Value |
|--------------------------|----------------------------------|
| Displayed name | OTU Default Setting |
| OSS name | stdByOtuDefaultAsap |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | DefaultAsapType |
| Enumerated types: | |
| ALL | |
| ASAP Default | |
| FERF AIS | |
| None | |
| Not Primary | |
| System Default | |

Partner NE

Table 3-2526 Partner NE

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:0.0.0.0 |
| Description | The IP address of the WDM partner NE. |
| Displayed name | Partner NE |
| OSS name | partnerNe |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | INETADDR |

Partner NE
Table 3-2527 Partner NE

| Name | Value |
|----------------|----------------------------------|
| Displayed name | Partner NE |
| Maximum | 32 |
| OSS name | stdByPartnerNe |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | STRING |

Provision Mode**Table 3-2528 Provision Mode**

| Name | Value |
|--------------------------|--------------------|
| Displayed name | Provision Mode |
| OSS name | provMode |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | ProvModeType |
| Enumerated types: | |
| AUTOEQ | |
| MANEQ | |

Provision Mode**Table 3-2529 Provision Mode**

| Name | Value |
|--------------------------|----------------------------------|
| Displayed name | Provision Mode |
| OSS name | stdByProvMode |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | ProvModeType |
| Enumerated types: | |
| AUTOEQ | |
| MANEQ | |

Region
Table 3-2530 Region

| Name | Value |
|----------------|----------------------------------|
| Displayed name | Region |
| OSS name | stdByRegion |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | netw.RegionType |

Release Date**Table 3-2531 Release Date**

| Name | Value |
|----------------|--------------------|
| Displayed name | Release Date |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | releaseDate |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | STRING |

Release Date**Table 3-2532 Release Date**

| Name | Value |
|----------------|----------------------------------|
| Displayed name | Release Date |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | stdByReleaseDate |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | STRING |

SNMP Source

Table 3-2533 SNMP Source

| Name | Value |
|--------------------------|--|
| Description | false - SNMP requests can be made using any of the NEs interface IP addresses or Loopback IP address. The source IP address in SNMP trap/reply messages shall be the interface IP address on which the packet leaves the NE. Hence it is the SNMP clients responsibility to be able to associate an NE with multiple IP addresses. true - SNMP requests can be made using ONLY the NEs Loopback IP address. The source IP address in SNMP trap/reply messages shall be fixed as the Loopback IP. Extended Temperature Range for PSS-1. |
| Displayed name | SNMP Source |
| OSS name | configuredSnmpSource |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | SnmpSource |
| Enumerated types: | |
| Any IP Interface | |
| Loopback IP Only | |

Software Release

Table 3-2534 Software Release

| Name | Value |
|----------------|----------------------------------|
| Displayed name | Software Release |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | stdBySwRelease |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | STRING |

Software Release

Table 3-2535 Software Release

| Name | Value |
|----------------|---|
| Description | Active Software Release on Network Element. |
| Displayed name | Software Release |
| Maximum | 20 |

Table 3-2535 Software Release (continued)

| Name | Value |
|-------------|--------------------|
| Minimum | 0 |
| OSS name | swActiveRelease |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | STRING |

STSN Default Setting**Table 3-2536 STSN Default Setting**

| Name | Value |
|--------------------------|-------------------------------|
| Displayed name | STSN Default Setting |
| OSS name | stsNDefaultAsap |
| Read-only | no |
| Tab Panel | General Default ASAP Settings |
| Type | DefaultAsapType |
| Enumerated types: | |
| ALL | |
| ASAP Default | |
| FERF AIS | |
| None | |
| Not Primary | |
| System Default | |

Subnet Mask**Table 3-2537 Subnet Mask**

| Name | Value |
|----------------|------------------------------|
| Description | Network Element Subnet Mask. |
| Displayed name | Subnet Mask |
| OSS name | subnetMask |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | INETADDR |

System Date Time during Last Resync

Table 3-2538 System Date Time during Last Resync

| Name | Value |
|----------------|-------------------------------------|
| Description | System Date and Time. |
| Displayed name | System Date Time during Last Resync |
| OSS name | sysDateTime |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | DATE |

System Restart Status

Table 3-2539 System Restart Status

| Name | Value |
|--------------------------|---|
| Description | The status of the system restart process. |
| Displayed name | System Restart Status |
| OSS name | restartStatus |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | SysRestartStatusType |
| Enumerated types: | |
| Complete | |
| In Progress | |

System Restart Status

Table 3-2540 System Restart Status

| Name | Value |
|--------------------------|----------------------------------|
| Displayed name | System Restart Status |
| OSS name | stdByRestartStatus |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | SysRestartStatusType |
| Enumerated types: | |
| Complete | |

Table 3-2540 System Restart Status (continued)

| Name | Value |
|-------------|-------|
| In Progress | |

Telnet Port

Table 3-2541 Telnet Port

| Name | Value |
|----------------|-----------------------|
| Description | System's telnet port. |
| Displayed name | Telnet Port |
| OSS name | telnetPort |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | INT |

Temperature Units

Table 3-2542 Temperature Units

| Name | Value |
|--------------------------|---------------------------------------|
| Description | Temperature Units on Network Element. |
| Displayed name | Temperature Units |
| OSS name | temperatureInCelsius |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | TempUnits |
| Enumerated types: | |
| Celsius | |
| Fahrenheit | |

Third Party Modules

Table 3-2543 Third Party Modules

| Name | Value |
|----------------|---------------------|
| Default | yes:false |
| Displayed name | Third Party Modules |

Table 3-2543 Third Party Modules (continued)

| Name | Value |
|-------------|----------------------------------|
| OSS name | stdByThrdPrtyAlwd |
| Read-only | no |
| Tab Panel | General Standby Generic Software |
| Type | BOOL |

Third Party Modules**Table 3-2544 Third Party Modules**

| Name | Value |
|----------------|---------------------|
| Default | yes:false |
| Displayed name | Third Party Modules |
| OSS name | thrdPrtyAlwd |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | BOOL |

TID**Table 3-2545 TID**

| Name | Value |
|----------------|--------------------|
| Displayed name | TID |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | tId |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | STRING |

TL1 Autonomous Messages Enabled**Table 3-2546 TL1 Autonomous Messages Enabled**

| Name | Value |
|---------|--------------------------|
| Default | yes:indefiniteInhibition |

Table 3-2546 TL1 Autonomous Messages Enabled (continued)

| Name | Value |
|--------------------------|---------------------------------|
| Description | Alarm Reporting Control. |
| Displayed name | TL1 Autonomous Messages Enabled |
| OSS name | alarmReportingControl |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | AlarmReportingControl |
| Enumerated types: | |
| Indefinite Inhibition | |
| Released | |

UI Mode**Table 3-2547 UI Mode**

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:normal |
| Description | Network Element Security Mode. |
| Displayed name | UI Mode |
| OSS name | secureMode |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | SecurityMode |
| Enumerated types: | |
| Encrypted | |
| Fips | |
| Normal | |

Wave Key Space**Table 3-2548 Wave Key Space**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Description | Wave Key Space. |
| Displayed name | Wave Key Space |

Table 3-2548 Wave Key Space (continued)

| Name | Value |
|-------------|--------------------|
| Maximum | 255 |
| Minimum | 0 |
| OSS name | wavekeySpace |
| Read-only | no |
| Tab Panel | General NE Details |
| Type | INT |

NE TCA Profiles parameters

Configuration Mode

Table 3-2549 Configuration Mode

| Name | Value |
|----------------|------------------------------|
| Default | yes:draft |
| Displayed name | Configuration Mode |
| OSS name | configurationMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | ConfigurationMode |

Description

Table 3-2550 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Discovery State
Table 3-2551 Discovery State

| Name | Value |
|----------------|--|
| Default | yes:notApplicable |
| Description | Only applicable to the global policy. Set to "inProgress" if the global policy is created as part of the specific NE resync during the full node resync or node discovery. At the end of full node resync, if the resync is successful, the global policy is completely updated from first discovered local policy and its discoveryState is set to "completed". Otherwise, the global policy is not updated and its discoveryState is set to "failed". For "failed" global policy, it will be updated by next successful full node resync or synchronized from the specific local policy. Set to "initialized" if the global policy is created by SNMP trap notification. User may need to synchronize the global policy manually with the specific local policy. Set to "N/A" if the global policy is created or modified by a SAM user. |
| Displayed name | Discovery State |
| OSS name | discoveryState |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DiscoveryState |

Distribution Mode**Table 3-2552 Distribution Mode**

| Name | Value |
|----------------|------------------------------|
| Default | yes:syncWithGlobal |
| Displayed name | Distribution Mode |
| OSS name | distributionMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DistributionMode |

Last Sync From**Table 3-2553 Last Sync From**

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | Only applicable to the global policy. Set to the siteId if the policy is created as the part of the specific NE resync or by SNMP notification. Set to user name if the policy is created by a SAM user. |
| Displayed name | Last Sync From |

Table 3-2553 Last Sync From (continued)

| Name | Value |
|-------------|------------------------------|
| Maximum | 50 |
| OSS name | origin |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | STRING |

Last Sync Time**Table 3-2554 Last Sync Time**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Only applicable to the global policy. Specifies the time at which latest sync occurred. |
| Displayed name | Last Sync Time |
| OSS name | lastSyncTime |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DATE |

Origin Site Name**Table 3-2555 Origin Site Name**

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Origin Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Policy Scope
Table 3-2556 Policy Scope

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Displayed name | Policy Scope |
| OSS name | isLocal |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | BOOL |

Site ID**Table 3-2557 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-2558 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

TCA Profile ID
Table 3-2559 TCA Profile ID

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | TCA Profile ID |
| Mandatory on creation | yes |
| Maximum | 8 |
| Minimum | 0 |
| OSS name | tcaProfileId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

TCA Profile Type**Table 3-2560 TCA Profile Type**

| Name | Value |
|--------------------------|------------------|
| Default | yes:0 |
| Displayed name | TCA Profile Type |
| Mandatory on creation | yes |
| OSS name | groupId |
| Read-only | no |
| Tab Panel | General General |
| Type | TCAProfileType |
| Enumerated types: | |
| Card | |
| CD | |
| DGD | |
| Digital Wrapper | |
| E1 | |
| ENCRYPTION | |
| Ethernet | |
| FOFF | |
| Interface | |
| Lane Powers | |

Table 3-2560 TCA Profile Type (continued)

| Name | Value |
|-----------|-------|
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU0TCM | |
| ODU1 | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2ETCM | |
| ODU2TCM | |
| ODU3 | |
| ODU3E2 | |
| ODU3E2TCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4TCM | |
| ODURX | |
| ODUTX | |
| OPIN | |
| OPOCHIN | |
| OPOCHOUT | |
| OPOUT | |
| OPR | |
| OPT | |
| OSNR | |
| OTU | |
| OTU2 | |
| OTU2E | |
| OTU3 | |

Table 3-2560 TCA Profile Type (continued)

| Name | Value |
|------------------------|-------|
| OTU3E2 | |
| OTU4 | |
| Physical Code Sublayer | |
| Port | |
| PreFEC Bits | |
| SAP | |
| SDH | |
| SONET | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| Two Way DM | |
| Two Way LM | |
| Two Way SLM | |

NE TCA Thresholds parameters

TCA Profile ID

Table 3-2561 TCA Profile ID

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | TCA Profile ID |
| Mandatory on creation | yes |
| Maximum | 8 |
| Minimum | 0 |
| OSS name | tcaProfileId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

TCA Profile Type
Table 3-2562 TCA Profile Type

| Name | Value |
|--------------------------|------------------|
| Default | yes:0 |
| Displayed name | TCA Profile Type |
| Mandatory on creation | yes |
| OSS name | groupId |
| Read-only | no |
| Tab Panel | General General |
| Type | TCAProfileType |
| Enumerated types: | |
| Card | |
| CD | |
| DGD | |
| Digital Wrapper | |
| E1 | |
| ENCRYPTION | |
| Ethernet | |
| FOFF | |
| Interface | |
| Lane Powers | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU0TCM | |
| ODU1 | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2ETCM | |
| ODU2TCM | |

Table 3-2562 TCA Profile Type (continued)

| Name | Value |
|------------------------|-------|
| ODU3 | |
| ODU3E2 | |
| ODU3E2TCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4TCM | |
| ODURX | |
| ODUTX | |
| OPIN | |
| OPOCHIN | |
| OPOCHOUT | |
| OPOUT | |
| OPR | |
| OPT | |
| OSNR | |
| OTU | |
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E2 | |
| OTU4 | |
| Physical Code Sublayer | |
| Port | |
| PreFEC Bits | |
| SAP | |
| SDH | |
| SONET | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| Two Way DM | |

Table 3-2562 TCA Profile Type (continued)

| Name | Value |
|-------------|-------|
| Two Way LM | |
| Two Way SLM | |

TCA Variable Name

Table 3-2563 TCA Variable Name

| Name | Value |
|--------------------------|-------------------|
| Displayed name | TCA Variable Name |
| OSS name | tcaVariableName |
| Read-only | no |
| Tab Panel | General General |
| Type | StatsVariableName |
| Enumerated types: | |
| Average Power | |
| BBE-ODU | |
| BBE-OTU | |
| BBE-RS | |
| BBE-TCM | |
| Cpu Average Utilization | |
| CV 15 Min Rtr | |
| CV-S | |
| ES-ODU | |
| ES-OTU | |
| ES-RS | |
| ES-S | |
| ES-TCM | |
| FECC | |
| Heap Usage | |
| In Broadcast Packets | |
| In Discards | |
| In Errors | |
| In Multicast Packets | |
| In Octets | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|---------------------------|-------|
| In Packets Not Classified | |
| In Unicast Packets | |
| In Unknown Protocols | |
| Max Power | |
| Max Power Rtr | |
| Max Power Tr | |
| Min Power | |
| Min Power Rtr | |
| Min Power Tr | |
| OFS-RS | |
| Opr Lane Stat Max Power | |
| Opr Lane Stat Min Power | |
| OPR-H | |
| OPR-L | |
| Opt Lane Stat Max Power | |
| Opt Lane Stat Min Power | |
| OPT-H | |
| OPT-L | |
| Out Broadcast Packets | |
| Out Discards | |
| Out Errors | |
| Out Multicast Packets | |
| Out Octets | |
| Out Unicast Packets | |
| Pool Usage | |
| Rx BBEP 1 Day Tr | |
| Rx BBEP 15 Min Rtr | |
| Rx BBEP 15 Min Tr | |
| Rx BER PostFEC | |
| Rx BER PostFEC 1 Day Tr | |
| Rx BER PostFEC 15 Min Rtr | |
| Rx BER PostFEC 15 Min Tr | |
| Rx BER PreFEC | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|--------------------------|-------|
| Rx BER PreFEC 1 Day Tr | |
| Rx BER PreFEC 15 Min Rtr | |
| Rx BER PreFEC 15 Min Tr | |
| Rx Broadcast Packets | |
| Rx Collisions | |
| Rx CRC Alignment Errors | |
| Rx CV | |
| Rx CV 1 Day Tr | |
| Rx CV 15 Min Tr | |
| Rx CVL | |
| Rx CVL 1 Day Tr | |
| Rx CVL 15 Min Rtr | |
| Rx CVL 15 Min Tr | |
| Rx CVS | |
| Rx CVS 1 Day Tr | |
| Rx CVS 15 Min Rtr | |
| Rx CVS 15 Min Tr | |
| Rx Drop Events | |
| Rx ES | |
| Rx ES 1 Day Tr | |
| Rx ES 15 Min Rtr | |
| Rx ES 15 Min Tr | |
| Rx ESL | |
| Rx ESL 1 Day Tr | |
| Rx ESL 15 Min Rtr | |
| Rx ESL 15 Min Tr | |
| Rx ESP 1 Day Tr | |
| Rx ESP 15 Min Rtr | |
| Rx ESP 15 Min Tr | |
| Rx ESS | |
| Rx ESS 1 Day Tr | |
| Rx ESS 15 Min Rtr | |
| Rx ESS 15 Min Tr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|----------------------|-------|
| Rx FCL | |
| Rx FCL 1 Day Tr | |
| Rx FCL 15 Min Rtr | |
| Rx FCL 15 Min Tr | |
| Rx FECVL | |
| Rx FECVL 1 Day Tr | |
| Rx FECVL 15 Min Rtr | |
| Rx FECVL 15 Min Tr | |
| Rx FEESL | |
| Rx FEESL 1 Day Tr | |
| Rx FEESL 15 Min Rtr | |
| Rx FEESL 15 Min Tr | |
| Rx FESESL | |
| Rx FESESL 1 Day Tr | |
| Rx FESESL 15 Min Rtr | |
| Rx FESESL 15 Min Tr | |
| Rx FEUASL | |
| Rx FEUASL 1 Day Tr | |
| Rx FEUASL 15 Min Rtr | |
| Rx FEUASL 15 Min Tr | |
| Rx Fragments | |
| Rx Jabbers | |
| Rx Jumbo Packets | |
| Rx MS FE EB | |
| Rx MS FE ES | |
| Rx MS FES ES | |
| Rx MS FEU AS | |
| Rx MSEB | |
| Rx MSEB 1 Day Tr | |
| Rx MSEB 15 Min Rtr | |
| Rx MSEB 15 Min Tr | |
| Rx MSES | |
| Rx MSES 1 Day Tr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|-------------------------------------|-------|
| Rx MSES 15 Min Rtr | |
| Rx MSES 15 Min Tr | |
| Rx MSFEEB 1 Day Tr | |
| Rx MSFEEB 15 Min Rtr | |
| Rx MSFEEB 15 Min Tr | |
| Rx MSFEES 1 Day Tr | |
| Rx MSFEES 15 Min Rtr | |
| Rx MSFEES 15 Min Tr | |
| Rx MSFESES 1 Day Tr | |
| Rx MSFESES 15 Min Rtr | |
| Rx MSFESES 15 Min Tr | |
| Rx MSFEUAS 1 Day Tr | |
| Rx MSFEUAS 15 Min Rtr | |
| Rx MSFEUAS 15 Min Tr | |
| Rx MSSES | |
| Rx MSSES 1 Day Tr | |
| Rx MSSES 15 Min Rtr | |
| Rx MSSES 15 Min Tr | |
| Rx MSUAS | |
| Rx MSUAS 1 Day Tr | |
| Rx MSUAS 15 Min Rtr | |
| Rx MSUAS 15 Min Tr | |
| Rx Multicast Packets | |
| Rx Octets | |
| Rx Oversized Packets | |
| Rx Packet Error Ratio | |
| Rx Packet Error Ratio 1 Day Tr | |
| Rx Packet Error Ratio 15 Min Rtr | |
| Rx Packet Error Ratio 15 Min Tr | |
| Rx Packets | |
| Rx Packets Sized 1024 To 1518 Bytes | |
| Rx Packets Sized 128 To 255 Bytes | |
| Rx Packets Sized 256 To 511 Bytes | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|------------------------------------|-------|
| Rx Packets Sized 512 To 1023 Bytes | |
| Rx Packets Sized 64 Bytes | |
| Rx Packets Sized 65 To 127 Bytes | |
| Rx PM BIP8 Error 1 Day Tr | |
| Rx PM BIP8 Error 15 Min Rtr | |
| Rx PM BIP8 Error 15 Min Tr | |
| Rx PM BIP8 Error Count | |
| Rx PM ES | |
| Rx PM ES 1 Day Tr | |
| Rx PM ES 15 Min Rtr | |
| Rx PM ES 15 Min Tr | |
| Rx PM FE BIP8 Error 1 Day Tr | |
| Rx PM FE BIP8 Error 15 Min Rtr | |
| Rx PM FE BIP8 Error 15 Min Tr | |
| Rx PM FE BIP8 Error Count | |
| Rx PM FE ES 1 Day Tr | |
| Rx PM FE ES 15 Min Rtr | |
| Rx PM FE ES 15 Min Tr | |
| Rx PM FE SES 1 Day Tr | |
| Rx PM FE SES 15 Min Rtr | |
| Rx PM FE SES 15 Min Tr | |
| Rx PM FE UAS | |
| Rx PM FE UAS 1 Day Tr | |
| Rx PM FE UAS 15 Min Rtr | |
| Rx PM FE UAS 15 Min Tr | |
| Rx PM FEES | |
| Rx PM FES ES | |
| Rx PM SES | |
| Rx PM SES 1 Day Tr | |
| Rx PM SES 15 Min Tr | |
| Rx PM UAS | |
| Rx PM UAS 1 Day Tr | |
| Rx PM UAS 15 Min Rtr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|------------------------------|-------|
| Rx PM UAS 15 Min Tr | |
| Rx PMS ES 15 Min Rtr | |
| Rx RS Corrected 1 Day Tr | |
| Rx RS Corrected 15 Min Rtr | |
| Rx RS Corrected 15 Min Tr | |
| Rx RS Corrected Count | |
| Rx RS Uncorrected 1 Day Tr | |
| Rx RS UnCorrected 15 Min Rtr | |
| Rx RS Uncorrected 15 Min Tr | |
| Rx RS Uncorrected Count | |
| Rx RSEB | |
| Rx RSEB 1 Day Tr | |
| Rx RSEB 15 Min Rtr | |
| Rx RSEB 15 Min Tr | |
| Rx RSES | |
| Rx RSES 1 Day Tr | |
| Rx RSES 15 Min Rtr | |
| Rx RSES 15 Min Tr | |
| Rx RSESES | |
| Rx RSESES 1 Day Tr | |
| Rx RSESES 15 Min Rtr | |
| Rx RSESES 15 Min Tr | |
| Rx RSUAS | |
| Rx RSUAS 1 Day Tr | |
| Rx RSUAS 15 Min Rtr | |
| Rx RSUAS 15 Min Tr | |
| Rx SEFS | |
| Rx SEFS 1 Day Tr | |
| Rx SEFS 15 Min Rtr | |
| Rx SEFS 15 Min Tr | |
| Rx SEFSS | |
| Rx SEFSS 1 Day Tr | |
| Rx SEFSS 15 Min Rtr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|--------------------------------|-------|
| Rx SEFSS 15 Min Tr | |
| Rx SES | |
| Rx SES 1 Day Tr | |
| Rx SES 15 Min Rtr | |
| Rx SES 15 Min Tr | |
| Rx SESL | |
| Rx SESL 1 Day Tr | |
| Rx SESL 15 Min Rtr | |
| Rx SESL 15 Min Tr | |
| Rx SESP 1 Day Tr | |
| Rx SESP 15 Min Rtr | |
| Rx SESP 15 Min Tr | |
| Rx SESS | |
| Rx SESS 1 Day Tr | |
| Rx SESS 15 Min Rtr | |
| Rx SESS 15 Min Tr | |
| Rx SM BIA ES Error Count | |
| Rx SM BIAES 1 Day Tr | |
| Rx SM BIAES 15 Min Rtr | |
| Rx SM BIAES 15 Min Tr | |
| Rx SM BIP8 Error 1 Day Tr | |
| Rx SM BIP8 Error 15 Min Rtr | |
| Rx SM BIP8 Error 15 Min Tr | |
| Rx SM BIP8 Error Count | |
| Rx SM ES | |
| Rx SM ES 1 Day Tr | |
| Rx SM ES 15 Min Rtr | |
| Rx SM ES 15 Min Tr | |
| Rx SM FE BIP8 Error 1 Day Tr | |
| Rx SM FE BIP8 Error 15 Min Rtr | |
| Rx SM FE BIP8 Error 15 Min Tr | |
| Rx SM FE BIP8 Error Count | |
| Rx SM FE ES 1 Day Tr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|-------------------------|-------|
| Rx SM FE ES 15 Min Rtr | |
| Rx SM FE ES 15 Min Tr | |
| Rx SM FE SES 1 Day Tr | |
| Rx SM FE SES 15 Min Rtr | |
| Rx SM FE SES 15 Min Tr | |
| Rx SM FE UAS | |
| Rx SM FE UAS 1 Day Tr | |
| Rx SM FE UAS 15 Min Rtr | |
| Rx SM FE UAS 15 Min Tr | |
| Rx SM FEES | |
| Rx SM FES ES | |
| Rx SM IAES 1 Day Tr | |
| Rx SM IAES 15 Min Rtr | |
| Rx SM IAES 15 Min Tr | |
| Rx SM IAES Error Count | |
| Rx SM SES | |
| Rx SM SES 1 Day Tr | |
| Rx SM SES 15 Min Tr | |
| Rx SM UAS | |
| Rx SM UAS 1 Day Tr | |
| Rx SM UAS 15 Min Rtr | |
| Rx SM UAS 15 Min Tr | |
| Rx SMS ES 15 Min Rtr | |
| Rx UASL | |
| Rx UASL 1 Day Tr | |
| Rx UASL 15 Min Rtr | |
| Rx UASL 15 Min Tr | |
| Rx UASP 1 Day Tr | |
| Rx UASP 15 Min Rtr | |
| Rx UASP 15 Min Tr | |
| Rx UASS | |
| Rx UASS 1 Day Tr | |
| Rx UASS 15 Min Rtr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|--|-------|
| Rx UASS 15 Min Tr | |
| Rx Undersized Packets | |
| SEF-S | |
| SEFS-S | |
| SES-ODU | |
| SES-OTU | |
| SES-RS | |
| SES-S | |
| SES-TCM | |
| tnDw64BitStatsOdu1RxPMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOdu1RxPMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOdu1RxPMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOdu2RxPMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOdu2RxPMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOdu2RxPMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOdu3RxPMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOdu3RxPMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOdu3RxPMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOdu4RxPMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOdu4RxPMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOdu4RxPMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOtu1RxRSCorrCnt15MinRtr | |
| tnDw64BitStatsOtu1RxRSCorrCnt15MinTr | |
| tnDw64BitStatsOtu1RxRSCorrCnt1DayTr | |
| tnDw64BitStatsOtu1RxRSUncorrCnt15MinRtr | |
| tnDw64BitStatsOtu1RxRSUncorrCnt15MinTr | |
| tnDw64BitStatsOtu1RxRSUncorrCnt1DayTr | |
| tnDw64BitStatsOtu1RxSMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOtu1RxSMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOtu1RxSMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOtu2RxRSCorrCnt15MinRtr | |
| tnDw64BitStatsOtu2RxRSCorrCnt15MinTr | |
| tnDw64BitStatsOtu2RxRSCorrCnt1DayTr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|--|-------|
| tnDw64BitStatsOtu2RxRSUncorrCnt15MinRtr | |
| tnDw64BitStatsOtu2RxRSUncorrCnt15MinTr | |
| tnDw64BitStatsOtu2RxRSUncorrCnt1DayTr | |
| tnDw64BitStatsOtu2RxSMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOtu2RxSMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOtu2RxSMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOtu3RxRSCorrCnt15MinRtr | |
| tnDw64BitStatsOtu3RxRSCorrCnt15MinTr | |
| tnDw64BitStatsOtu3RxRSCorrCnt1DayTr | |
| tnDw64BitStatsOtu3RxRSUncorrCnt15MinRtr | |
| tnDw64BitStatsOtu3RxRSUncorrCnt15MinTr | |
| tnDw64BitStatsOtu3RxRSUncorrCnt1DayTr | |
| tnDw64BitStatsOtu3RxSMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOtu3RxSMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOtu3RxSMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsOtu4RxRSCorrCnt15MinRtr | |
| tnDw64BitStatsOtu4RxRSCorrCnt15MinTr | |
| tnDw64BitStatsOtu4RxRSCorrCnt1DayTr | |
| tnDw64BitStatsOtu4RxRSUncorrCnt15MinRtr | |
| tnDw64BitStatsOtu4RxRSUncorrCnt15MinTr | |
| tnDw64BitStatsOtu4RxRSUncorrCnt1DayTr | |
| tnDw64BitStatsOtu4RxSMBIP8ErrCnt15MinRtr | |
| tnDw64BitStatsOtu4RxSMBIP8ErrCnt15MinTr | |
| tnDw64BitStatsOtu4RxSMBIP8ErrCnt1DayTr | |
| tnDw64BitStatsRxPMES15MinRtr | |
| tnDw64BitStatsRxPMES15MinTr | |
| tnDw64BitStatsRxPMES1DayTr | |
| tnDw64BitStatsRxPMSES15MinRtr | |
| tnDw64BitStatsRxPMSES15MinTr | |
| tnDw64BitStatsRxPMSES1DayTr | |
| tnDw64BitStatsRxPMUAS15MinRtr | |
| tnDw64BitStatsRxPMUAS15MinTr | |
| tnDw64BitStatsRxPMUAS1DayTr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|---------------------------------------|-------|
| tnDw64BitStatsRxSMES15MinRtr | |
| tnDw64BitStatsRxSMES15MinTr | |
| tnDw64BitStatsRxSMES1DayTr | |
| tnDw64BitStatsRxSMSES15MinRtr | |
| tnDw64BitStatsRxSMSES15MinTr | |
| tnDw64BitStatsRxSMSES1DayTr | |
| tnDw64BitStatsRxSMUAS15MinRtr | |
| tnDw64BitStatsRxSMUAS15MinTr | |
| tnDw64BitStatsRxSMUAS1DayTr | |
| tnDwStatsOdu1RxPMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOdu1RxPMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOdu1RxPMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOdu2RxPMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOdu2RxPMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOdu2RxPMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOdu3RxPMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOdu3RxPMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOdu3RxPMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOdu4RxPMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOdu4RxPMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOdu4RxPMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOtu1RxSMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOtu1RxSMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOtu1RxSMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOtu2RxSMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOtu2RxSMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOtu2RxSMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOtu3RxSMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOtu3RxSMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOtu3RxSMFEBIP8ErrCnt1DayTr | |
| tnDwStatsOtu4RxSMFEBIP8ErrCnt15MinRtr | |
| tnDwStatsOtu4RxSMFEBIP8ErrCnt15MinTr | |
| tnDwStatsOtu4RxSMFEBIP8ErrCnt1DayTr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|-------------------------------------|-------|
| tnDwStatsRxBERPostFEC15MinRtr | |
| tnDwStatsRxBERPostFEC15MinTr | |
| tnDwStatsRxBERPostFEC1DayTr | |
| tnDwStatsRxBERPreFEC15MinRtr | |
| tnDwStatsRxBERPreFEC15MinTr | |
| tnDwStatsRxBERPreFEC1DayTr | |
| tnDwStatsRxPMFEES15MinRtr | |
| tnDwStatsRxPMFEES15MinTr | |
| tnDwStatsRxPMFEES1DayTr | |
| tnDwStatsRxPMFESES15MinRtr | |
| tnDwStatsRxPMFESES15MinTr | |
| tnDwStatsRxPMFESES1DayTr | |
| tnDwStatsRxPMFEUAS15MinRtr | |
| tnDwStatsRxPMFEUAS15MinTr | |
| tnDwStatsRxPMFEUAS1DayTr | |
| tnDwStatsRxSMBIAES15MinRtr | |
| tnDwStatsRxSMBIAES15MinTr | |
| tnDwStatsRxSMBIAES1DayTr | |
| tnDwStatsRxSMFEES15MinRtr | |
| tnDwStatsRxSMFEES15MinTr | |
| tnDwStatsRxSMFEES1DayTr | |
| tnDwStatsRxSMFESES15MinRt | |
| tnDwStatsRxSMFESES15MinTr | |
| tnDwStatsRxSMFESES1DayTr | |
| tnDwStatsRxSMFEUAS15MinRtr | |
| tnDwStatsRxSMFEUAS15MinTr | |
| tnDwStatsRxSMFEUAS1DayTr | |
| tnDwStatsRxSMIAES15MinRtr | |
| tnDwStatsRxSMIAES15MinTr | |
| tnDwStatsRxSMIAES1DayTr | |
| tnEncryptRxFailToDecryptCnt15MinRtr | |
| tnEncryptRxFailToDecryptCnt15MinTr | |
| tnEncryptRxFailToDecryptCnt1DayRtr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|--|-------|
| tnEncryptRxFailToDecryptCnt1DayTr | |
| tnEthCfmTWDmStatsFarEndFrameDelayAverage | |
| tnEthCfmTWDmStatsFarEndFrameDelayMax | |
| tnEthCfmTWDmStatsFarEndFrameDelayVariationAverage | |
| tnEthCfmTWDmStatsFarEndFrameDelayVariationMax | |
| tnEthCfmTWDmStatsNearEndFrameDelayAverage | |
| tnEthCfmTWDmStatsNearEndFrameDelayMax | |
| tnEthCfmTWDmStatsNearEndFrameDelayVariationAverage | |
| tnEthCfmTWDmStatsNearEndFrameDelayVariationMax | |
| tnEthCfmTWDmStatsRoundTripFrameDelayAverage | |
| tnEthCfmTWDmStatsRoundTripFrameDelayMax | |
| tnEthCfmTWLmStatsFarEndFrameLossRatioAverage | |
| tnEthCfmTWLmStatsFarEndHighLoss | |
| tnEthCfmTWLmStatsNearEndFrameLossRatioAverage | |
| tnEthCfmTWLmStatsNearEndHighLoss | |
| tnEthCfmTWSlmStatsFarEndFrameLossRatioAverage | |
| tnEthCfmTWSlmStatsFarEndFrameLossRatioMax | |
| tnEthCfmTWSlmStatsFarEndHighLoss | |
| tnEthCfmTWSlmStatsNearEndFrameLossRatioAverage | |
| tnEthCfmTWSlmStatsNearEndFrameLossRatioMax | |
| tnEthCfmTWSlmStatsNearEndHighLoss | |
| tnEthPortEgrQueueStatsInProfileOctetsDropped | |
| tnEthPortEgrQueueStatsInProfilePktsDropped | |
| tnEthPortEtherStatsHighCapacityOctets | |
| tnEthPortEtherStatsHighCapacityPkts | |
| tnEthPortStatsIfInDiscards | |
| tnEthPortStatsIfInErrors | |
| tnEthPortStatsIfInOctets | |
| tnEthPortStatsIfInPkts | |
| tnEthPortStatsIfOutDiscards | |
| tnEthPortStatsIfOutErrors | |
| tnEthPortStatsIfOutOctets | |
| tnEthPortStatsIfOutPkts | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|-------------------------------------|-------|
| tnOthOdu0StatRxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu0StatRxFeBIP8ErrCnt15MinTr | |
| tnOthOdu0StatRxFeBIP8ErrCnt1DayTr | |
| tnOthOdu0StatRxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu0StatRxNeBIP8ErrCnt15MinTr | |
| tnOthOdu0StatRxNeBIP8ErrCnt1DayTr | |
| tnOthOdu0StatTxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu0StatTxFeBIP8ErrCnt15MinTr | |
| tnOthOdu0StatTxFeBIP8ErrCnt1DayTr | |
| tnOthOdu0StatTxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu0StatTxNeBIP8ErrCnt15MinTr | |
| tnOthOdu0StatTxNeBIP8ErrCnt1DayTr | |
| tnOthOdu1StatRxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu1StatRxFeBIP8ErrCnt15MinTr | |
| tnOthOdu1StatRxFeBIP8ErrCnt1DayTr | |
| tnOthOdu1StatRxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu1StatRxNeBIP8ErrCnt15MinTr | |
| tnOthOdu1StatRxNeBIP8ErrCnt1DayTr | |
| tnOthOdu1StatTxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu1StatTxFeBIP8ErrCnt15MinTr | |
| tnOthOdu1StatTxFeBIP8ErrCnt1DayTr | |
| tnOthOdu1StatTxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu1StatTxNeBIP8ErrCnt15MinTr | |
| tnOthOdu1StatTxNeBIP8ErrCnt1DayTr | |
| tnOthOdu2StatRxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu2StatRxFeBIP8ErrCnt15MinTr | |
| tnOthOdu2StatRxFeBIP8ErrCnt1DayTr | |
| tnOthOdu2StatRxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu2StatRxNeBIP8ErrCnt15MinTr | |
| tnOthOdu2StatRxNeBIP8ErrCnt1DayTr | |
| tnOthOdu2StatTxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu2StatTxFeBIP8ErrCnt15MinTr | |
| tnOthOdu2StatTxFeBIP8ErrCnt1DayTr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|-------------------------------------|-------|
| tnOthOdu2StatTxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu2StatTxNeBIP8ErrCnt15MinTr | |
| tnOthOdu2StatTxNeBIP8ErrCnt1DayTr | |
| tnOthOdu3StatRxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu3StatRxFeBIP8ErrCnt15MinTr | |
| tnOthOdu3StatRxFeBIP8ErrCnt1DayTr | |
| tnOthOdu3StatRxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu3StatRxNeBIP8ErrCnt15MinTr | |
| tnOthOdu3StatRxNeBIP8ErrCnt1DayTr | |
| tnOthOdu3StatTxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu3StatTxFeBIP8ErrCnt15MinTr | |
| tnOthOdu3StatTxFeBIP8ErrCnt1DayTr | |
| tnOthOdu3StatTxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu3StatTxNeBIP8ErrCnt15MinTr | |
| tnOthOdu3StatTxNeBIP8ErrCnt1DayTr | |
| tnOthOdu4StatRxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu4StatRxFeBIP8ErrCnt15MinTr | |
| tnOthOdu4StatRxFeBIP8ErrCnt1DayTr | |
| tnOthOdu4StatRxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu4StatRxNeBIP8ErrCnt15MinTr | |
| tnOthOdu4StatRxNeBIP8ErrCnt1DayTr | |
| tnOthOdu4StatTxFeBIP8ErrCnt15MinRtr | |
| tnOthOdu4StatTxFeBIP8ErrCnt15MinTr | |
| tnOthOdu4StatTxFeBIP8ErrCnt1DayTr | |
| tnOthOdu4StatTxNeBIP8ErrCnt15MinRtr | |
| tnOthOdu4StatTxNeBIP8ErrCnt15MinTr | |
| tnOthOdu4StatTxNeBIP8ErrCnt1DayTr | |
| tnOthOdukStatRxFeES15MinRtr | |
| tnOthOdukStatRxFeES15MinTr | |
| tnOthOdukStatRxFeES1DayTr | |
| tnOthOdukStatRxFeSES15MinRtr | |
| tnOthOdukStatRxFeSES15MinTr | |
| tnOthOdukStatRxFeSES1DayTr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|---------------------------------------|-------|
| tnOthOdukStatRxFeUAS15MinRtr | |
| tnOthOdukStatRxFeUAS15MinTr | |
| tnOthOdukStatRxFeUAS1DayTr | |
| tnOthOdukStatRxNeES15MinRtr | |
| tnOthOdukStatRxNeES15MinTr | |
| tnOthOdukStatRxNeES1DayTr | |
| tnOthOdukStatRxNeSES15MinRtr | |
| tnOthOdukStatRxNeSES15MinTr | |
| tnOthOdukStatRxNeSES1DayTr | |
| tnOthOdukStatRxNeUAS15MinRtr | |
| tnOthOdukStatRxNeUAS15MinTr | |
| tnOthOdukStatRxNeUAS1DayTr | |
| tnOthOdukStatTxFeES15MinRtr | |
| tnOthOdukStatTxFeES15MinTr | |
| tnOthOdukStatTxFeES1DayTr | |
| tnOthOdukStatTxFeSES15MinRtr | |
| tnOthOdukStatTxFeSES15MinTr | |
| tnOthOdukStatTxFeSES1DayTr | |
| tnOthOdukStatTxFeUAS15MinRtr | |
| tnOthOdukStatTxFeUAS15MinTr | |
| tnOthOdukStatTxFeUAS1DayTr | |
| tnOthOdukStatTxNeES15MinRtr | |
| tnOthOdukStatTxNeES15MinTr | |
| tnOthOdukStatTxNeES1DayTr | |
| tnOthOdukStatTxNeSES15MinRtr | |
| tnOthOdukStatTxNeSES15MinTr | |
| tnOthOdukStatTxNeSES1DayTr | |
| tnOthOdukStatTxNeUAS15MinRtr | |
| tnOthOdukStatTxNeUAS15MinTr | |
| tnOthOdukStatTxNeUAS1DayTr | |
| tnOthOtu1StatRxFeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu1StatRxFeSMBIP8ErrCnt15MinTr | |
| tnOthOtu1StatRxFeSMBIP8ErrCnt1DayTr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|---------------------------------------|-------|
| tnOthOtu1StatRxNeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu1StatRxNeSMBIP8ErrCnt15MinTr | |
| tnOthOtu1StatRxNeSMBIP8ErrCnt1DayTr | |
| tnOthOtu1StatRxRsCorrCnt15MinRtr | |
| tnOthOtu1StatRxRsCorrCnt15MinTr | |
| tnOthOtu1StatRxRsCorrCnt1DayTr | |
| tnOthOtu1StatRxRsUncorrCnt15MinRtr | |
| tnOthOtu1StatRxRsUncorrCnt15MinTr | |
| tnOthOtu1StatRxRsUncorrCnt1DayTr | |
| tnOthOtu2StatRxFeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu2StatRxFeSMBIP8ErrCnt15MinTr | |
| tnOthOtu2StatRxFeSMBIP8ErrCnt1DayTr | |
| tnOthOtu2StatRxNeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu2StatRxNeSMBIP8ErrCnt15MinTr | |
| tnOthOtu2StatRxNeSMBIP8ErrCnt1DayTr | |
| tnOthOtu2StatRxRsCorrCnt15MinRtr | |
| tnOthOtu2StatRxRsCorrCnt15MinTr | |
| tnOthOtu2StatRxRsCorrCnt1DayTr | |
| tnOthOtu2StatRxRsUncorrCnt15MinRtr | |
| tnOthOtu2StatRxRsUncorrCnt15MinTr | |
| tnOthOtu2StatRxRsUncorrCnt1DayTr | |
| tnOthOtu3StatRxFeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu3StatRxFeSMBIP8ErrCnt15MinTr | |
| tnOthOtu3StatRxFeSMBIP8ErrCnt1DayTr | |
| tnOthOtu3StatRxNeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu3StatRxNeSMBIP8ErrCnt15MinTr | |
| tnOthOtu3StatRxNeSMBIP8ErrCnt1DayTr | |
| tnOthOtu3StatRxRsCorrCnt15MinRtr | |
| tnOthOtu3StatRxRsCorrCnt15MinTr | |
| tnOthOtu3StatRxRsCorrCnt1DayTr | |
| tnOthOtu3StatRxRsUncorrCnt15MinRtr | |
| tnOthOtu3StatRxRsUncorrCnt15MinTr | |
| tnOthOtu3StatRxRsUncorrCnt1DayTr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|---------------------------------------|-------|
| tnOthOtu4StatRxFeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu4StatRxFeSMBIP8ErrCnt15MinTr | |
| tnOthOtu4StatRxFeSMBIP8ErrCnt1DayTr | |
| tnOthOtu4StatRxNeSMBIP8ErrCnt15MinRtr | |
| tnOthOtu4StatRxNeSMBIP8ErrCnt15MinTr | |
| tnOthOtu4StatRxNeSMBIP8ErrCnt1DayTr | |
| tnOthOtu4StatRxRsCorrCnt15MinRtr | |
| tnOthOtu4StatRxRsCorrCnt15MinTr | |
| tnOthOtu4StatRxRsCorrCnt1DayTr | |
| tnOthOtu4StatRxRsUncorrCnt15MinRtr | |
| tnOthOtu4StatRxRsUncorrCnt15MinTr | |
| tnOthOtu4StatRxRsUncorrCnt1DayTr | |
| tnOthOtukStatRxBERPostFEC15MinRtr | |
| tnOthOtukStatRxBERPostFEC15MinTr | |
| tnOthOtukStatRxBERPostFEC1DayTr | |
| tnOthOtukStatRxBERPreFEC15MinRtr | |
| tnOthOtukStatRxBERPreFEC15MinTr | |
| tnOthOtukStatRxBERPreFEC1DayTr | |
| tnOthOtukStatRxFeIAES15MinRtr | |
| tnOthOtukStatRxFeIAES15MinTr | |
| tnOthOtukStatRxFeIAES1DayTr | |
| tnOthOtukStatRxFeSMES15MinRtr | |
| tnOthOtukStatRxFeSMES15MinTr | |
| tnOthOtukStatRxFeSMES1DayTr | |
| tnOthOtukStatRxFeSMSES15MinRtr | |
| tnOthOtukStatRxFeSMSES15MinTr | |
| tnOthOtukStatRxFeSMSES1DayTr | |
| tnOthOtukStatRxFeSMUAS15MinRtr | |
| tnOthOtukStatRxFeSMUAS15MinTr | |
| tnOthOtukStatRxFeSMUAS1DayTr | |
| tnOthOtukStatRxNeIAES15MinRtr | |
| tnOthOtukStatRxNeIAES15MinTr | |
| tnOthOtukStatRxNeIAES1DayTr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|--------------------------------|-------|
| tnOthOtukStatRxNeSMES15MinRtr | |
| tnOthOtukStatRxNeSMES15MinTr | |
| tnOthOtukStatRxNeSMES1DayTr | |
| tnOthOtukStatRxNeSMSES15MinRtr | |
| tnOthOtukStatRxNeSMSES15MinTr | |
| tnOthOtukStatRxNeSMSES1DayTr | |
| tnOthOtukStatRxNeSMUAS15MinRtr | |
| tnOthOtukStatRxNeSMUAS15MinTr | |
| tnOthOtukStatRxNeSMUAS1DayTr | |
| tnPcsStats100GBERxCV15MinRtr | |
| tnPcsStats100GBERxCV15MinTr | |
| tnPcsStats100GBERxCV1DayTr | |
| tnPcsStats100GBETxCV15MinRtr | |
| tnPcsStats100GBETxCV15MinTr | |
| tnPcsStats100GBETxCV1DayTr | |
| tnPcsStats10GBERxCV15MinRtr | |
| tnPcsStats10GBERxCV15MinTr | |
| tnPcsStats10GBERxCV1DayTr | |
| tnPcsStats10GBETxCV15MinRtr | |
| tnPcsStats10GBETxCV15MinTr | |
| tnPcsStats10GBETxCV1DayTr | |
| tnPcsStats10GFCRxCV15MinRtr | |
| tnPcsStats10GFCRxCV15MinTr | |
| tnPcsStats10GFCRxCV1DayTr | |
| tnPcsStats10GFCTxCV15MinRtr | |
| tnPcsStats10GFCTxCV15MinTr | |
| tnPcsStats10GFCTxCV1DayTr | |
| tnPcsStats16GFCRxCV15MinRtr | |
| tnPcsStats16GFCRxCV15MinTr | |
| tnPcsStats16GFCRxCV1DayTr | |
| tnPcsStats16GFCTxCV15MinRtr | |
| tnPcsStats16GFCTxCV15MinTr | |
| tnPcsStats16GFCTxCV1DayTr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|----------------------------|-------|
| tnPcsStats2GFCRxCV15MinRtr | |
| tnPcsStats2GFCRxCV15MinTr | |
| tnPcsStats2GFCRxCV1DayTr | |
| tnPcsStats2GFCTxCV15MinRtr | |
| tnPcsStats2GFCTxCV15MinTr | |
| tnPcsStats2GFCTxCV1DayTr | |
| tnPcsStats4GBERxCV15MinRtr | |
| tnPcsStats4GBERxCV15MinTr | |
| tnPcsStats4GBERxCV1DayTr | |
| tnPcsStats4GBETxCV15MinRtr | |
| tnPcsStats4GBETxCV15MinTr | |
| tnPcsStats4GBETxCV1DayTr | |
| tnPcsStats4GFCRxCV15MinRtr | |
| tnPcsStats4GFCRxCV15MinTr | |
| tnPcsStats4GFCRxCV1DayTr | |
| tnPcsStats4GFCTxCV15MinRtr | |
| tnPcsStats4GFCTxCV15MinTr | |
| tnPcsStats4GFCTxCV1DayTr | |
| tnPcsStats8GFCRxCV15MinRtr | |
| tnPcsStats8GFCRxCV15MinTr | |
| tnPcsStats8GFCRxCV1DayTr | |
| tnPcsStats8GFCTxCV15MinRtr | |
| tnPcsStats8GFCTxCV15MinTr | |
| tnPcsStats8GFCTxCV1DayTr | |
| tnPcsStatsGBERxCV15MinRtr | |
| tnPcsStatsGBERxCV15MinTr | |
| tnPcsStatsGBERxCV1DayTr | |
| tnPcsStatsGBETxCV15MinRtr | |
| tnPcsStatsGBETxCV15MinTr | |
| tnPcsStatsGBETxCV1DayTr | |
| tnPcsStatsGFCRxCV15MinRtr | |
| tnPcsStatsGFCRxCV15MinTr | |
| tnPcsStatsGFCRxCV1DayTr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|--------------------------------|-------|
| tnPcsStatsGFCTxCV15MinRtr | |
| tnPcsStatsGFCTxCV15MinTr | |
| tnPcsStatsGFCTxCV1DayTr | |
| tnPcsStatsRtrRxES15MinRtr | |
| tnPcsStatsRtrRxSES15MinRtr | |
| tnPcsStatsRtrTxES15MinRtr | |
| tnPcsStatsRtrTxSES15MinRtr | |
| tnPcsStatsRxES15MinTr | |
| tnPcsStatsRxES1DayTr | |
| tnPcsStatsRxSEFS15MinRtr | |
| tnPcsStatsRxSEFS15MinTr | |
| tnPcsStatsRxSEFS1DayTr | |
| tnPcsStatsRxSES15MinTr | |
| tnPcsStatsRxSES1DayTr | |
| tnPcsStatsTxES15MinTr | |
| tnPcsStatsTxES1DayTr | |
| tnPcsStatsTxSEFS15MinRtr | |
| tnPcsStatsTxSEFS15MinTr | |
| tnPcsStatsTxSEFS1DayTr | |
| tnPcsStatsTxSES15MinTr | |
| tnPcsStatsTxSES1DayTr | |
| tnSapStatsIngressOctetsDropped | |
| tnSapStatsIngressPktsDropped | |
| tnSdhStatsRxMSES15MinRtr | |
| tnSdhStatsRxMSES15MinTr | |
| tnSdhStatsRxMSES1DayTr | |
| tnSdhStatsRxMSFEES15MinRtr | |
| tnSdhStatsRxMSFEES15MinTr | |
| tnSdhStatsRxMSFEES1DayTr | |
| tnSdhStatsRxMSFESES15MinRtr | |
| tnSdhStatsRxMSFESES15MinTr | |
| tnSdhStatsRxMSFESES1DayTr | |
| tnSdhStatsRxMSFEUAS15MinRtr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|---------------------------------|-------|
| tnSdhStatsRxMSFEUAS15MinTr | |
| tnSdhStatsRxMSFEUAS1DayTr | |
| tnSdhStatsRxMSESES15MinRtr | |
| tnSdhStatsRxMSESES15MinTr | |
| tnSdhStatsRxMSESES1DayTr | |
| tnSdhStatsRxMSUAS15MinRtr | |
| tnSdhStatsRxMSUAS15MinTr | |
| tnSdhStatsRxMSUAS1DayTr | |
| tnSdhStatsRxRSES15MinRtr | |
| tnSdhStatsRxRSES15MinTr | |
| tnSdhStatsRxRSES1DayTr | |
| tnSdhStatsRxRSESES15MinRtr | |
| tnSdhStatsRxRSESES15MinTr | |
| tnSdhStatsRxRSESES1DayTr | |
| tnSdhStatsRxRSUAS15MinRtr | |
| tnSdhStatsRxRSUAS15MinTr | |
| tnSdhStatsRxRSUAS1DayTr | |
| tnSdhStatsSTM16RxMSEB15MinRtr | |
| tnSdhStatsSTM16RxMSEB15MinTr | |
| tnSdhStatsSTM16RxMSEB1DayTr | |
| tnSdhStatsSTM16RxMSFEEB15MinRtr | |
| tnSdhStatsSTM16RxMSFEEB15MinTr | |
| tnSdhStatsSTM16RxMSFEEB1DayTr | |
| tnSdhStatsSTM16RxRSEB15MinRtr | |
| tnSdhStatsSTM16RxRSEB15MinTr | |
| tnSdhStatsSTM16RxRSEB1DayTr | |
| tnSdhStatsSTM16TxMSEB15MinRtr | |
| tnSdhStatsSTM16TxMSEB15MinTr | |
| tnSdhStatsSTM16TxMSEB1DayTr | |
| tnSdhStatsSTM16TxRSEB15MinRtr | |
| tnSdhStatsSTM16TxRSEB15MinTr | |
| tnSdhStatsSTM16TxRSEB1DayTr | |
| tnSdhStatsSTM1RxMSEB15MinRtr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|----------------------------------|-------|
| tnSdhStatsSTM1RxMSEB15MinTr | |
| tnSdhStatsSTM1RxMSEB1DayTr | |
| tnSdhStatsSTM1RxMSFEEB15MinRtr | |
| tnSdhStatsSTM1RxMSFEEB15MinTr | |
| tnSdhStatsSTM1RxMSFEEB1DayTr | |
| tnSdhStatsSTM1RxRSEB15MinRtr | |
| tnSdhStatsSTM1RxRSEB15MinTr | |
| tnSdhStatsSTM1RxRSEB1DayTr | |
| tnSdhStatsSTM1TxMSEB15MinRtr | |
| tnSdhStatsSTM1TxMSEB15MinTr | |
| tnSdhStatsSTM1TxMSEB1DayTr | |
| tnSdhStatsSTM1TxRSEB15MinRtr | |
| tnSdhStatsSTM1TxRSEB15MinTr | |
| tnSdhStatsSTM1TxRSEB1DayTr | |
| tnSdhStatsSTM256RxMSEB15MinRtr | |
| tnSdhStatsSTM256RxMSEB15MinTr | |
| tnSdhStatsSTM256RxMSEB1DayTr | |
| tnSdhStatsSTM256RxMSFEEB15MinRtr | |
| tnSdhStatsSTM256RxMSFEEB15MinTr | |
| tnSdhStatsSTM256RxMSFEEB1DayTr | |
| tnSdhStatsSTM256RxRSEB15MinRtr | |
| tnSdhStatsSTM256RxRSEB15MinTr | |
| tnSdhStatsSTM256RxRSEB1DayTr | |
| tnSdhStatsSTM256TxMSEB15MinRtr | |
| tnSdhStatsSTM256TxMSEB15MinTr | |
| tnSdhStatsSTM256TxMSEB1DayTr | |
| tnSdhStatsSTM256TxRSEB15MinRtr | |
| tnSdhStatsSTM256TxRSEB15MinTr | |
| tnSdhStatsSTM256TxRSEB1DayTr | |
| tnSdhStatsSTM4RxMSEB15MinRtr | |
| tnSdhStatsSTM4RxMSEB15MinTr | |
| tnSdhStatsSTM4RxMSEB1DayTr | |
| tnSdhStatsSTM4RxMSFEEB15MinRtr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|---------------------------------|-------|
| tnSdhStatsSTM4RxMSFEEB15MinTr | |
| tnSdhStatsSTM4RxMSFEEB1DayTr | |
| tnSdhStatsSTM4RxRSEB15MinRtr | |
| tnSdhStatsSTM4RxRSEB15MinTr | |
| tnSdhStatsSTM4RxRSEB1DayTr | |
| tnSdhStatsSTM4TxMSEB15MinRtr | |
| tnSdhStatsSTM4TxMSEB15MinTr | |
| tnSdhStatsSTM4TxMSEB1DayTr | |
| tnSdhStatsSTM4TxRSEB15MinRtr | |
| tnSdhStatsSTM4TxRSEB15MinTr | |
| tnSdhStatsSTM4TxRSEB1DayTr | |
| tnSdhStatsSTM64RxMSEB15MinRtr | |
| tnSdhStatsSTM64RxMSEB15MinTr | |
| tnSdhStatsSTM64RxMSEB1DayTr | |
| tnSdhStatsSTM64RxMSFEEB15MinRtr | |
| tnSdhStatsSTM64RxMSFEEB15MinTr | |
| tnSdhStatsSTM64RxMSFEEB1DayTr | |
| tnSdhStatsSTM64RxRSEB15MinRtr | |
| tnSdhStatsSTM64RxRSEB15MinTr | |
| tnSdhStatsSTM64RxRSEB1DayTr | |
| tnSdhStatsSTM64TxMSEB15MinRtr | |
| tnSdhStatsSTM64TxMSEB15MinTr | |
| tnSdhStatsSTM64TxMSEB1DayTr | |
| tnSdhStatsSTM64TxRSEB15MinRtr | |
| tnSdhStatsSTM64TxRSEB15MinTr | |
| tnSdhStatsSTM64TxRSEB1DayTr | |
| tnSdhStatsTxMSES15MinRtr | |
| tnSdhStatsTxMSES15MinTr | |
| tnSdhStatsTxMSES1DayTr | |
| tnSdhStatsTxMSES15MinRtr | |
| tnSdhStatsTxMSES15MinTr | |
| tnSdhStatsTxMSES1DayTr | |
| tnSdhStatsTxMSUAS15MinRtr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|---------------------------------|-------|
| tnSdhStatsTxMSUAS15MinTr | |
| tnSdhStatsTxMSUAS1DayTr | |
| tnSdhStatsTxRSES15MinRtr | |
| tnSdhStatsTxRSES15MinTr | |
| tnSdhStatsTxRSES1DayTr | |
| tnSdhStatsTxRSSES15MinRtr | |
| tnSdhStatsTxRSSES15MinTr | |
| tnSdhStatsTxRSSES1DayTr | |
| tnSdhStatsTxRSUAS15MinRtr | |
| tnSdhStatsTxRSUAS15MinTr | |
| tnSdhStatsTxRSUAS1DayTr | |
| tnSonetStatsOC12RxCVL15MinTr | |
| tnSonetStatsOC12RxCVL1DayTr | |
| tnSonetStatsOC12RxCVS15MinTr | |
| tnSonetStatsOC12RxCVS1DayTr | |
| tnSonetStatsOC12RxFECVL15MinTr | |
| tnSonetStatsOC12RxFECVL1DayTr | |
| tnSonetStatsOC12TxCVL15MinTr | |
| tnSonetStatsOC12TxCVL1DayTr | |
| tnSonetStatsOC12TxCVS15MinTr | |
| tnSonetStatsOC12TxCVS1DayTr | |
| tnSonetStatsOC192RxCVL15MinTr | |
| tnSonetStatsOC192RxCVL1DayTr | |
| tnSonetStatsOC192RxCVS15MinTr | |
| tnSonetStatsOC192RxCVS1DayTr | |
| tnSonetStatsOC192RxFECVL15MinTr | |
| tnSonetStatsOC192RxFECVL1DayTr | |
| tnSonetStatsOC192TxCVL15MinTr | |
| tnSonetStatsOC192TxCVL1DayTr | |
| tnSonetStatsOC192TxCVS15MinTr | |
| tnSonetStatsOC192TxCVS1DayTr | |
| tnSonetStatsOC3RxCVL15MinTr | |
| tnSonetStatsOC3RxCVL1DayTr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|---------------------------------|-------|
| tnSonetStatsOC3RxCVS15MinTr | |
| tnSonetStatsOC3RxCVS1DayTr | |
| tnSonetStatsOC3RxFECVL15MinTr | |
| tnSonetStatsOC3RxFECVL1DayTr | |
| tnSonetStatsOC3TxCVL15MinTr | |
| tnSonetStatsOC3TxCVL1DayTr | |
| tnSonetStatsOC3TxCVS15MinTr | |
| tnSonetStatsOC3TxCVS1DayTr | |
| tnSonetStatsOC48RxCVL15MinTr | |
| tnSonetStatsOC48RxCVL1DayTr | |
| tnSonetStatsOC48RxCVS15MinTr | |
| tnSonetStatsOC48RxCVS1DayTr | |
| tnSonetStatsOC48RxFECVL15MinTr | |
| tnSonetStatsOC48RxFECVL1DayTr | |
| tnSonetStatsOC48TxCVL15MinTr | |
| tnSonetStatsOC48TxCVL1DayTr | |
| tnSonetStatsOC48TxCVS15MinTr | |
| tnSonetStatsOC48TxCVS1DayTr | |
| tnSonetStatsOC768RxCVL15MinTr | |
| tnSonetStatsOC768RxCVL1DayTr | |
| tnSonetStatsOC768RxCVS15MinTr | |
| tnSonetStatsOC768RxCVS1DayTr | |
| tnSonetStatsOC768RxFECVL15MinTr | |
| tnSonetStatsOC768RxFECVL1DayTr | |
| tnSonetStatsOC768TxCVL15MinTr | |
| tnSonetStatsOC768TxCVL1DayTr | |
| tnSonetStatsOC768TxCVS15MinTr | |
| tnSonetStatsOC768TxCVS1DayTr | |
| tnSonetStatsRxESL15MinTr | |
| tnSonetStatsRxESL1DayTr | |
| tnSonetStatsRxESS15MinTr | |
| tnSonetStatsRxESS1DayTr | |
| tnSonetStatsRxFEESL15MinTr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|-----------------------------|-------|
| tnSonetStatsRxFEESL1DayTr | |
| tnSonetStatsRxFESESL15MinTr | |
| tnSonetStatsRxFESESL1DayTr | |
| tnSonetStatsRxFEUASL15MinTr | |
| tnSonetStatsRxFEUASL1DayTr | |
| tnSonetStatsRxSEFSS15MinTr | |
| tnSonetStatsRxSEFSS1DayTr | |
| tnSonetStatsRxSESL15MinTr | |
| tnSonetStatsRxSESL1DayTr | |
| tnSonetStatsRxSESS15MinTr | |
| tnSonetStatsRxSESS1DayTr | |
| tnSonetStatsRxUASL15MinTr | |
| tnSonetStatsRxUASL1DayTr | |
| tnSonetStatsRxUASS15MinTr | |
| tnSonetStatsRxUASS1DayTr | |
| tnSonetStatsTxESL15MinTr | |
| tnSonetStatsTxESL1DayTr | |
| tnSonetStatsTxESS15MinTr | |
| tnSonetStatsTxESS1DayTr | |
| tnSonetStatsTxSEFSS15MinTr | |
| tnSonetStatsTxSEFSS1DayTr | |
| tnSonetStatsTxSESL15MinTr | |
| tnSonetStatsTxSESL1DayTr | |
| tnSonetStatsTxSESS15MinTr | |
| tnSonetStatsTxSESS1DayTr | |
| tnSonetStatsTxUASL15MinTr | |
| tnSonetStatsTxUASL1DayTr | |
| tnSonetStatsTxUASS15MinTr | |
| tnSonetStatsTxUASS1DayTr | |
| Tx BBEP 1 Day Tr | |
| Tx BBEP 15 Min Rtr | |
| Tx BBEP 15 Min Tr | |
| Tx Broadcast Packets | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|-------------------------|-------|
| Tx Collisions | |
| Tx CRC Alignment Errors | |
| Tx CV | |
| Tx CV 1 Day Tr | |
| Tx CV 15 Min Rtr | |
| Tx CV 15 Min Tr | |
| Tx CVL | |
| Tx CVL 1 Day Tr | |
| Tx CVL 15 Min Rtr | |
| Tx CVL 15 Min Tr | |
| Tx CVS | |
| Tx CVS 1 Day Tr | |
| Tx CVS 15 Min Rtr | |
| Tx CVS 15 Min Tr | |
| Tx Drop Events | |
| Tx ES | |
| Tx ES 1 Day Tr | |
| Tx ES 15 Min Rtr | |
| Tx ES 15 Min Tr | |
| Tx ESL | |
| Tx ESL 1 Day Tr | |
| Tx ESL 15 Min Rtr | |
| Tx ESL 15 Min Tr | |
| Tx ESP 1 Day Tr | |
| Tx ESP 15 Min Rtr | |
| Tx ESP 15 Min Tr | |
| Tx ESS | |
| Tx ESS 1 Day Tr | |
| Tx ESS 15 Min Rtr | |
| Tx ESS 15 Min Tr | |
| Tx FCL | |
| Tx FCL 1 Day Tr | |
| Tx FCL 15 Min Rtr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|-------------------------------------|-------|
| Tx FCL 15 Min Tr | |
| Tx Fragments | |
| Tx Jabbers | |
| Tx Jumbo Packets | |
| Tx MSEB | |
| Tx MSEB 1 Day Tr | |
| Tx MSEB 15 Min Rtr | |
| Tx MSEB 15 Min Tr | |
| Tx MSES | |
| Tx MSES 1 Day Tr | |
| Tx MSES 15 Min Rtr | |
| Tx MSES 15 Min Tr | |
| Tx MSES | |
| Tx MSES 1 Day Tr | |
| Tx MSES 15 Min Rtr | |
| Tx MSES 15 Min Tr | |
| Tx MSSES | |
| Tx MSSES 1 Day Tr | |
| Tx MSSES 15 Min Rtr | |
| Tx MSSES 15 Min Tr | |
| Tx MSUAS | |
| Tx MSUAS 1 Day Tr | |
| Tx MSUAS 15 Min Rtr | |
| Tx MSUAS 15 Min Tr | |
| Tx Multicast Packets | |
| Tx Octets | |
| Tx Oversized Packets | |
| Tx Packet Error Ratio | |
| Tx Packet Error Ratio 1 Day Tr | |
| Tx Packet Error Ratio 15 Min Rtr | |
| Tx Packet Error Ratio 15 Min Tr | |
| Tx Packets | |
| Tx Packets Sized 1024 To 1518 Bytes | |
| Tx Packets Sized 128 To 255 Bytes | |
| Tx Packets Sized 256 To 511 Bytes | |
| Tx Packets Sized 512 To 1023 Bytes | |
| Tx Packets Sized 64 Bytes | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|----------------------------------|-------|
| Tx Packets Sized 65 To 127 Bytes | |
| Tx RSEB | |
| Tx RSEB 1 Day Tr | |
| Tx RSEB 15 Min Rtr | |
| Tx RSEB 15 Min Tr | |
| Tx RSES | |
| Tx RSES 1 Day Tr | |
| Tx RSES 15 Min Rtr | |
| Tx RSES 15 Min Tr | |
| Tx RSESES | |
| Tx RSESES 1 Day Tr | |
| Tx RSESES 15 Min Rtr | |
| Tx RSESES 15 Min Tr | |
| Tx RSUAS | |
| Tx RSUAS 1 Day Tr | |
| Tx RSUAS 15 Min Rtr | |
| Tx RSUAS 15 Min Tr | |
| Tx SEFS | |
| Tx SEFS 1 Day Tr | |
| Tx SEFS 15 Min Rtr | |
| Tx SEFS 15 Min Tr | |
| Tx SEFSS | |
| Tx SEFSS 1 Day Tr | |
| Tx SEFSS 15 Min Rtr | |
| Tx SEFSS 15 Min Tr | |
| Tx SES | |
| Tx SES 1 Day Tr | |
| Tx SES 15 Min Rtr | |
| Tx SES 15 Min Tr | |
| Tx SESL | |
| Tx SESL 1 Day Tr | |
| Tx SESL 15 Min Rtr | |
| Tx SESL 15 Min Tr | |

Table 3-2563 TCA Variable Name (continued)

| Name | Value |
|-----------------------|-------|
| Tx SESP 1 Day Tr | |
| Tx SESP 15 Min Rtr | |
| Tx SESP 15 Min Tr | |
| Tx SESS | |
| Tx SESS 1 Day Tr | |
| Tx SESS 15 Min Rtr | |
| Tx SESS 15 Min Tr | |
| Tx UASL | |
| Tx UASL 1 Day Tr | |
| Tx UASL 15 Min Rtr | |
| Tx UASL 15 Min Tr | |
| Tx UASP 1 Day Tr | |
| Tx UASP 15 Min Rtr | |
| Tx UASP 15 Min Tr | |
| Tx UASS | |
| Tx UASS 1 Day Tr | |
| Tx UASS 15 Min Rtr | |
| Tx UASS 15 Min Tr | |
| Tx Undersized Packets | |
| UAS-ODU | |
| UAS-OTU | |
| UAS-RS | |
| UAS-S | |
| UAS-TCM | |

Threshold Value**Table 3-2564 Threshold Value**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Threshold Value |
| Maximum | 20 |
| Minimum | 0 |

Table 3-2564 Threshold Value (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | tcaValue |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

NE Test Agent parameters

Current Deployed Test Count

Table 3-2565 Current Deployed Test Count

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The number of deployed tests installed on the node. |
| Displayed name | Current Deployed Test Count |
| Minimum | 0 |
| OSS name | deployedTestCount |
| Read-only | no |
| Tab Panel | General limits |
| Type | INT |

Maximum Concurrent Pings

Table 3-2566 Maximum Concurrent Pings

| Name | Value |
|----------------|--|
| Default | yes:10 |
| Description | The maximum number of concurrent pings (and actions) allowed to execute on this SA site. |
| Displayed name | Maximum Concurrent Pings |
| Minimum | 0 |
| OSS name | maxConcurrentPings |
| Read-only | no |
| Tab Panel | General pings |
| Type | LONG |

Maximum Concurrent Traces**Table 3-2567 Maximum Concurrent Traces**

| Name | Value |
|----------------|---|
| Default | yes:10 |
| Description | The maximum number of concurrent traces allowed to execute on this SA site. |
| Displayed name | Maximum Concurrent Traces |
| Minimum | 0 |
| OSS name | maxConcurrentTraces |
| Read-only | no |
| Tab Panel | General traces |
| Type | LONG |

Maximum Deployed Test Count**Table 3-2568 Maximum Deployed Test Count**

| Name | Value |
|----------------|---|
| Default | yes:5000 |
| Description | The maximum number of deployed tests allowed on the node. |
| Displayed name | Maximum Deployed Test Count |
| OSS name | maxDeployedTestCount |
| Read-only | no |
| Tab Panel | General limits |
| Type | INT |

Maximum LTT Concurrent Requests**Table 3-2569 Maximum LTT Concurrent Requests**

| Name | Value |
|----------------|---|
| Default | yes:4 |
| Description | Indicates the maximum number of concurrent active Ldp Tree Trace manual discovery requests that are allowed within an agent implementation. |
| Displayed name | Maximum LTT Concurrent Requests |
| Minimum | 0 |
| OSS name | maxLTtraceMaxConRequests |
| Read-only | no |

Table 3-2569 Maximum LTT Concurrent Requests (continued)

| Name | Value |
|-------------|----------------|
| Tab Panel | General traces |
| Type | LONG |

Node ID**Table 3-2570 Node ID**

| Name | Value |
|----------------|--------------------------------------|
| Default | yes:0.0.0.0 |
| Description | The service assurance agent node ID. |
| Displayed name | Node ID |
| Maximum | 60 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Unlimited Concurrent Pings**Table 3-2571 Unlimited Concurrent Pings**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Set to true to allow an unlimited number of concurrent pings on a node. There may still be some node specific limits, in which case, setting this flag to true will ensure that the maxConcurrentPings is configured to the maximum. |
| Displayed name | Unlimited Concurrent Pings |
| OSS name | unlimitedMaxPings |
| Read-only | no |
| Tab Panel | General pings |
| Type | BOOL |

Unlimited Concurrent Traces

Table 3-2572 Unlimited Concurrent Traces

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Set to true to allow an unlimited number of concurrent traces on a node. There may still be some node specific limits, in which case, setting this flag to true will ensure that the maxConcurrentTraces is configured to the maximum. |
| Displayed name | Unlimited Concurrent Traces |
| OSS name | unlimitedMaxTraces |
| Read-only | no |
| Tab Panel | General traces |
| Type | BOOL |

NE User parameters

Access

Table 3-2573 Access

| Name | Value |
|----------------|--|
| Default | yes:unspecified |
| Description | The value of tmnxUserAccess specifies the type of access the the user is permitted. To allow the user access to the console, FTP or SNMP, set the corresponding bit in tmnxUserAccess. Reset the bit to deny the access. 'li' access allows this user to access CLI commands in the Lawful Intercept (LI) context. The 'li' bit can only be modified from the SNMPv3 'li' context. |
| Displayed name | Access |
| OSS name | access |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Access Privilege

Table 3-2574 Access Privilege

| Name | Value |
|-------------|---------------------------------|
| Default | yes:observer |
| Description | Access Privilege added for PSS. |

Table 3-2574 Access Privilege (continued)

| Name | Value |
|--------------------------|---------------------------------|
| Displayed name | Access Privilege |
| OSS name | accessPrivilege |
| Read-only | no |
| Tab Panel | General PSS Specific Attributes |
| Type | AccessPrivilege |
| Enumerated types: | |
| Admin | |
| Crypto | |
| Observer | |
| Provisioner | |
| Service | |

Access Privilege**Table 3-2575 Access Privilege**

| Name | Value |
|--------------------------|---------------------------------|
| Default | yes:AdminGroup |
| Description | Access Privilege added for PSS. |
| Displayed name | Access Privilege |
| OSS name | snmpAccessPrivilege |
| Read-only | no |
| Tab Panel | SNMPv3 PSS Specific Attributes |
| Type | SNMPAccessPrivilege |
| Enumerated types: | |
| Admin | |
| Crypto | |
| NMS | |
| Observer | |
| Provisioner | |

Additional ID
Table 3-2576 Additional ID

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Additional ID |
| Mandatory on creation | yes |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Attempted Logins**Table 3-2577 Attempted Logins**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The value of tmnxUserAttemptedLogins indicates the number of times the user has attempted to login irrespective of whether the login succeeded or failed. |
| Displayed name | Attempted Logins |
| OSS name | attemptedLogins |
| Read-only | yes |
| Tab Panel | Statistics General |
| Type | LONG |

Authentication Protocol**Table 3-2578 Authentication Protocol**

| Name | Value |
|----------------|------------------------------|
| Default | yes:none |
| Description | SNMP Authorization Protocol. |
| Displayed name | Authentication Protocol |
| OSS name | snmpAuthProtocol |
| Read-only | no |

Table 3-2578 Authentication Protocol (continued)

| Name | Value |
|-------------|---------------------------------|
| Tab Panel | SNMPv3 General |
| Type | security.SnmpAuthenticationType |

Configuration Mode**Table 3-2579 Configuration Mode**

| Name | Value |
|----------------|------------------------------|
| Default | yes:draft |
| Displayed name | Configuration Mode |
| OSS name | configurationMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | ConfigurationMode |

Confirm New Auth Password**Table 3-2580 Confirm New Auth Password**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | SNMP Auth Password2. |
| Displayed name | Confirm New Auth Password |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | snmpAuthPassword2 |
| Read-only | no |
| Tab Panel | SNMPv3 Set New Authentication Password |
| Type | STRING |

Confirm New Privacy Password**Table 3-2581 Confirm New Privacy Password**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-2581 Confirm New Privacy Password (continued)

| Name | Value |
|----------------|---------------------------------|
| Description | SNMP Private password2 |
| Displayed name | Confirm New Privacy Password |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | snmpPrivPassword2 |
| Read-only | no |
| Tab Panel | SNMPv3 Set New Privacy Password |
| Type | STRING |

Confirm Password**Table 3-2582 Confirm Password**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The value of password2 specifies the password used to authenticate the user for console and FTP access. tmnxUserPassword and tmnxUserPasswordEncrypted, which indicates whether or not the password string is encrypted, must be set together in the same SNMP request PDU or else the set request will fail with an inconsistentValue error. |
| Displayed name | Confirm Password |
| Maximum | 129 |
| Minimum | 0 |
| OSS name | password2 |
| Read-only | no |
| Tab Panel | General Set New Password (Console and/or FTP) |
| Type | STRING |

Console Cannot Change Password**Table 3-2583 Console Cannot Change Password**

| Name | Value |
|-------------|--|
| Default | yes:false |
| Description | When the value of tmnxUserConsoleCannotChangePswd is 'true', the user does not have the privilege to change the password for console and FTP login. When the value of tmnxUserConsoleCannotChangePswd is 'false', the user has the privilege to change the password for console and FTP login. |

Table 3-2583 Console Cannot Change Password (continued)

| Name | Value |
|----------------|-----------------------------------|
| Displayed name | Console Cannot Change Password |
| OSS name | consoleCannotChangePassword |
| Read-only | no |
| Tab Panel | General Console Login Permissions |
| Type | generic.TruthValue |

Console Login Exec File

Table 3-2584 Console Login Exec File

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The value of consoleLoginExecFile specifies the file that should be executed whenever the user successfully logs in to a console session. |
| Displayed name | Console Login Exec File |
| Maximum | 200 |
| Minimum | 0 |
| OSS name | consoleLoginExecFile |
| Read-only | no |
| Tab Panel | General Console Login Permissions |
| Type | STRING |

Console New Password At Login

Table 3-2585 Console New Password At Login

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | When the value of tmnxUserConsoleNewPswdAtLogin is 'true', the will be forced to change his password at the next console or FTP login. When the value of tmnxUserConsole-NewPswdAtLogin is 'false', the will not be forced to change his password at the next console or FTP login. |
| Displayed name | Console New Password At Login |
| OSS name | consoleNewPasswordAtLogin |
| Read-only | no |
| Tab Panel | General Console Login Permissions |

Table 3-2585 Console New Password At Login (continued)

| Name | Value |
|------|--------------------|
| Type | generic.TruthValue |

Description**Table 3-2586 Description**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Discovery State**Table 3-2587 Discovery State**

| Name | Value |
|----------------|--|
| Default | yes:notApplicable |
| Description | Only applicable to the global policy. Set to "InProgress" if the global policy is created as part of the specific NE resync during the full node resync or node discovery. At the end of full node resync, if the resync is successful, the global policy is completely updated from first discovered local policy and its discoveryState is set to "completed". Otherwise, the global policy is not updated and its discoveryState is set to "failed". For "failed" global policy, it will be updated by next successful full node resync or synchronized from the specific local policy. Set to "initialized" if the global policy is created by SNMP trap notification. User may need to synchronize the global policy manually with the specific local policy. Set to "N/A" if the global policy is created or modified by a SAM user. |
| Displayed name | Discovery State |
| OSS name | discoveryState |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DiscoveryState |

Distribution Mode
Table 3-2588 Distribution Mode

| Name | Value |
|----------------|------------------------------|
| Default | yes:syncWithGlobal |
| Displayed name | Distribution Mode |
| OSS name | distributionMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DistributionMode |

Home Directory**Table 3-2589 Home Directory**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The value of tmnxUserHomeDirectory specifies the local home directory for the user for console and FTP access. |
| Displayed name | Home Directory |
| Maximum | 200 |
| Minimum | 0 |
| OSS name | homeDirectory |
| Read-only | no |
| Tab Panel | General File System Permissions |
| Type | STRING |

Last Sync From**Table 3-2590 Last Sync From**

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | Only applicable to the global policy. Set to the siteId if the policy is created as the part of the specific NE resync or by SNMP notification. Set to user name if the policy is created by a SAM user. |
| Displayed name | Last Sync From |
| Maximum | 50 |
| OSS name | origin |

Table 3-2590 Last Sync From (continued)

| Name | Value |
|-------------|------------------------------|
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | STRING |

Last Sync Time**Table 3-2591 Last Sync Time**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Only applicable to the global policy. Specifies the time at which latest sync occurred. |
| Displayed name | Last Sync Time |
| OSS name | lastSyncTime |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DATE |

New Authentication Password**Table 3-2592 New Authentication Password**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | SNMP Auth Password. |
| Displayed name | New Authentication Password |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | snmpAuthPassword |
| Read-only | no |
| Tab Panel | SNMPv3 Set New Authentication Password |
| Type | STRING |

New Privacy Password

Table 3-2593 New Privacy Password

| Name | Value |
|----------------|---------------------------------|
| Default | yes: |
| Description | SNMP Private password. |
| Displayed name | New Privacy Password |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | snmpPrivPassword |
| Read-only | no |
| Tab Panel | SNMPv3 Set New Privacy Password |
| Type | STRING |

Password

Table 3-2594 Password

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The value of password specifies the password used to authenticate the user for console and FTP access. <code>tmnxUserPassword</code> and <code>tmnxUserPasswordEncrypted</code> , which indicates whether or not the password string is encrypted, must be set together in the same SNMP request PDU or else the set request will fail with an <code>inconsistentValue</code> error. |
| Displayed name | Password |
| Maximum | 129 |
| Minimum | 0 |
| OSS name | password |
| Read-only | no |
| Tab Panel | General Set New Password (Console and/or FTP) |
| Type | STRING |

Password Last Change Time

Table 3-2595 Password Last Change Time

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 3-2595 Password Last Change Time (continued)

| Name | Value |
|----------------|--|
| Description | The value of passwordChangeTime indicates the value of sysUpTime when the login password was last changed. |
| Displayed name | Password Last Change Time |
| OSS name | passwordChangeTime |
| Read-only | yes |
| Tab Panel | Statistics General |
| Type | TIME |

Policy Scope

Table 3-2596 Policy Scope

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Displayed name | Policy Scope |
| OSS name | isLocal |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | BOOL |

Privacy Protocol

Table 3-2597 Privacy Protocol

| Name | Value |
|----------------|--------------------------|
| Default | yes:none |
| Description | SNMP Privacy protocol. |
| Displayed name | Privacy Protocol |
| OSS name | snmpPrivProtocol |
| Read-only | no |
| Tab Panel | SNMPv3 General |
| Type | security.SnmpPrivacyType |

Profile 1
Table 3-2598 Profile 1

| Name | Value |
|----------------|--|
| Default | yes:default |
| Description | The value of <code>tmnxUserConsoleMemberProfile1</code> specifies a user profile that the user has access to. This profile must be a valid row entry in <code>tmnxUserProfileTable</code> . Each user can access a maximum of 8 user profiles. The value of the n-th user profile can be set only if all previous user profiles (1 through (n-1)) are non-empty strings. The order of the user profiles is important. The first user profile has highest precedence, followed by the second and so on. |
| Displayed name | Profile 1 |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | <code>consoleMemberProfile1</code> |
| Read-only | no |
| Tab Panel | Console Profiles General |
| Type | STRING |

Profile 2**Table 3-2599 Profile 2**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The value of <code>tmnxUserConsoleMemberProfile2</code> specifies a user profile that the user has access to. This profile must be a valid row entry in <code>tmnxUserProfileTable</code> . Each user can access a maximum of 8 user profiles. The value of the n-th user profile can be set only if all previous user profiles (1 through (n-1)) are non-empty strings. The order of the user profiles is important. The first user profile has highest precedence, followed by the second and so on. |
| Displayed name | Profile 2 |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | <code>consoleMemberProfile2</code> |
| Read-only | no |
| Tab Panel | Console Profiles General |
| Type | STRING |

Profile 3**Table 3-2600 Profile 3**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The value of <code>tmnxUserConsoleMemberProfile3</code> specifies a user profile that the user has access to. This profile must be a valid row entry in <code>tmnxUserProfileTable</code> . Each user can access a maximum of 8 user profiles. The value of the n-th user profile can be set only if all previous user profiles (1 through (n-1)) are non-empty strings. The order of the user profiles is important. The first user profile has highest precedence, followed by the second and so on. |
| Displayed name | Profile 3 |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | <code>consoleMemberProfile3</code> |
| Read-only | no |
| Tab Panel | Console Profiles General |
| Type | STRING |

Profile 4**Table 3-2601 Profile 4**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The value of <code>tmnxUserConsoleMemberProfile4</code> specifies a user profile that the user has access to. This profile must be a valid row entry in <code>tmnxUserProfileTable</code> . Each user can access a maximum of 8 user profiles. The value of the n-th user profile can be set only if all previous user profiles (1 through (n-1)) are non-empty strings. The order of the user profiles is important. The first user profile has highest precedence, followed by the second and so on. |
| Displayed name | Profile 4 |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | <code>consoleMemberProfile4</code> |
| Read-only | no |
| Tab Panel | Console Profiles General |
| Type | STRING |

Profile 5
Table 3-2602 Profile 5

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The value of <code>tmnxUserConsoleMemberProfile5</code> specifies a user profile that the user has access to. This profile must be a valid row entry in <code>tmnxUserProfileTable</code> . Each user can access a maximum of 8 user profiles. The value of the n-th user profile can be set only if all previous user profiles (1 through (n-1)) are non-empty strings. The order of the user profiles is important. The first user profile has highest precedence, followed by the second and so on. |
| Displayed name | Profile 5 |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | <code>consoleMemberProfile5</code> |
| Read-only | no |
| Tab Panel | Console Profiles General |
| Type | STRING |

Profile 6**Table 3-2603 Profile 6**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The value of <code>tmnxUserConsoleMemberProfile6</code> specifies a user profile that the user has access to. This profile must be a valid row entry in <code>tmnxUserProfileTable</code> . Each user can access a maximum of 8 user profiles. The value of the n-th user profile can be set only if all previous user profiles (1 through (n-1)) are non-empty strings. The order of the user profiles is important. The first user profile has highest precedence, followed by the second and so on. |
| Displayed name | Profile 6 |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | <code>consoleMemberProfile6</code> |
| Read-only | no |
| Tab Panel | Console Profiles General |
| Type | STRING |

Profile 7**Table 3-2604 Profile 7**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The value of <code>tmnxUserConsoleMemberProfile7</code> specifies a user profile that the user has access to. This profile must be a valid row entry in <code>tmnxUserProfileTable</code> . Each user can access a maximum of 8 user profiles. The value of the n-th user profile can be set only if all previous user profiles (1 through (n-1)) are non-empty strings. The order of the user profiles is important. The first user profile has highest precedence, followed by the second and so on. |
| Displayed name | Profile 7 |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | <code>consoleMemberProfile7</code> |
| Read-only | no |
| Tab Panel | Console Profiles General |
| Type | STRING |

Profile 8**Table 3-2605 Profile 8**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The value of <code>tmnxUserConsoleMemberProfile8</code> specifies a user profile that the user has access to. This profile must be a valid row entry in <code>tmnxUserProfileTable</code> . Each user can access a maximum of 8 user profiles. The value of the n-th user profile can be set only if all previous user profiles (1 through (n-1)) are non-empty strings. The order of the user profiles is important. The first user profile has highest precedence, followed by the second and so on. |
| Displayed name | Profile 8 |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | <code>consoleMemberProfile8</code> |
| Read-only | no |
| Tab Panel | Console Profiles General |
| Type | STRING |

Restrict to Home

Table 3-2606 Restrict to Home

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | When the value of tmnxUserRestrictedToHome is 'true', the user is not allowed to navigate to directories above his home directory for file access. When the value of tmnxUserRestrictedToHome is 'false', the user is allowed access to directories above his home directory. |
| Displayed name | Restrict to Home |
| OSS name | isRestrictedToHome |
| Read-only | no |
| Tab Panel | General File System Permissions |
| Type | generic.TruthValue |

Session Inactivity Timeout

Table 3-2607 Session Inactivity Timeout

| Name | Value |
|----------------|---------------------------------|
| Default | yes:0 |
| Displayed name | Session Inactivity Timeout |
| Maximum | 999 |
| Minimum | 0 |
| OSS name | sessionInactivityTimeout |
| Read-only | no |
| Tab Panel | General PSS Specific Attributes |
| Type | INT |
| Units | minutes |

Site ID

Table 3-2608 Site ID

| Name | Value |
|----------------|-------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |

Table 3-2608 Site ID (continued)

| Name | Value |
|-------------|--------------|
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-2609 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Status**Table 3-2610 Status**

| Name | Value |
|--------------------------|---------------------------------|
| Default | yes:enabled |
| Displayed name | Status |
| OSS name | rowStatus |
| Read-only | no |
| Tab Panel | General PSS Specific Attributes |
| Type | RowStatus |
| Enumerated types: | |
| Disabled | |
| Enabled | |

Status
Table 3-2611 Status

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:enabled |
| Displayed name | Status |
| OSS name | snmpRowStatus |
| Read-only | no |
| Tab Panel | SNMPv3 PSS Specific Attributes |
| Type | RowStatus |
| Enumerated types: | |
| | Disabled |
| | Enabled |

Successful Logins**Table 3-2612 Successful Logins**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The value of successfulLogins indicates the number of times the user has successfully logged in. |
| Displayed name | Successful Logins |
| OSS name | successfulLogins |
| Read-only | yes |
| Tab Panel | Statistics General |
| Type | LONG |

User Name**Table 3-2613 User Name**

| Name | Value |
|-----------------------|-----------|
| Default | yes: |
| Displayed name | User Name |
| Mandatory on creation | yes |
| Maximum | 80 |
| Minimum | 0 |

Table 3-2613 User Name (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Network Element parameters

Active Management IP

Table 3-2614 Active Management IP

| Name | Value |
|--------------------------|--|
| Default | yes:outband |
| Displayed name | Active Management IP |
| OSS name | activeManagementIp |
| Read-only | no |
| Tab Panel | Polling.Management Management Preference |
| Type | PollingMode |
| Enumerated types: | |
| In Band | |
| Out Of Band | |
| Primary | |
| Secondary | |

Active Management IP

Table 3-2615 Active Management IP

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | Starting in 8.0R1 the initial value for this attribute is always the discovery address which is considered to be the initial management address. If the node's active management IP will change this attribute will be populated with the new management IP. The following scenarios are applicable: - changing the management IP from Out Of Band to Inband and vice-versa - changing the IP address for the active management IP |
| Displayed name | Active Management IP |

Table 3-2615 Active Management IP (continued)

| Name | Value |
|-----------------------|-----------------|
| Mandatory on creation | yes |
| OSS name | ipAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Advertise Message**Table 3-2616 Advertise Message**

| Name | Value |
|--------------------------|---|
| Default | no |
| Description | The value of dhcp6AdvertiseMessage specifies the composition of DHCPv6 Advertise Messages in case a DHCP6 application in this system will not assign any addresses to any Identity Association (IA) in a subsequent Request from the client. DHCP6 applications in this system are Relay, Server, Enhanced Subscriber Management (ESM) Proxy and ESM Relay. By default, a DHCP6 application in this system will send an Advertise message to the client that includes the IA containing a Status Code option with status code 'NoAddrsAvail', as specified in Errata 2472. If the bit corresponding to a DHCP6 application is set, that application will send an Advertise message to the client that includes only a Status Code option with code 'NoAddrsAvail'. This system will refuse bit combinations that are not supported: the 'esmRelay' and 'server' bits must be toggled together, and the 'esmProxy' and 'relay' bits are read-only. |
| Displayed name | Advertise Message |
| OSS name | dhcp6AdvertiseMessage |
| Read-only | no |
| Tab Panel | Globals.Subscriber Management DHCPv6 |
| Type | Dhcp6AdvertiseMessage |
| Enumerated types: | |
| ESM Proxy | |
| ESM Relay | |
| Relay | |
| Server | |

Aggregate Rate**Table 3-2617 Aggregate Rate**

| Name | Value |
|----------------|--|
| Default | yes:500000 |
| Description | System-wide aggregate rate to be applied to Access Ingress of every MDA. aluSystemAccessIngAggrRate is only supported on Alcatel-lucent SAR-M. It is set to 0 on other platforms, indicating it's not applicable, and it's not changeable. |
| Displayed name | Aggregate Rate |
| Maximum | 2500000 |
| Minimum | 1 |
| OSS name | accessIngressAggrRate |
| Read-only | no |
| Tab Panel | QoS Access Ingress |
| Type | INT |

Aggregate Rate**Table 3-2618 Aggregate Rate**

| Name | Value |
|----------------|--|
| Default | yes:2000000 |
| Description | System-wide aggregate rate to be applied to Network Ingress of every MDA in the system. aluSystemNetworkIngAggrRate is only supported on Alcatel-lucent SAR-M. It is set to 0 on other platforms, indicating it's not applicable, and it's not changeable. |
| Displayed name | Aggregate Rate |
| Maximum | 2500000 |
| Minimum | 1 |
| OSS name | networkIngressAggrRate |
| Read-only | no |
| Tab Panel | QoS Network Ingress |
| Type | INT |

Alarm Management**Table 3-2619 Alarm Management**

| Name | Value |
|---------|-------------|
| Default | yes:enabled |

Table 3-2619 Alarm Management (continued)

| Name | Value |
|--------------------------|--|
| Description | The alarmAdminStatus specifies whether or not alarm management is operationally 'enabled(1)' on the system, or 'disabled(2).' This is a system-wide configuration. |
| Displayed name | Alarm Management |
| OSS name | alarmAdminStatus |
| Read-only | no |
| Tab Panel | Globals.Alarm Management General |
| Type | AlarmMgmtEnableDisable |
| Enumerated types: | |
| | Disabled |
| | Enabled |

Alternate Element Manager**Table 3-2620 Alternate Element Manager**

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | It is used to specify the command for the NE for the alternate element management application. The IP address can be identified as a tag in the URL with %IP%. |
| Displayed name | Alternate Element Manager |
| Maximum | 500 |
| OSS name | elementManagerCmd |
| Read-only | no |
| Tab Panel | General Generic NE |
| Type | STRING |

ASON Domain ID**Table 3-2621 ASON Domain ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Description | ASON domain ID. |
| Displayed name | ASON Domain ID |
| OSS name | asonDomainId |
| Read-only | yes |

Table 3-2621 ASON Domain ID (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | LONG |

Assigned Event Notification Policy**Table 3-2622 Assigned Event Notification Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the Even Notification Policy applicable on this Network Element. If unchanged, the default Policy applicable to the respective silo will be applied. |
| Displayed name | Assigned Event Notification Policy |
| OSS name | eventNotificationPolicyPointer |
| Read-only | no |
| Tab Panel | Polling.General General |
| Type | POINTER |

ATM OAM Loopback Location ID**Table 3-2623 ATM OAM Loopback Location ID**

| Name | Value |
|----------------|---|
| Default | yes:01:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00 |
| Displayed name | ATM OAM Loopback Location ID |
| Maximum | 47 |
| Minimum | 0 |
| OSS name | atmOamLoopbackLocationId |
| Read-only | no |
| Tab Panel | ATM ATM OAM |
| Type | STRING |

ATM OAM Loopback Period**Table 3-2624 ATM OAM Loopback Period**

| Name | Value |
|----------------|-------------------------|
| Default | yes:10 |
| Displayed name | ATM OAM Loopback Period |
| Maximum | 40 |
| Minimum | 1 |
| OSS name | atmOamLoopbackPeriod |
| Read-only | no |
| Tab Panel | ATM ATM OAM |
| Type | INT |
| Units | seconds |

Auto Revert to Preferred**Table 3-2625 Auto Revert to Preferred**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Auto Revert to Preferred |
| OSS name | isMgmtIpAutoRevertive |
| Read-only | no |
| Tab Panel | Polling.Management Management Preference |
| Type | BOOL |

Bandwidth Policy**Table 3-2626 Bandwidth Policy**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes: |
| Displayed name | Bandwidth Policy |
| OSS name | mpBwObjectPointer |
| Read-only | no |
| Tab Panel | Globals.Multipoint Management General |
| Type | POINTER |

Chassis Topology

Table 3-2627 Chassis Topology

| Name | Value |
|--------------------------|---------------------|
| Default | yes:standalone |
| Displayed name | Chassis Topology |
| OSS name | chassisTopology |
| Read-only | yes |
| Tab Panel | General General |
| Type | ChassisOperTopology |
| Enumerated types: | |
| AOS Virtual Chassis | |
| Extended (XRS-40) | |
| Standalone | |

Chassis Type

Table 3-2628 Chassis Type

| Name | Value |
|----------------|---------------------|
| Default | yes:unknownShelf |
| Displayed name | Chassis Type |
| OSS name | chassisType |
| Read-only | yes |
| Tab Panel | General General |
| Type | equipment.ShelfType |

Chassis Type Description

Table 3-2629 Chassis Type Description

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Chassis Type Description |
| Maximum | 255 |
| OSS name | chassisTypeDescription |
| Read-only | yes |
| Tab Panel | General General |

Table 3-2629 Chassis Type Description (continued)

| Name | Value |
|------|--------|
| Type | STRING |

Command Mode**Table 3-2630 Command Mode**

| Name | Value |
|--------------------------|-----------------|
| Default | yes:normal |
| Displayed name | Command Mode |
| OSS name | commandMode |
| Read-only | no |
| Tab Panel | General General |
| Type | CommandModeType |
| Enumerated types: | |
| Forced | |
| Normal | |

Concurrent Active Session Count**Table 3-2631 Concurrent Active Session Count**

| Name | Value |
|----------------|---------------------------------|
| Displayed name | Concurrent Active Session Count |
| OSS name | secActiveSessionCount |
| Read-only | no |
| Tab Panel | Security General |
| Type | LONG |

Concurrent Active Session Limit**Table 3-2632 Concurrent Active Session Limit**

| Name | Value |
|----------------|---------------------------------|
| Displayed name | Concurrent Active Session Limit |
| OSS name | secActiveSessionLimit |
| Read-only | no |

Table 3-2632 Concurrent Active Session Limit (continued)

| Name | Value |
|-------------|------------------|
| Tab Panel | Security General |
| Type | LONG |

Config File Status**Table 3-2633 Config File Status**

| Name | Value |
|----------------|---|
| Default | yes:unspecified |
| Displayed name | Config File Status |
| OSS name | configFileStatus |
| Read-only | yes |
| Tab Panel | Polling.General Boot Configuration Status |
| Type | INT |

Console Alarm Input**Table 3-2634 Console Alarm Input**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether or not the console port is enabled for dry contact alarm sensors. You must enable the parameter to configure dry contacts. The console port is not available for other purposes when the parameter is enabled |
| Displayed name | Console Alarm Input |
| OSS name | consoleAlarmInput |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Custom Property 1**Table 3-2635 Custom Property 1**

| Name | Value |
|---------|---------|
| Default | yes:N/A |

Table 3-2635 Custom Property 1 (continued)

| Name | Value |
|----------------|---|
| Description | The label for the network element Custom Property 1 can be modified using the System Preferences form on the 5620 SAM GUI. If you use XML, always use the attribute name "customProperty1". |
| Displayed name | Custom Property 1 |
| Maximum | 80 |
| OSS name | customProperty1 |
| Read-only | no |
| Tab Panel | General Custom Properties |
| Type | STRING |

Custom Property 2**Table 3-2636 Custom Property 2**

| Name | Value |
|----------------|---|
| Default | yes:N/A |
| Description | The label for the network element Custom Property 2 can be modified using the System Preferences form on the 5620 SAM GUI. If you use XML, always use the attribute name "customProperty2". |
| Displayed name | Custom Property 2 |
| Maximum | 80 |
| OSS name | customProperty2 |
| Read-only | no |
| Tab Panel | General Custom Properties |
| Type | STRING |

Custom Property 3**Table 3-2637 Custom Property 3**

| Name | Value |
|----------------|---|
| Default | yes:N/A |
| Description | The label for the network element Custom Property 3 can be modified using the System Preferences form on the 5620 SAM GUI. If you use XML, always use the attribute name "customProperty3". |
| Displayed name | Custom Property 3 |
| Maximum | 80 |

Table 3-2637 Custom Property 3 (continued)

| Name | Value |
|-------------|---------------------------|
| OSS name | customProperty3 |
| Read-only | no |
| Tab Panel | General Custom Properties |
| Type | STRING |

Descriptor Version**Table 3-2638 Descriptor Version**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Indicate the descriptor version (nodal communication + feature availability + capability) used by this Network Element. |
| Displayed name | Descriptor Version |
| Maximum | 255 |
| OSS name | descriptorVersion |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

DNS Domain**Table 3-2639 DNS Domain**

| Name | Value |
|----------------|-----------------------------------|
| Displayed name | DNS Domain |
| Maximum | 252 |
| OSS name | sbiDnsDomain |
| Read-only | no |
| Tab Panel | Polling.General Bof Configuration |
| Type | STRING |

Element Management URL
Table 3-2640 Element Management URL

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | It is used to specify the URL for the NE for element management. The IP address can be identified as a tag in the URL with %IP%. |
| Displayed name | Element Management URL |
| Maximum | 500 |
| OSS name | elementManagerUrl |
| Read-only | no |
| Tab Panel | General Generic NE |
| Type | STRING |

Enable Auto Route Distinguisher**Table 3-2641 Enable Auto Route Distinguisher**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether BGP Auto RD is enabled in the system. |
| Displayed name | Enable Auto Route Distinguisher |
| OSS name | svcBgpAutoRDEnabled |
| Read-only | no |
| Tab Panel | Globals.Service.BGP.General General |
| Type | BOOL |

Enable L3 Management Interface**Table 3-2642 Enable L3 Management Interface**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:false |
| Displayed name | Enable L3 Management Interface |
| OSS name | isL3MgmtItfEnabled |
| Read-only | no |
| Tab Panel | Polling.Management In Band |
| Type | BOOL |

Enable Q in Q Untagged Sap**Table 3-2643 Enable Q in Q Untagged Sap**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | The value of qinqUntaggedSap controls the forwarding of packets on a QinQ X.0 access SAP. When qinqUntaggedSap is set to true, the SAP will only accept: - frames with a single tag matching the SAP's outer tag or, - frames with double tag where the outer tag matches the SAP's outer tag and inner tag is set to 0. When qinqUntaggedSap is set to false, forwarding of packets remains unchanged. |
| Displayed name | Enable Q in Q Untagged Sap |
| OSS name | qinqUntaggedSap |
| Read-only | no |
| Tab Panel | Globals.Ethernet General |
| Type | BOOL |

Enable SNMP Streaming**Table 3-2644 Enable SNMP Streaming**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Enable SNMP Streaming |
| OSS name | snmpStreamEnable |
| Read-only | no |
| Tab Panel | Polling.Management Management Preference |
| Type | BOOL |

End**Table 3-2645 End**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the end of the the BGP route-distinguisher community value range. Value of svcBgpAutoRDType1CommValEnd must be same or larger of the value of svcBgpAutoRDType1CommValStart |
| Displayed name | End |
| Maximum | 65535 |
| Minimum | 0 |

Table 3-2645 End (continued)

| Name | Value |
|-------------|--|
| OSS name | svcBgpAutoRDType1CommValEnd |
| Read-only | no |
| Tab Panel | Globals.Service.BGP.General Auto Route Distinguisher CommRange |
| Type | LONG |

eNodeB Equipment**Table 3-2646 eNodeB Equipment**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the equipment on this Network Element. |
| Displayed name | eNodeB Equipment |
| OSS name | equipmentPointer |
| Read-only | no |
| Tab Panel | General ENB Base Configuration |
| Type | POINTER |

External EMS**Table 3-2647 External EMS**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the local installation path of an external EM application on a client or client delegate server station. |
| Displayed name | External EMS |
| Maximum | 500 |
| OSS name | externalEms |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Feeder Port
Table 3-2648 Feeder Port

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The port to be used to feed the test traffic only to generator port of a group. If the feeder port value is zero, it implies that feeder port is not created in the system. Applicable to AOS 6250 Metro nodes |
| Displayed name | Feeder Port |
| OSS name | feederPort |
| Read-only | no |
| Tab Panel | Globals.AOS OAM General |
| Type | POINTER |

Global RADIUS Operational State**Table 3-2649 Global RADIUS Operational State**

| Name | Value |
|----------------|----------------------------------|
| Default | no |
| Displayed name | Global RADIUS Operational State |
| OSS name | radiusOperState |
| Read-only | no |
| Tab Panel | Globals.RADIUS NE Authentication |
| Type | INT |

Hi-Water-Mark**Table 3-2650 Hi-Water-Mark**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Displayed name | Hi-Water-Mark |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | secActiveSessionHiWtrMrk |
| Read-only | no |
| Tab Panel | Security Water Mark Settings (Active Sessions) |

Table 3-2650 Hi-Water-Mark (continued)

| Name | Value |
|-------|-------|
| Type | LONG |
| Units | % |

Id-Permission**Table 3-2651 Id-Permission**

| Name | Value |
|----------------|--|
| Default | yes:sendIdNone |
| Description | Enumerated value indicating what, if anything, is to be included in the Sender ID TLV (21.5.3) transmitted by MHFs created by the Default Maintenance Domain, for each dot1agCfmDefaultMdEntry whose dot1agCfmDefaultMdIdPermission object contains the value sendIdDefer. Since, in this variable, there is no encompassing Maintenance Domain, the value sendIdDefer is not allowed. After this initialization, this object needs to be persistent upon reboot or restart of a device. |
| Displayed name | Id-Permission |
| OSS name | mhfIdPermission |
| Read-only | no |
| Tab Panel | Globals.CFM Default Maintenance Domain |
| Type | ethernetoam.Dot1agCfmIdPermissionEnum |

IP Address**Table 3-2652 IP Address**

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | Indicates IP address to be used for selecting route-distinguisher value in the system. |
| Displayed name | IP Address |
| OSS name | svcBgpAutoRDType1IpAddr |
| Read-only | no |
| Tab Panel | Globals.Service.BGP.General Auto Route Distinguisher |
| Type | INETADDR |

IP Load Balancing
Table 3-2653 IP Load Balancing

| Name | Value |
|--------------------------|---|
| Default | yes:standard |
| Description | The value of <code>tmnxIpLoadBalancing</code> specifies whether or not this node's system IP address is used in the final stage of the load balancing (hashing) algorithm used to choose the LAG member or ECMP route for an outbound packet. If 'systemIp' is selected, this node's system IP address (i.e. <code>TIMETRA-VRTR-MIB::vRiaIpAddress.1.1.1</code>) is used in the final stage of the LAG and ECMP load balancing algorithm. 'systemIp' is supported on <code>iom3-xp</code> IOMs, equivalent IMM, and newer IOM and IMM types. When older IOMs/IMMs are present in a system which has 'systemIp' configured, the older IOMs operate in 'standard' mode. If 'standard' is selected, this node's system IP address is not used in the final stage of the LAG and ECMP load balancing algorithm. 'standard' is supported on all IOM and IMM types. The earlier stages of the load balancing algorithm are controlled by <code>tmnxL4LoadBalancing</code> and <code>tmnxLsrIpLoadBalancing</code> (when applicable). |
| Displayed name | IP Load Balancing |
| OSS name | <code>ipLoadBalancing</code> |
| Read-only | no |
| Tab Panel | Globals.Load Balancing General |
| Type | <code>IpLoadBalancing</code> |
| Enumerated types: | |
| | Standard |
| | System IP |

IP Next Hop Limit**Table 3-2654 IP Next Hop Limit**

| Name | Value |
|----------------|---|
| Default | yes:16383 |
| Description | This value specifies the maximum number of IP next-hop entries available for subscriber management host's managed routes. |
| Displayed name | IP Next Hop Limit |
| Maximum | 16383 |
| Minimum | 0 |
| OSS name | <code>subSysNextHopLimit</code> |
| Read-only | no |
| Tab Panel | Globals.Subscriber Management General |
| Type | LONG |

IP Next Hop Usage High

Table 3-2655 IP Next Hop Usage High

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This value indicates if the IP next-hop usage is near the limit specified with the value of subSysNextHopLimit. |
| Displayed name | IP Next Hop Usage High |
| OSS name | subSysNextHopUsageHigh |
| Read-only | yes |
| Tab Panel | Globals.Subscriber Management General |
| Type | BOOL |

L3 Management Interface

Table 3-2656 L3 Management Interface

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | The L3 network interface or IES used to manage the node. |
| Displayed name | L3 Management Interface |
| OSS name | inBandL3ManagementIf |
| Read-only | no |
| Tab Panel | Polling.Management In Band |
| Type | INETADDR |

L4 Load Balancing

Table 3-2657 L4 Load Balancing

| Name | Value |
|----------------|--------------------------------|
| Default | yes:false |
| Displayed name | L4 Load Balancing |
| OSS name | l4LoadBalancing |
| Read-only | no |
| Tab Panel | Globals.Load Balancing General |
| Type | BOOL |

Last Resync End Time

Table 3-2658 Last Resync End Time

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | Last Resync End Time |
| OSS name | lastTimeResyncEnded |
| Read-only | yes |
| Tab Panel | Polling.General General |
| Type | DATE |

Last Resync Start Time

Table 3-2659 Last Resync Start Time

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | Last Resync Start Time |
| OSS name | lastTimeResyncStarted |
| Read-only | yes |
| Tab Panel | Polling.General General |
| Type | DATE |

Last Saved Result

Table 3-2660 Last Saved Result

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | This value indicates the result of the last saved Deterministic NAT script result action. |
| Displayed name | Last Saved Result |
| OSS name | natDetScriptSaveResult |
| Read-only | yes |
| Tab Panel | Globals.Subscriber Management NAT Deterministic Script |
| Type | NatDetScriptSaveResult |
| Enumerated types: | |
| | Failed |
| | In Progress |

Table 3-2660 Last Saved Result (continued)

| Name | Value |
|---------|-------|
| None | |
| Success | |

Last Saved Time**Table 3-2661 Last Saved Time**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | This value indicates when the Deterministic NAT script was last saved successfully. |
| Displayed name | Last Saved Time |
| OSS name | natDetScriptSaveTime |
| Read-only | yes |
| Tab Panel | Globals.Subscriber Management NAT Deterministic Script |
| Type | DATE |

Last Scheduled Resync End Time**Table 3-2662 Last Scheduled Resync End Time**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:0 |
| Displayed name | Last Scheduled Resync End Time |
| OSS name | lastTimeScheduledResyncEnded |
| Read-only | yes |
| Tab Panel | Polling.General General |
| Type | DATE |

Last Scheduled Resync Start Time**Table 3-2663 Last Scheduled Resync Start Time**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Last Scheduled Resync Start Time |
| OSS name | lastTimeScheduledResyncStarted |

Table 3-2663 Last Scheduled Resync Start Time (continued)

| Name | Value |
|-------------|-------------------------|
| Read-only | yes |
| Tab Panel | Polling.General General |
| Type | DATE |

Latitude(degrees)**Table 3-2664 Latitude(degrees)**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The latitude of the node location in degrees. |
| Displayed name | Latitude(degrees) |
| Maximum | 90 |
| Minimum | -90 |
| OSS name | latitudeInDegrees |
| Read-only | no |
| Tab Panel | General Latitude/Longitude Configuration |
| Type | FLOAT |

Level**Table 3-2665 Level**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | A value indicating the MD Level at which MHFs are to be created, and Sender ID TLV transmission by those MHFs is to be controlled, for each dot1agCfmDefaultMdEntry whose dot1agCfmDefaultMdLevel object contains the value -1. After this initialization, this object needs to be persistent upon reboot or restart of a device. |
| Displayed name | Level |
| Maximum | 7 |
| Minimum | 0 |
| OSS name | maintDomainLevel |
| Read-only | no |
| Tab Panel | Globals.CFM Default Maintenance Domain |
| Type | INT |

LI Local Save Allowed**Table 3-2666 LI Local Save Allowed**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Admin value of li-local-save. Specifies whether or not Lawful Intercept (LI) configuration is allowed to be save to a local file. A change to the value of this object does not take affect until the system is rebooted. |
| Displayed name | LI Local Save Allowed |
| OSS name | liLocalSaveAdmin |
| Read-only | no |
| Tab Panel | Polling.General Bof Configuration |
| Type | generic.TruthValue |

Location**Table 3-2667 Location**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Location |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | location |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Longitude(degrees)**Table 3-2668 Longitude(degrees)**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The longitude of the node location in degrees. |
| Displayed name | Longitude(degrees) |
| Maximum | 180 |
| Minimum | -180 |

Table 3-2668 Longitude(degrees) (continued)

| Name | Value |
|-------------|--|
| OSS name | longitudeInDegrees |
| Read-only | no |
| Tab Panel | General Latitude/Longitude Configuration |
| Type | FLOAT |

Low-Water-Mark**Table 3-2669 Low-Water-Mark**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Displayed name | Low-Water-Mark |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | secActiveSessionLoWtrMrk |
| Read-only | no |
| Tab Panel | Security Water Mark Settings (Active Sessions) |
| Type | LONG |
| Units | % |

LSR IP Load Balancing**Table 3-2670 LSR IP Load Balancing**

| Name | Value |
|----------------|--|
| Default | yes:label_only |
| Description | The value of lsrIpLoadBalancing specifies whether the IP Header is used in the LAG and ECMP LSR hashing algorithm. This is the global system setting that all ports will inherit. When set to 'label_only' only the label is used in the hashing algorithm. When set to 'label_ip', the IP Header is included in the hashing algorithm. When set to 'ip_only' the IP Header is used exclusively in the hashing Algorithm. When set to 'ethEncapIP' the IP SA/DA fields is used in the hashing Algorithm. |
| Displayed name | LSR IP Load Balancing |
| OSS name | lsrIpLoadBalancing |
| Read-only | no |
| Tab Panel | Globals.Load Balancing General |
| Type | LsrIpLoadBalancing |

Table 3-2670 LSR IP Load Balancing (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Ethernet Encapsulated IP | |
| IP Only | |
| Label IP | |
| Label Only | |

MAC Notification Count**Table 3-2671 MAC Notification Count**

| Name | Value |
|----------------|--|
| Default | yes:3 |
| Description | The value of macNotifCount specifies number of MAC notification messages to be sent. |
| Displayed name | MAC Notification Count |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | macNotifCount |
| Read-only | no |
| Tab Panel | Globals.Service.General General |
| Type | INT |
| Units | deciseconds |

MAC Notification Interval**Table 3-2672 MAC Notification Interval**

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | The value of macNotifInterval specifies time-interval between subsequent MAC notification messages. |
| Displayed name | MAC Notification Interval |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | macNotifInterval |
| Read-only | no |

Table 3-2672 MAC Notification Interval (continued)

| Name | Value |
|-------------|---------------------------------|
| Tab Panel | Globals.Service.General General |
| Type | INT |
| Units | deciseconds |

MAC-Swap Port**Table 3-2673 MAC-Swap Port**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The port to be used for loopback and hence cannot be used as a SAP. |
| Displayed name | MAC-Swap Port |
| OSS name | noServicePort |
| Read-only | no |
| Tab Panel | Globals.Service.General Loopback No Service Ports |
| Type | POINTER |

Management IP Address**Table 3-2674 Management IP Address**

| Name | Value |
|-----------------------|---|
| Default | yes:0.0.0.0 |
| Description | This represents the NE's management port address. |
| Displayed name | Management IP Address |
| Mandatory on creation | yes |
| Maximum | 50 |
| OSS name | outOfBandAddress |
| Read-only | no |
| Tab Panel | Polling.Management Out Of Band |
| Type | STRING |

Management IP Selection
Table 3-2675 Management IP Selection

| Name | Value |
|--------------------------|--|
| Default | yes:outbandOnly |
| Displayed name | Management IP Selection |
| OSS name | mgmtIpRule |
| Read-only | no |
| Tab Panel | Polling.Management Management Preference |
| Type | PollingRule |
| Enumerated types: | |
| In Band Only | |
| In Band Preferred | |
| Out Of Band Only | |
| Out Of Band Preferred | |
| Primary Only | |
| Primary Preferred | |
| Secondary Only | |
| Secondary Preferred | |

Maximum Cleared Alarms**Table 3-2676 Maximum Cleared Alarms**

| Name | Value |
|----------------|--|
| Default | yes:500 |
| Description | This attribute specifies the maximum number of cleared alarms to store in the alarmClearTable. When this number is reached, the cleared alarms with the earliest clear time will be removed from the table |
| Displayed name | Maximum Cleared Alarms |
| Maximum | 500 |
| Minimum | 0 |
| OSS name | maxClearedAlarms |
| Read-only | no |
| Tab Panel | Globals.Alarm Management General |
| Type | INT |

MHF-Creation**Table 3-2677 MHF-Creation**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | A value indicating if the Management entity can create MHFs (MIP Half Function) for the VID, for each dot1agCfmDefaultMdEntry whose dot1agCfmDefaultMdMhfCreation object contains the value defMHFdefer. Since, in this variable, there is no encompassing Maintenance Domain, the value defMHFdefer is not allowed. After this initialization, this object needs to be persistent upon reboot or restart of a device. |
| Displayed name | MHF-Creation |
| OSS name | mhfCreation |
| Read-only | no |
| Tab Panel | Globals.CFM Default Maintenance Domain |
| Type | ethernetoam.MhfCreationEnum |

Mirror Port**Table 3-2678 Mirror Port**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | This port is used for dot1Q mirroring. |
| Displayed name | Mirror Port |
| OSS name | mirrorPort |
| Read-only | no |
| Tab Panel | Globals.Service.General Loopback No Service Ports |
| Type | POINTER |

Multicast Enhanced Load Balancing**Table 3-2679 Multicast Enhanced Load Balancing**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:false |
| Displayed name | Multicast Enhanced Load Balancing |
| OSS name | mcEnhLoadBal |
| Read-only | no |
| Tab Panel | Globals.Load Balancing General |

Table 3-2679 Multicast Enhanced Load Balancing (continued)

| Name | Value |
|------|--------------------|
| Type | generic.TruthValue |

Name**Table 3-2680 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

NTP State**Table 3-2681 NTP State**

| Name | Value |
|----------------|---------------|
| Default | yes:delete |
| Displayed name | NTP State |
| OSS name | ntpStatus |
| Read-only | no |
| Tab Panel | General NTP |
| Type | ntp.NtpStatus |

Number of Tries For Down State**Table 3-2682 Number of Tries For Down State**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:4 |
| Displayed name | Number of Tries For Down State |
| Maximum | 10 |
| Minimum | 0 |

Table 3-2682 Number of Tries For Down State (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | atmOamRetryDown |
| Read-only | no |
| Tab Panel | ATM ATM OAM |
| Type | INT |

Number of Tries For Up State**Table 3-2683 Number of Tries For Up State**

| Name | Value |
|----------------|------------------------------|
| Default | yes:2 |
| Displayed name | Number of Tries For Up State |
| Maximum | 10 |
| Minimum | 0 |
| OSS name | atmOamRetryUp |
| Read-only | no |
| Tab Panel | ATM ATM OAM |
| Type | INT |

Operational State Transition Interval**Table 3-2684 Operational State Transition Interval**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the system-wide interval (in seconds) for which a BFD session on an interface transitions from Up to Down and back to Up. A BFD Session Flapped alarm will be raised. This value can be overridden on a per-interface basis. |
| Displayed name | Operational State Transition Interval |
| Maximum | 30 |
| Minimum | 0 |
| OSS name | sysBfdFlapInterval |
| Read-only | no |
| Tab Panel | Globals.BFD General |
| Type | INT |
| Units | seconds |

PBB Source Backbone MAC Address
Table 3-2685 PBB Source Backbone MAC Address

| Name | Value |
|----------------|---|
| Default | yes:00-00-00-00-00-00 |
| Description | The value of svcPbbSrcBVplsMacAddr specifies the source Backbone MAC-Address to be used for Provider Backbone Bridging (PBB) packets. Value of default for this object indicates that chassis MAC address will be used for PBB packets. |
| Displayed name | PBB Source Backbone MAC Address |
| OSS name | pbbSrcBVplsMacAddr |
| Read-only | no |
| Tab Panel | Globals.Service.General General |
| Type | MACADDR |

Persistent Index Status**Table 3-2686 Persistent Index Status**

| Name | Value |
|----------------|---|
| Default | yes:unspecified |
| Displayed name | Persistent Index Status |
| OSS name | persistentIndexStatus |
| Read-only | yes |
| Tab Panel | Polling.General Boot Configuration Status |
| Type | INT |

Persistent SNMP Indices**Table 3-2687 Persistent SNMP Indices**

| Name | Value |
|----------------|-------------------------|
| Default | yes:true |
| Displayed name | Persistent SNMP Indices |
| OSS name | persistentSnmpIndices |
| Read-only | no |
| Tab Panel | Polling.General General |
| Type | generic.TruthValue |

Policy Count
Table 3-2688 Policy Count

| Name | Value |
|----------------|------------------|
| Displayed name | Policy Count |
| OSS name | secPlyCount |
| Read-only | no |
| Tab Panel | Security General |
| Type | LONG |

PPS Message Type**Table 3-2689 PPS Message Type**

| Name | Value |
|--------------------------|---|
| Default | yes:0 |
| Description | The todPpsMessageType indicated the message type that is sent after the 1 second pulse. |
| Displayed name | PPS Message Type |
| OSS name | todPpsMessageType |
| Read-only | no |
| Tab Panel | General Time Of Day |
| Type | TodMessageType |
| Enumerated types: | |
| Cm | |
| Ct | |
| IRIGB 002-122 | |
| IRIGB 003-123 | |
| IRIGB 006-126 | |
| IRIGB 007-127 | |
| Unknown | |

PPS Output**Table 3-2690 PPS Output**

| Name | Value |
|-------------|---|
| Default | yes:3 |
| Description | The admin state of the Time Of Day - 1 Pulse Per Second (TOD-1PPS) output port. |

Table 3-2690 PPS Output (continued)

| Name | Value |
|--------------------------|------------------------|
| Displayed name | PPS Output |
| OSS name | todPpsOutput |
| Read-only | no |
| Tab Panel | General Time Of Day |
| Type | TodAdministrativeState |
| Enumerated types: | |
| Down | |
| Not Operational | |
| Up | |

Primary DNS

Table 3-2691 Primary DNS

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Primary DNS |
| OSS name | sbiPrimaryDns |
| Read-only | no |
| Tab Panel | Polling.General Bof Configuration |
| Type | INETADDR |

Primary Route Preference

Table 3-2692 Primary Route Preference

| Name | Value |
|----------------|--|
| Default | yes:outband |
| Description | The value of <code>tmnxEventPrimaryRoutePref</code> specifies the primary routing preference for traffic generated for SNMP notifications and syslog messages. A value of 'inband' specifies that the Logging utility will attempt to use the Base routing context to send SNMP notifications and syslog messages to remote destinations. A value of 'outband' specifies that the Logging utility will attempt to use the management routing context to send SNMP notifications and syslog messages to remote destinations. If the remote destination, as specified by <code>tmnxStdDestAddr</code> or <code>tmnxSyslogTargetAddr</code> , is not reachable via the routing context specified by <code>tmnxEventPrimaryRoutePref</code> , the secondary routing preference as specified by <code>tmnxEventSecondaryRoutePref</code> will be attempted. |
| Displayed name | Primary Route Preference |

Table 3-2692 Primary Route Preference (continued)

| Name | Value |
|-------------|---|
| OSS name | primaryRoutePreference |
| Read-only | no |
| Tab Panel | Polling.Management Notifications Preferred Management |
| Type | netw.PrimaryEventRoutePreference |

Product Definition**Table 3-2693 Product Definition**

| Name | Value |
|----------------|-------------------------|
| Default | yes:N/A |
| Displayed name | Product Definition |
| OSS name | genericNeProfilePointer |
| Read-only | yes |
| Tab Panel | General Generic NE |
| Type | POINTER |

Profile Count**Table 3-2694 Profile Count**

| Name | Value |
|----------------|------------------|
| Displayed name | Profile Count |
| OSS name | secProfileCount |
| Read-only | no |
| Tab Panel | Security General |
| Type | LONG |

QoS Classification**Table 3-2695 QoS Classification**

| Name | Value |
|----------------|--------------------------|
| Default | yes:Disabled |
| Displayed name | QoS Classification |
| OSS name | inFlowClassificationMode |

Table 3-2695 QoS Classification (continued)

| Name | Value |
|--------------------------|------------------------|
| Read-only | no |
| Tab Panel | QoS Quality of Service |
| Type | QoSClassification |
| Enumerated types: | |
| 802.1p | |
| DiffServ | |
| Disabled | |

RADIUS CoA Port**Table 3-2696 RADIUS CoA Port**

| Name | Value |
|--------------------------|--|
| Default | yes:3799 |
| Description | The RADIUS CoA Port parameter specifies the UDP port to receive change of authorization messages. When the routing instance is bound to a RADIUS proxy server and the RADIUS CoA port is set to 1812, all CoA messages will be received by the RADIUS proxy server and dropped by port 1812. |
| Displayed name | RADIUS CoA Port |
| OSS name | radiusCoAPort |
| Read-only | no |
| Tab Panel | Globals.RADIUS Subscriber AAA Configuration |
| Type | RadiusCoAPortType |
| Enumerated types: | |
| 1647 | |
| 1700 | |
| 1812 | |
| 3799 | |

Redundant Synchronization Mode**Table 3-2697 Redundant Synchronization Mode**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:none |
| Displayed name | Redundant Synchronization Mode |

Table 3-2697 Redundant Synchronization Mode (continued)

| Name | Value |
|-------------|------------------------------|
| OSS name | redundantSynchronizationMode |
| Read-only | no |
| Tab Panel | Polling.General General |
| Type | INT |

Region**Table 3-2698 Region**

| Name | Value |
|--------------------------|-----------------|
| Displayed name | Region |
| OSS name | region |
| Read-only | no |
| Tab Panel | General General |
| Type | RegionType |
| Enumerated types: | |
| | ANSI |
| | ETSI |

Remote URL**Table 3-2699 Remote URL**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | This value specifies the URL of the Deterministic NAT script that this system generates to allow offline calculation of Deterministic NAT. |
| Displayed name | Remote URL |
| Maximum | 180 |
| Minimum | 0 |
| OSS name | natDetScriptLocation |
| Read-only | no |
| Tab Panel | Globals.Subscriber Management NAT Deterministic Script |
| Type | STRING |

Resource Group ID
Table 3-2700 Resource Group ID

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The resource group that this network element belongs to. This assignment governs which worker pool resources will be used to service this router. |
| Displayed name | Resource Group ID |
| Maximum | 2147483647 |
| Minimum | 0 |
| OSS name | resourceGroupId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Resync Status**Table 3-2701 Resync Status**

| Name | Value |
|--------------------------|-------------------------|
| Default | yes:notAttempted |
| Displayed name | Resync Status |
| OSS name | resyncStatus |
| Read-only | yes |
| Tab Panel | Polling.General General |
| Type | NeResyncStatus |
| Enumerated types: | |
| Full Resync Aborted | |
| Full Resync Done | |
| Full Resync Failed | |
| In Progress | |
| Not Attempted | |
| Partial Resync Done | |
| Partial Resync Failed | |
| Requested | |

Save Needed**Table 3-2702 Save Needed**

| Name | Value |
|--------------------------|--|
| Default | yes:saveNotNeeded |
| Description | This value indicates if the Deterministic NAT map has changed and hence needs to be saved. |
| Displayed name | Save Needed |
| OSS name | natDetScriptSaveNeeded |
| Read-only | yes |
| Tab Panel | Globals.Subscriber Management NAT Deterministic Script |
| Type | NatDetScriptSaveNeeded |
| Enumerated types: | |
| No | |
| Yes | |

Scheduled Polling**Table 3-2703 Scheduled Polling**

| Name | Value |
|----------------|-------------------------|
| Default | yes:enabled |
| Displayed name | Scheduled Polling |
| OSS name | resyncState |
| Read-only | no |
| Tab Panel | Polling.General General |
| Type | INT |

Scheduled Resync Status**Table 3-2704 Scheduled Resync Status**

| Name | Value |
|----------------|-------------------------|
| Default | yes:notAttempted |
| Displayed name | Scheduled Resync Status |
| OSS name | scheduledResyncStatus |
| Read-only | yes |
| Tab Panel | Polling.General General |
| Type | NeScheduledResyncStatus |

Table 3-2704 Scheduled Resync Status (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| In Progress | |
| Not Attempted | |
| Scheduled Resync Done | |
| Scheduled Resync Failed | |

Secondary DNS

Table 3-2705 Secondary DNS

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Secondary DNS |
| OSS name | sbiSecondaryDns |
| Read-only | no |
| Tab Panel | Polling.General Bof Configuration |
| Type | INETADDR |

Secondary Route Preference

Table 3-2706 Secondary Route Preference

| Name | Value |
|----------------|--|
| Default | yes:inband |
| Description | The value of <code>tmnxEventSecondaryRoutePref</code> specifies the secondary routing preference for traffic generated for SNMP notifications and syslog messages. The routing context specified by the <code>tmnxEventSecondaryRoutePref</code> will be attempted if the remote destination was not reachable by the primary routing preference, specified by <code>tmnxEventPrimaryRoutePref</code> . The value specified for <code>tmnxEventSecondaryRoutePref</code> must be distinct from the value for <code>tmnxEventPrimaryRoutePref</code> . A value of 'inband' specifies that the Logging utility will attempt to use the Base routing context to send SNMP notifications and syslog messages to remote destinations. A value of 'outband' specifies that the Logging utility will attempt to use the management routing context to send SNMP notifications and syslog messages to remote destinations. A value of 'none' specifies that no attempt will be made to send SNMP notifications and syslog messages to remote destinations. If the remote destination, as specified by <code>tmnxStdDestAddr</code> or <code>tmnxSyslogTargetAddr</code> , is not reachable via the routing contexts specified by <code>tmnxEventPrimaryRoutePref</code> and <code>tmnxEventSecondaryRoutePref</code> , the Log utility will fail to send SNMP notifications and syslog messages to the remote destination. |
| Displayed name | Secondary Route Preference |

Table 3-2706 Secondary Route Preference (continued)

| Name | Value |
|-------------|---|
| OSS name | secondaryRoutePreference |
| Read-only | no |
| Tab Panel | Polling.Management Notifications Preferred Management |
| Type | netw.SecondaryEventRoutePreference |

Separate LI Administration

Table 3-2707 Separate LI Administration

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Admin value of li-separate. Specifies whether or not a non-LI user has access to Lawful Intercept (LI) information. When the value is 'true', a user who does not have the TMETRA-SECURITY-MIB::tmnxUserAccess 'li' bit set will not be allowed to access CLI or SNMP objects in the 'li' context. A change to the value of this object does not take affect until the system is rebooted. |
| Displayed name | Separate LI Administration |
| OSS name | liSeparateAdmin |
| Read-only | no |
| Tab Panel | Polling.General Bof Configuration |
| Type | generic.TruthValue |

Service ID Lag Hashing

Table 3-2708 Service ID Lag Hashing

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | The value specifies how the node distributes LAG link traffic in a VLL service when both ECMP and LAG load balancing are performed. The default value, 'false (1)', preserves the behaviour prior to the introduction of this object: the ingress IOM will select one ECMP interface and one LAG link for all packets on the VLL service based on a modulo of the service ID. The value of 'true (2)' introduces an enhanced distribution which hashes the service-id prior to the LAG link modulo operation. |
| Displayed name | Service ID Lag Hashing |
| OSS name | svcIdLagHashing |
| Read-only | no |
| Tab Panel | Globals.Load Balancing General |

Table 3-2708 Service ID Lag Hashing (continued)

| Name | Value |
|------|--------------------|
| Type | generic.TruthValue |

Site ID**Table 3-2709 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-2710 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

SNMP Reachability**Table 3-2711 SNMP Reachability**

| Name | Value |
|-------------|--|
| Default | yes:up |
| Description | Indicates if the 5620 SAM server received a response from the network element for the last connectivity check. |

Table 3-2711 SNMP Reachability (continued)

| Name | Value |
|--------------------------|-------------------------|
| Displayed name | SNMP Reachability |
| OSS name | reachability |
| Read-only | yes |
| Tab Panel | Polling.General General |
| Type | NeReachability |
| Enumerated types: | |
| | Down |
| | Suspended |
| | Up |

Software Upgrade Transition States

Table 3-2712 Software Upgrade Transition States

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the Software Upgrade Transition States |
| Displayed name | Software Upgrade Transition States |
| OSS name | softwareUpgradeTransitionStatesPointer |
| Read-only | no |
| Tab Panel | General ENB Base Configuration |
| Type | POINTER |

Software Version

Table 3-2713 Software Version

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Software Version |
| Maximum | 252 |
| OSS name | version |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Start
Table 3-2714 Start

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the start of the BGP route-distinguisher community value range. Value of svcBgpAutoRDType1CommValStart must be same or smaller of the value of svcBgpAutoRDType1CommValEnd |
| Displayed name | Start |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | svcBgpAutoRDType1CommValStart |
| Read-only | no |
| Tab Panel | Globals.Service.BGP.General Auto Route Distinguisher CommRange |
| Type | LONG |

State**Table 3-2715 State**

| Name | Value |
|---------------------------------|-----------------------------------|
| Default | yes:managed |
| Description | The state of the network element. |
| Displayed name | State |
| OSS name | neState |
| Read-only | yes |
| Tab Panel | General General |
| Type | NetworkElementState |
| Enumerated types: | |
| Managed | |
| Management Suspended | |
| Node Configuration Fallback | |
| Node Configuration Misalignment | |
| Node Database Corrupted | |
| Node Software Misalignment | |
| Pre-provisioned | |

State
Table 3-2716 State

| Name | Value |
|--------------------------|---|
| Default | yes:notAttempted |
| Description | Shows the state of the reconfig action. |
| Displayed name | State |
| OSS name | reconfigState |
| Read-only | yes |
| Tab Panel | General Reconfig |
| Type | ReconfigState |
| Enumerated types: | |
| Failed | |
| In Progress | |
| Not Attempted | |
| Succeeded | |

Sys Object ID**Table 3-2717 Sys Object ID**

| Name | Value |
|----------------|--------------------|
| Default | yes: |
| Displayed name | Sys Object ID |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sysObjectId |
| Read-only | yes |
| Tab Panel | General Generic NE |
| Type | STRING |

System Description**Table 3-2718 System Description**

| Name | Value |
|----------------|--------------------|
| Default | yes: |
| Displayed name | System Description |

Table 3-2718 System Description (continued)

| Name | Value |
|-------------|-----------------|
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sysDescription |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

System ID (Loopback IP Address)**Table 3-2719 System ID (Loopback IP Address)**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | The IPv4 address assigned to a router's interface |
| Displayed name | System ID (Loopback IP Address) |
| Mandatory on creation | yes |
| Maximum | 64 |
| OSS name | systemAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

System IP Address**Table 3-2720 System IP Address**

| Name | Value |
|-----------------------|--|
| Default | yes:0.0.0.0 |
| Description | The loopback address assigned to a router's interface used by SAM to manage the node and it can be reachable from SAM server |
| Displayed name | System IP Address |
| Mandatory on creation | yes |
| Maximum | 50 |
| OSS name | inBandSystemAddress |
| Read-only | no |

Table 3-2720 System IP Address (continued)

| Name | Value |
|-------------|----------------------------|
| Tab Panel | Polling.Management In Band |
| Type | STRING |

System Up Time**Table 3-2721 System Up Time**

| Name | Value |
|----------------|--------------------|
| Default | yes:N/A |
| Displayed name | System Up Time |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | genericSysUpTime |
| Read-only | yes |
| Tab Panel | General Generic NE |
| Type | STRING |

System Wide FDB Records in Use**Table 3-2722 System Wide FDB Records in Use**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of system wide FDB records in use. |
| Displayed name | System Wide FDB Records in Use |
| OSS name | svcMacFdbRecords |
| Read-only | yes |
| Tab Panel | Globals.Service.General General |
| Type | LONG |

Template Based Configuration**Table 3-2723 Template Based Configuration**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-2723 Template Based Configuration (continued)

| Name | Value |
|----------------|--|
| Description | Indicates if this node was provisioned using an auto-configuration template. |
| Displayed name | Template Based Configuration |
| OSS name | autoConfigureTemplate |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Tertiary DNS

Table 3-2724 Tertiary DNS

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Tertiary DNS |
| OSS name | sbiTertiaryDns |
| Read-only | no |
| Tab Panel | Polling.General Bof Configuration |
| Type | INETADDR |

TestHead Port

Table 3-2725 TestHead Port

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | This port is to be assigned to used Y.1564 test head feature. |
| Displayed name | TestHead Port |
| OSS name | testHeadPort |
| Read-only | no |
| Tab Panel | Globals.Service.General Loopback No Service Ports |
| Type | POINTER |

Total PBB MAC Address Indices in Use
Table 3-2726 Total PBB MAC Address Indices in Use

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of system wide Backbone MAC address indices in use of service this router. |
| Displayed name | Total PBB MAC Address Indices in Use |
| OSS name | svcTotalFdbMimDestEntries |
| Read-only | yes |
| Tab Panel | Globals.Service.General General |
| Type | LONG |

Use Virtual MAC-Swap Port**Table 3-2727 Use Virtual MAC-Swap Port**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether or not a virtual port is assigned as the loopback port. |
| Displayed name | Use Virtual MAC-Swap Port |
| OSS name | isVirtualNoServicePort |
| Read-only | no |
| Tab Panel | Globals.Service.General Loopback No Service Ports |
| Type | BOOL |

Use Virtual Mirror Port**Table 3-2728 Use Virtual Mirror Port**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether or not a virtual port is assigned as the loopback port. |
| Displayed name | Use Virtual Mirror Port |
| OSS name | isVirtualMirrorPort |
| Read-only | no |
| Tab Panel | Globals.Service.General Loopback No Service Ports |
| Type | BOOL |

Use Virtual TestHead Port

Table 3-2729 Use Virtual TestHead Port

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether or not a virtual port is assigned as the loopback port. |
| Displayed name | Use Virtual TestHead Port |
| OSS name | isVirtualTestHeadPort |
| Read-only | no |
| Tab Panel | Globals.Service.General Loopback No Service Ports |
| Type | BOOL |

Use WRED Slopes

Table 3-2730 Use WRED Slopes

| Name | Value |
|--------------------------|---|
| Default | yes:tcp_non_tcp |
| Description | Specifies whether a WRED profile uses both TCP and non-TCP slopes, or if only TCP slopes (high-priority and low-priority) are used. |
| Displayed name | Use WRED Slopes |
| OSS name | useWredSlopes |
| Read-only | no |
| Tab Panel | QoS Quality of Service |
| Type | WredSlopes |
| Enumerated types: | |
| High-Low | |
| TCP-Non-TCP | |

Vendor-Specific ICMP Extensions

Table 3-2731 Vendor-Specific ICMP Extensions

| Name | Value |
|----------------|---------------------------------|
| Default | yes:disabled |
| Displayed name | Vendor-Specific ICMP Extensions |
| OSS name | vendorSpecificIcmpExtensions |
| Read-only | no |

Table 3-2731 Vendor-Specific ICMP Extensions (continued)

| Name | Value |
|-------------|-------------------------|
| Tab Panel | ICMP ICMP Extensions |
| Type | generic.EnabledDisabled |

Virtual MAC-Swap Port**Table 3-2732 Virtual MAC-Swap Port**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The port to be used for loopback and hence cannot be used as a SAP. |
| Displayed name | Virtual MAC-Swap Port |
| OSS name | virtualNoServicePort |
| Read-only | no |
| Tab Panel | Globals.Service.General Loopback No Service Ports |
| Type | POINTER |

Virtual Mirror Port**Table 3-2733 Virtual Mirror Port**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | This port is used for dot1Q mirroring. |
| Displayed name | Virtual Mirror Port |
| OSS name | virtualMirrorPort |
| Read-only | no |
| Tab Panel | Globals.Service.General Loopback No Service Ports |
| Type | POINTER |

Virtual TestHead Port**Table 3-2734 Virtual TestHead Port**

| Name | Value |
|-------------|---|
| Default | yes: |
| Description | This port is to be assigned to used Y.1564 test head feature. |

Table 3-2734 Virtual TestHead Port (continued)

| Name | Value |
|----------------|---|
| Displayed name | Virtual TestHead Port |
| OSS name | virtualTestHeadPort |
| Read-only | no |
| Tab Panel | Globals.Service.General Loopback No Service Ports |
| Type | POINTER |

Vnode**Table 3-2735 Vnode**

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | Vnode |
| OSS name | virtualNodePointer |
| Read-only | yes |
| Tab Panel | General Virtual Node |
| Type | POINTER |

VPLS Mode**Table 3-2736 VPLS Mode**

| Name | Value |
|--------------------------|--|
| Default | yes:disabled |
| Description | Property used to specify the VPLS mode set on the Network Element. If the node is used for VLAN services, set it to 'disabled'; for VPLS service, set it to 'enabled' for 3.0.R4 and above, or 'qualified' or 'unqualified' for pre 3.0.R4 load. |
| Displayed name | VPLS Mode |
| OSS name | vplsServiceMode |
| Read-only | no |
| Tab Panel | General VPLS Service |
| Type | VplsMode |
| Enumerated types: | |
| Disabled | |
| Enabled | |
| None | |

Table 3-2736 VPLS Mode (continued)

| Name | Value |
|-------------|-------|
| Qualified | |
| Unqualified | |

Zone Count**Table 3-2737 Zone Count**

| Name | Value |
|----------------|------------------|
| Displayed name | Zone Count |
| OSS name | secZoneCount |
| Read-only | no |
| Tab Panel | Security General |
| Type | LONG |

Network Ingress Dot1p parameters**Dot1p****Table 3-2738 Dot1p**

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:value_0 |
| Displayed name | Dot1p |
| Mandatory on creation | yes |
| OSS name | dot1p |
| Read-only | no |
| Tab Panel | General General |
| Type | qos.Dot1pValueNoDefaultEnum |

Forwarding Class**Table 3-2739 Forwarding Class**

| Name | Value |
|----------------|------------------|
| Default | yes:be |
| Displayed name | Forwarding Class |

Table 3-2739 Forwarding Class (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | forwardingClass |
| Read-only | no |
| Tab Panel | General General |
| Type | qos.FcEnum |

Profile**Table 3-2740 Profile**

| Name | Value |
|----------------|-----------------|
| Default | yes:in |
| Displayed name | Profile |
| OSS name | profile |
| Read-only | no |
| Tab Panel | General General |
| Type | qos.Profile |

Network Interface (NetworkInterface, optical) parameters**Adjacency State****Table 3-2741 Adjacency State**

| Name | Value |
|--------------------------|-----------------------|
| Description | OSPF Adj state. |
| Displayed name | Adjacency State |
| OSS name | tnNetIfCnLinkAdjState |
| Read-only | no |
| Tab Panel | OSPF OSPF |
| Type | OspfAdjacencyState |
| Enumerated types: | |
| 2Way | |
| Down | |
| Exchange | |
| ExchangeStart | |

Table 3-2741 Adjacency State (continued)

| Name | Value |
|------|-------|
| Full | |
| Init | |

alarmProfilePointer**Table 3-2742 alarmProfilePointer**

| Name | Value |
|-------------|---------------------|
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | General Interface |
| Type | POINTER |

Cost Metric**Table 3-2743 Cost Metric**

| Name | Value |
|----------------|-------------------------------------|
| Description | The Traffic eng metric of the link. |
| Displayed name | Cost Metric |
| Maximum | 65535 |
| Minimum | 1 |
| OSS name | tnNetIfMetric |
| Read-only | no |
| Tab Panel | OSPF OSPF |
| Type | LONG |

Dead Interval**Table 3-2744 Dead Interval**

| Name | Value |
|----------------|--|
| Default | yes:40 |
| Description | The router dead interval of the link. For 1830, the range is (1..'FFFF'h). This value must be greater than or equal to hello interval value. |
| Displayed name | Dead Interval |

Table 3-2744 Dead Interval (continued)

| Name | Value |
|-------------|------------------------|
| Maximum | 65535 |
| Minimum | 1 |
| OSS name | tnNetIfRtrDeadInterval |
| Read-only | no |
| Tab Panel | OSPF OSPF |
| Type | LONG |
| Units | seconds |

Hello Interval**Table 3-2745 Hello Interval**

| Name | Value |
|----------------|---------------------------------|
| Default | yes:10 |
| Description | The hello interval of the link. |
| Displayed name | Hello Interval |
| Maximum | 65535 |
| Minimum | 1 |
| OSS name | tnNetIfHelloInterval |
| Read-only | no |
| Tab Panel | OSPF OSPF |
| Type | LONG |
| Units | seconds |

Interface ID**Table 3-2746 Interface ID**

| Name | Value |
|-----------------------|--|
| Default | yes:autoId |
| Description | The Access identifier for the Network Interface. |
| Displayed name | Interface ID |
| Mandatory on creation | yes |
| Maximum | 512 |
| Minimum | 1 |

Table 3-2746 Interface ID (continued)

| Name | Value |
|-------------|-------------------|
| OSS name | ifIndex |
| Read-only | no |
| Tab Panel | General Interface |
| Type | LONG |

Interface Name**Table 3-2747 Interface Name**

| Name | Value |
|----------------|-------------------|
| Displayed name | Interface Name |
| Maximum | 32 |
| OSS name | interfaceName |
| Read-only | no |
| Tab Panel | General Interface |
| Type | STRING |

Interface Status**Table 3-2748 Interface Status**

| Name | Value |
|--------------------------|--|
| Default | yes:disabled |
| Description | The administrative state of the Network Interface. |
| Displayed name | Interface Status |
| OSS name | gccPortStatus |
| Read-only | no |
| Tab Panel | General Interface |
| Type | DisabledEnabled |
| Enumerated types: | |
| Disabled | |
| Enabled | |

L2 Interface Status

Table 3-2749 L2 Interface Status

| Name | Value |
|----------------|-----------------------|
| Displayed name | L2 Interface Status |
| OSS name | l2Status |
| Read-only | no |
| Tab Panel | General Interface |
| Type | netw.OperationalState |

MD5 Authentication Enabled

Table 3-2750 MD5 Authentication Enabled

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies OSPF authentication on the interface - only none and MD5 are currently supported. |
| Displayed name | MD5 Authentication Enabled |
| OSS name | tnNetIfOspfAuthentType |
| Read-only | no |
| Tab Panel | OSPF OSPF |
| Type | BOOL |

MD5 Key

Table 3-2751 MD5 Key

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Description | Link OSPF Authentic Key. |
| Displayed name | MD5 Key |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | tnNetIfOspfAuthKey |
| Read-only | no |
| Tab Panel | OSPF OSPF |
| Type | STRING |

MD5 Key ID**Table 3-2752 MD5 Key ID**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:1 |
| Description | Link OSPF Authentic Key Id. |
| Displayed name | MD5 Key ID |
| Maximum | 255 |
| Minimum | 1 |
| OSS name | tnNetIfOspfAuthKeyId |
| Read-only | no |
| Tab Panel | OSPF OSPF |
| Type | LONG |

MTU Size**Table 3-2753 MTU Size**

| Name | Value |
|----------------|--|
| Default | yes:1500 |
| Description | The MTU size for the configured Network Interface. The intent is to allow for interworking/standardization across multiple products. The MTU size is allowed to be changed only when the provisioned packet type is set to std. If the packet type is changed from std to nonStd then the MTU size will automatically be changed by the software back to the pack's default value. |
| Displayed name | MTU Size |
| Maximum | 1500 |
| Minimum | 576 |
| OSS name | gccMtuSize |
| Read-only | no |
| Tab Panel | General Interface |
| Type | INT |

OSPF Area ID**Table 3-2754 OSPF Area ID**

| Name | Value |
|---------|-------------|
| Default | yes:0.0.0.0 |

Table 3-2754 OSPF Area ID (continued)

| Name | Value |
|----------------|--|
| Description | For all OSC/GCC interfaces, it will use the OSPF area provisioned on the node. |
| Displayed name | OSPF Area ID |
| OSS name | ospfAreaId |
| Read-only | no |
| Tab Panel | OSPF OSPF Area |
| Type | INETADDR |

OSPF Area Index

Table 3-2755 OSPF Area Index

| Name | Value |
|----------------|------------------------|
| Description | OSPF Area Topology Id. |
| Displayed name | OSPF Area Index |
| OSS name | ospfTopologyId |
| Read-only | no |
| Tab Panel | OSPF OSPF Area |
| Type | INT |

Packet Type

Table 3-2756 Packet Type

| Name | Value |
|--------------------------|---|
| Default | yes:std |
| Description | The GCC packet type. Indicates if the Network Interface packet type is standard or non-standard. Only provisionable for 4DPA4, 11DPE12, 11STAR1 and 11STMM10 pack related network interfaces. The default value is std for all packs. If packet type is non-std, MTU size is always 1473 and cannot be changed. |
| Displayed name | Packet Type |
| OSS name | gccPacketType |
| Read-only | no |
| Tab Panel | General Interface |
| Type | GccPacketType |
| Enumerated types: | |
| Non-standard | |

Table 3-2756 Packet Type (continued)

| Name | Value |
|----------|-------|
| Standard | |

Site ID**Table 3-2757 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-2758 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Network Interface (NetworkInterface, rtr) parameters

Actual Maximum Frame Size

Table 3-2759 Actual Maximum Frame Size

| Name | Value |
|----------------|---------------------------|
| Default | yes:1500 |
| Displayed name | Actual Maximum Frame Size |
| OSS name | actualMtu |
| Read-only | yes |
| Tab Panel | Port General |
| Type | INT |
| Units | bytes |

Actual Primary Status

Table 3-2760 Actual Primary Status

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Actual primary interface status for this interface. |
| Displayed name | Actual Primary Status |
| OSS name | actualPrimaryStatus |
| Read-only | no |
| Tab Panel | General General |
| Type | generic.TruthValue |

Admin Link Local Address

Table 3-2761 Admin Link Local Address

| Name | Value |
|----------------|---------------------------------|
| Default | yes: |
| Displayed name | Admin Link Local Address |
| OSS name | adminLinkLocalAddrWithZoneIndex |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Admin Link Local Address**Table 3-2762 Admin Link Local Address**

| Name | Value |
|----------------|--------------------------|
| Default | yes:0:0:0:0:0:0:0 |
| Displayed name | Admin Link Local Address |
| OSS name | adminLinkLocalAddr |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Admin Link Local Address Preferred**Table 3-2763 Admin Link Local Address Preferred**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:false |
| Displayed name | Admin Link Local Address Preferred |
| OSS name | adminLinkLclAddrPreferred |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Administrative State**Table 3-2764 Administrative State**

| Name | Value |
|--------------------------|----------------------|
| Default | yes:unspecified |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | AdministrativeState |
| Enumerated types: | |
| Down | |
| Up | |

Aggregate CIR**Table 3-2765 Aggregate CIR**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the CIR of all egress queues for this Network Interface. |
| Displayed name | Aggregate CIR |
| Maximum | 10000000 |
| Minimum | -1 |
| OSS name | egressAggCIR |
| Read-only | no |
| Tab Panel | QoS General |
| Type | INT |
| Units | kbps |

Aggregate Rate Limit**Table 3-2766 Aggregate Rate Limit**

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Description | Specifies the maximum total rate of all egress queues for this Network Interface. The value -1 means that there is no limit. |
| Displayed name | Aggregate Rate Limit |
| Maximum | 10000000 |
| Minimum | -1 |
| OSS name | egressAggRateLimit |
| Read-only | no |
| Tab Panel | QoS General |
| Type | INT |
| Units | kbps |

Allow Directed Broadcasts**Table 3-2767 Allow Directed Broadcasts**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-2767 Allow Directed Broadcasts (continued)

| Name | Value |
|----------------|---------------------------|
| Displayed name | Allow Directed Broadcasts |
| OSS name | directedBroadcast |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Assign Aggregate CIR**Table 3-2768 Assign Aggregate CIR**

| Name | Value |
|----------------|---------------------------|
| Displayed name | Assign Aggregate CIR |
| OSS name | valueManager:egressAggCIR |
| Read-only | no |
| Tab Panel | QoS General |

Assign Aggregate Rate Limit**Table 3-2769 Assign Aggregate Rate Limit**

| Name | Value |
|----------------|---------------------------------|
| Displayed name | Assign Aggregate Rate Limit |
| OSS name | valueManager:egressAggRateLimit |
| Read-only | no |
| Tab Panel | QoS General |

BFD Configured**Table 3-2770 BFD Configured**

| Name | Value |
|----------------|---|
| Description | Specifies if BFD is configured on this interface. |
| Displayed name | BFD Configured |
| OSS name | bfdConfigured |
| Read-only | no |
| Tab Panel | General BFD Configured |

Table 3-2770 BFD Configured (continued)

| Name | Value |
|------|-------|
| Type | BOOL |

Broadcast**Table 3-2771 Broadcast**

| Name | Value |
|----------------|-------------|
| Displayed name | Broadcast |
| OSS name | broadcast |
| Read-only | no |
| Tab Panel | General NTP |

Broadcast Address**Table 3-2772 Broadcast Address**

| Name | Value |
|----------------|-------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Broadcast Address |
| Maximum | 50 |
| OSS name | bcastAddress |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

ByPass Zone Config**Table 3-2773 ByPass Zone Config**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value of securityPolicyBypass indicates whether traffic on this interface bypasses the security check. |
| Displayed name | ByPass Zone Config |
| OSS name | securityPolicyBypass |
| Read-only | no |

Table 3-2773 ByPass Zone Config (continued)

| Name | Value |
|-------------|--------------|
| Tab Panel | Zone General |
| Type | BOOL |

Cflowd Type

Table 3-2774 Cflowd Type

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | This attribute is deprecated for 7750/7450/7950 13.0 and above nodes. Please use {{cflowd.CflowdSampling}} instead. |
| Displayed name | Cflowd Type |
| OSS name | cflowdType |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Class

Table 3-2775 Class

| Name | Value |
|--------------------------|-------------------|
| Default | yes:numbered |
| Displayed name | Class |
| OSS name | interfaceClass |
| Read-only | no |
| Tab Panel | General General |
| Type | RtrInterfaceClass |
| Enumerated types: | |
| Management | |
| Numbered | |
| System | |
| Unnumbered | |
| Unspecified | |

Client Status

Table 3-2776 Client Status

| Name | Value |
|--------------------------|--|
| Description | DHCP status of the DHCP Client IP interface. |
| Displayed name | Client Status |
| OSS name | ifDhcpStatus |
| Read-only | yes |
| Tab Panel | DHCP-CLIENT Parameter General |
| Type | InterfaceDhcpStatus |
| Enumerated types: | |
| Active | |
| Discovery | |
| Timeout | |

Configured Primary Status

Table 3-2777 Configured Primary Status

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Primary interface configuration status for this interface. If set to true, this interface will be used as the default interface for the VLAN on which it resides when possible. |
| Displayed name | Configured Primary Status |
| OSS name | configPrimaryStatus |
| Read-only | no |
| Tab Panel | General General |
| Type | generic.TruthValue |

Description

Table 3-2778 Description

| Name | Value |
|----------------|-------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |

Table 3-2778 Description (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

DHCP Option-60**Table 3-2779 DHCP Option-60**

| Name | Value |
|----------------|---|
| Default | yes:OmniSwitch |
| Description | The value of option-60 filed that should be inserted in DHCP discover/request packet if configured. |
| Displayed name | DHCP Option-60 |
| Maximum | 64 |
| Minimum | 1 |
| OSS name | ifDhcpOption60 |
| Read-only | no |
| Tab Panel | DHCP-CLIENT Parameter General |
| Type | STRING |

Domain**Table 3-2780 Domain**

| Name | Value |
|-----------------------|--|
| Default | yes:network |
| Description | This property will distinguish between a regular network interface and an mpls-tp interface. |
| Displayed name | Domain |
| Mandatory on creation | yes |
| OSS name | ifType |
| Read-only | no |
| Tab Panel | General General |
| Type | rtr.RtrInterfaceType |

Duplicate Address Detection Disabled

Table 3-2781 Duplicate Address Detection Disabled

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value of dadDisable specifies if the Duplicate Address Detection (DAD) is disabled for this interface. |
| Displayed name | Duplicate Address Detection Disabled |
| OSS name | dadDisable |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Egress IP ACL

Table 3-2782 Egress IP ACL

| Name | Value |
|----------------|-------------------------|
| Default | yes: |
| Displayed name | Egress IP ACL |
| OSS name | egressFilterPointer |
| Read-only | no |
| Tab Panel | Policies.General IP ACL |
| Type | POINTER |

Egress IP Load Balancing

Table 3-2783 Egress IP Load Balancing

| Name | Value |
|----------------|---|
| Default | yes:both |
| Description | Specifies whether to include source address or destination address or both in LAG/ECMP hash on IP interfaces. |
| Displayed name | Egress IP Load Balancing |
| OSS name | egrIpLoadBalancing |
| Read-only | no |
| Tab Panel | General Load Balancing |
| Type | EgrIpLoadBalancing |

Table 3-2783 Egress IP Load Balancing (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Both | |
| Destination | |
| Source | |

Egress IPv6 ACL**Table 3-2784 Egress IPv6 ACL**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the instance of the ACL IPv6 filter. |
| Displayed name | Egress IPv6 ACL |
| OSS name | egressIPv6FilterPointer |
| Read-only | no |
| Tab Panel | Policies.General IPv6 ACL |
| Type | POINTER |

Egress Network Queue Policy**Table 3-2785 Egress Network Queue Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the instance of Network Queue Policy |
| Displayed name | Egress Network Queue Policy |
| OSS name | egressNqueuePolicyObjectPointer |
| Read-only | no |
| Tab Panel | QoS General |
| Type | POINTER |

Enable**Table 3-2786 Enable**

| Name | Value |
|----------------|-----------------------------------|
| Displayed name | Enable |
| OSS name | valueManager:IdpSyncTimerEnabled |
| Read-only | no |
| Tab Panel | General LDP Synchronization Timer |

Enable Forwarding**Table 3-2787 Enable Forwarding**

| Name | Value |
|----------------|--------------------|
| Default | yes:false |
| Displayed name | Enable Forwarding |
| OSS name | enableForwarding |
| Read-only | no |
| Tab Panel | General General |
| Type | generic.TruthValue |

Enable Ingress FlowSpec IPv4**Table 3-2788 Enable Ingress FlowSpec IPv4**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies if ingress flowspec IPv4 is enabled for this interface. |
| Displayed name | Enable Ingress FlowSpec IPv4 |
| OSS name | ingressFlowspec |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Enable Ingress FlowSpec IPv6**Table 3-2789 Enable Ingress FlowSpec IPv6**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies if ingress flowspec IPv6 is enabled for this interface. |
| Displayed name | Enable Ingress FlowSpec IPv6 |
| OSS name | ingressIPv6Flowspec |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Enable Ingress Stats**Table 3-2790 Enable Ingress Stats**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies if ingress statistics gathering is enabled for this interface. |
| Displayed name | Enable Ingress Stats |
| OSS name | enableIngressStats |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Enable MAC Accounting Stats**Table 3-2791 Enable MAC Accounting Stats**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies if MAC accounting statistics gathering is enabled for this interface. |
| Displayed name | Enable MAC Accounting Stats |
| OSS name | enableMacAccountingStats |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Encapsulation Type

Table 3-2792 Encapsulation Type

| Name | Value |
|----------------|-------------------------|
| Default | yes:unspecified |
| Displayed name | Encapsulation Type |
| OSS name | encapType |
| Read-only | no |
| Tab Panel | Port General |
| Type | equipment.PortEncapType |

GNE

Table 3-2793 GNE

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:false |
| Description | Is this a network interface on a GNE? |
| Displayed name | GNE |
| OSS name | isGne |
| Read-only | yes |
| Tab Panel | General GNE |
| Type | BOOL |

Groups Included

Table 3-2794 Groups Included

| Name | Value |
|----------------|------------------------------|
| Default | yes:0 |
| Displayed name | Groups Included |
| OSS name | adminGroupInclude |
| Read-only | no |
| Tab Panel | General Administrative Group |
| Type | LONG |
| Units | bitmap |

High Threshold

Table 3-2795 High Threshold

| Name | Value |
|----------------|------------------------------|
| Default | yes:1000 |
| Displayed name | High Threshold |
| Minimum | 0 |
| OSS name | monitorMcRedirectHighThresh |
| Read-only | no |
| Tab Panel | McRedirect Threshold Packets |
| Type | INT |

Ingress IP ACL

Table 3-2796 Ingress IP ACL

| Name | Value |
|----------------|-------------------------|
| Default | yes: |
| Displayed name | Ingress IP ACL |
| OSS name | ingressFilterPointer |
| Read-only | no |
| Tab Panel | Policies.General IP ACL |
| Type | POINTER |

Ingress IPv6 ACL

Table 3-2797 Ingress IPv6 ACL

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the instance of the ACL IPv6 filter. |
| Displayed name | Ingress IPv6 ACL |
| OSS name | ingressIpv6FilterPointer |
| Read-only | no |
| Tab Panel | Policies.General IPv6 ACL |
| Type | POINTER |

Inner Encapsulation Value

Table 3-2798 Inner Encapsulation Value

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Provisioned inner encap value. This value is propagated into: terminatedPortInnerEncapValue. |
| Displayed name | Inner Encapsulation Value |
| OSS name | innerEncapValue |
| Read-only | no |
| Tab Panel | Port General |
| Type | INT |

Interface Encap Type

Table 3-2799 Interface Encap Type

| Name | Value |
|--------------------------|---|
| Default | yes:ethernet2 |
| Description | This is the encapsulation type of the IP Interface. Only applicable for AOS Node types. |
| Displayed name | Interface Encap Type |
| OSS name | encapsulationType |
| Read-only | no |
| Tab Panel | General General |
| Type | EncapType |
| Enumerated types: | |
| Ethernet2 | |
| SNAP | |

Interface ID

Table 3-2800 Interface ID

| Name | Value |
|-----------------------|--------------|
| Default | yes:0 |
| Displayed name | Interface ID |
| Mandatory on creation | yes |
| Maximum | 5119 |

Table 3-2800 Interface ID (continued)

| Name | Value |
|-------------|-----------------|
| Minimum | 1 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

IPv6 Allowed**Table 3-2801 IPv6 Allowed**

| Name | Value |
|----------------|-----------------|
| Default | yes:false |
| Displayed name | IPv6 Allowed |
| OSS name | ipv6Allowed |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

IPv6 Operational State**Table 3-2802 IPv6 Operational State**

| Name | Value |
|----------------|------------------------|
| Default | yes:vRtrIfUnknown |
| Displayed name | IPv6 Operational State |
| OSS name | ipv6OperationalState |
| Read-only | yes |
| Tab Panel | General General |
| Type | netw.OperationalState |

L4 Load Balance**Table 3-2803 L4 Load Balance**

| Name | Value |
|---------|------------|
| Default | yes:system |

Table 3-2803 L4 Load Balance (continued)

| Name | Value |
|--------------------------|--|
| Description | aluVrtrIfL4LoadBalancing specifies the load balancing algorithm to be used on this interface. When the value is 'includeL4', the src and dst port are used in the hashing algorithm. When it's 'excludeL4', they are not included. When the value is 'system', the port inherits the global settings in {netw.NetworkElement.l4LoadBalancing}. |
| Displayed name | L4 Load Balance |
| OSS name | aluIfL4LoadBalancing |
| Read-only | no |
| Tab Panel | General General |
| Type | AluIfL4LoadBalancing |
| Enumerated types: | |
| Exclude L4 | |
| Include L4 | |
| System | |

LAG Link Map Profile**Table 3-2804 LAG Link Map Profile**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the LAG Link Mapping Profile |
| Displayed name | LAG Link Map Profile |
| OSS name | lagLinkMapProfilePointer |
| Read-only | no |
| Tab Panel | Port General |
| Type | POINTER |

Last Operational State Change**Table 3-2805 Last Operational State Change**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the sysUpTime when the operational state of this interface last changed. |
| Displayed name | Last Operational State Change |
| OSS name | lastOperStateChange |

Table 3-2805 Last Operational State Change (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | yes |
| Tab Panel | General General |
| Type | DATE |

LDP Synchronization Timer**Table 3-2806 LDP Synchronization Timer**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies a time interval used for IGP-LDP synchronization. |
| Displayed name | LDP Synchronization Timer |
| Maximum | 1800 |
| Minimum | 0 |
| OSS name | ldpSyncTimer |
| Read-only | no |
| Tab Panel | General LDP Synchronization Timer |
| Type | INT |
| Units | seconds |

Link Local Address**Table 3-2807 Link Local Address**

| Name | Value |
|----------------|--------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Link Local Address |
| OSS name | linkLocalAddress |
| Read-only | yes |
| Tab Panel | General General |
| Type | INETADDR |

Link Local Address State
Table 3-2808 Link Local Address State

| Name | Value |
|--------------------------|--------------------------|
| Default | yes:unknown |
| Displayed name | Link Local Address State |
| OSS name | linkLocalAddressState |
| Read-only | yes |
| Tab Panel | General General |
| Type | IPv6AddressState |
| Enumerated types: | |
| | deprecated |
| | duplicated |
| | inaccessible |
| | preferred |
| | tentative |
| | unknown |

Local DHCP Server**Table 3-2809 Local DHCP Server**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the instance of local DHCP server. |
| Displayed name | Local DHCP Server |
| OSS name | localDhcpServerPointer |
| Read-only | no |
| Tab Panel | Local DHCP General |
| Type | POINTER |

Local DHCPv6 Server**Table 3-2810 Local DHCPv6 Server**

| Name | Value |
|-------------|-----------------------------------|
| Default | yes: |
| Description | Pointer to a Local DHCPv6 server. |

Table 3-2810 Local DHCPv6 Server (continued)

| Name | Value |
|----------------|-------------------------|
| Displayed name | Local DHCPv6 Server |
| OSS name | localDhcp6ServerPointer |
| Read-only | no |
| Tab Panel | Local DHCP General |
| Type | POINTER |

Loopback Enabled**Table 3-2811 Loopback Enabled**

| Name | Value |
|----------------|------------------|
| Default | yes:false |
| Displayed name | Loopback Enabled |
| OSS name | loopbackEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Low Threshold**Table 3-2812 Low Threshold**

| Name | Value |
|----------------|------------------------------|
| Default | yes:500 |
| Displayed name | Low Threshold |
| Minimum | 0 |
| OSS name | monitorMcRedirectLowThresh |
| Read-only | no |
| Tab Panel | McRedirect Threshold Packets |
| Type | INT |

LSR IP Load Balancing
Table 3-2813 LSR IP Load Balancing

| Name | Value |
|--------------------------|--|
| Default | yes:system |
| Description | The value of ifLsrIpLoadBalancing specifies whether the IP Header is used in the LAG and ECMP LSR hashing algorithm. This is the per interface setting. When set to 'label-only (1)' only the label is used in the hashing algorithm. When set to 'label-ip (2)', the IP Header is included in the hashing algorithm. When set to 'ip-only (3)' the IP Header is used exclusively in the hashing Algorithm. When set to 'system (0)', the hashing algorithm is inherited from the setting of 'lsrIpLoadBalancing' under the NetworkElement object. |
| Displayed name | LSR IP Load Balancing |
| OSS name | ifLsrIpLoadBalancing |
| Read-only | no |
| Tab Panel | General Load Balancing |
| Type | IfLsrIpLoadBalancing |
| Enumerated types: | |
| | Ethernet Encapsulated IP |
| | IP Only |
| | Label IP |
| | Label Only |
| | System |

MAC Address**Table 3-2814 MAC Address**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | MAC Address |
| OSS name | physicalAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | MACADDR |

Maximum Frame Size Mismatch**Table 3-2815 Maximum Frame Size Mismatch**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value is set to 'true' when the provisioned MTU value is greater than the actual MTU value (provisionedMtu > actualMtu). |
| Displayed name | Maximum Frame Size Mismatch |
| OSS name | mtuMismatch |
| Read-only | yes |
| Tab Panel | Port General |
| Type | BOOL |

Monitor McRedirect**Table 3-2816 Monitor McRedirect**

| Name | Value |
|----------------|--------------------|
| Default | yes:false |
| Displayed name | Monitor McRedirect |
| OSS name | monitorMcRedirect |
| Read-only | no |
| Tab Panel | McRedirect General |
| Type | BOOL |

Name**Table 3-2817 Name**

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Mandatory on creation | yes |
| Maximum | 40 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |

Table 3-2817 Name (continued)

| Name | Value |
|------|--------|
| Type | STRING |

NE DDoS Protection Policy**Table 3-2818 NE DDoS Protection Policy**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Associates Distributed CPU Protection Policy with a Base Router Interface. |
| Displayed name | NE DDoS Protection Policy |
| OSS name | dCpuProtectionPolicyPointer |
| Read-only | no |
| Tab Panel | Security NE Protection |
| Type | POINTER |

NE DoS Protection**Table 3-2819 NE DoS Protection**

| Name | Value |
|----------------|---|
| Default | yes:NE DoS Protection:255 |
| Description | Pointer specifies the DoS Protection Policy that is applicable to this interface. |
| Displayed name | NE DoS Protection |
| OSS name | dosProtection |
| Read-only | no |
| Tab Panel | Security NE Protection |
| Type | POINTER |

Network Policy**Table 3-2820 Network Policy**

| Name | Value |
|----------------|----------------------------|
| Default | yes:Network:1 |
| Displayed name | Network Policy |
| OSS name | networkPolicyObjectPointer |

Table 3-2820 Network Policy (continued)

| Name | Value |
|-------------|--------------------------|
| Read-only | no |
| Tab Panel | Policies.General Network |
| Type | POINTER |

Operational State**Table 3-2821 Operational State**

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General General |
| Type | OperationalState |

Operational State Reason**Table 3-2822 Operational State Reason**

| Name | Value |
|--------------------------|--------------------------|
| Displayed name | Operational State Reason |
| OSS name | operStateReason |
| Read-only | yes |
| Tab Panel | General General |
| Type | OperStateReason |
| Enumerated types: | |
| Admin Down | |
| Device Down | |
| Interface Up | |
| No Router MAC | |
| No Such Device | |
| Tunnel Dest Unreachable | |
| Tunnel Src Invalid | |
| Unbound | |

Outer Encapsulation Value

Table 3-2823 Outer Encapsulation Value

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Provisioned outer encap value. This value is propagated into: terminatedPortOuterEncapValue. |
| Displayed name | Outer Encapsulation Value |
| Maximum | 4094 |
| Minimum | 0 |
| OSS name | outerEncapValue |
| Read-only | no |
| Tab Panel | Port General |
| Type | INT |

PIM RP Delayed Up Period

Table 3-2824 PIM RP Delayed Up Period

| Name | Value |
|----------------|--------------------------|
| Default | yes:0 |
| Displayed name | PIM RP Delayed Up Period |
| Maximum | 1200 |
| Minimum | 0 |
| OSS name | pimRPDelayedUpPeriod |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

PIM RP Delayed Up Timer

Table 3-2825 PIM RP Delayed Up Timer

| Name | Value |
|----------------|-------------------------|
| Default | yes:-1 |
| Displayed name | PIM RP Delayed Up Timer |
| Maximum | 300 |
| Minimum | -1 |

Table 3-2825 PIM RP Delayed Up Timer (continued)

| Name | Value |
|-------------|---------------------|
| OSS name | pimRPDelayedUpTimer |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Policy Accounting Template

Table 3-2826 Policy Accounting Template

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The value points to the policy accounting template created under Routing policies. |
| Displayed name | Policy Accounting Template |
| OSS name | policyAccountingTemplatePointer |
| Read-only | no |
| Tab Panel | Policies.General Routing Ingress Accounting Template |
| Type | POINTER |

Port

Table 3-2827 Port

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Port |
| Maximum | 252 |
| OSS name | portName |
| Read-only | yes |
| Tab Panel | Port General |
| Type | STRING |

Port ID**Table 3-2828 Port ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0 |
| Displayed name | Port ID |
| OSS name | portId |
| Read-only | yes |
| Tab Panel | Port General |
| Type | LONG |

Provisioned Maximum Frame Size**Table 3-2829 Provisioned Maximum Frame Size**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:1500 |
| Displayed name | Provisioned Maximum Frame Size |
| OSS name | provisionedMtu |
| Read-only | yes |
| Tab Panel | Port General |
| Type | INT |
| Units | bytes |

PTP HW Assist**Table 3-2830 PTP HW Assist**

| Name | Value |
|----------------|---------------------|
| Displayed name | PTP HW Assist |
| OSS name | ptpVrtrIfAdminState |
| Read-only | no |
| Tab Panel | General PTP HW |

PTP Interface
Table 3-2831 PTP Interface

| Name | Value |
|----------------|-----------------|
| Default | yes:false |
| Displayed name | PTP Interface |
| OSS name | isPtpInterface |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

QoS Route Lookup IPv4**Table 3-2832 QoS Route Lookup IPv4**

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | QoS classification of the ingress IPv4 packets on an interface based on the QoS information associated with routes in the forwarding table. |
| Displayed name | QoS Route Lookup IPv4 |
| OSS name | qosRouteLookupIpv4 |
| Read-only | no |
| Tab Panel | General General |
| Type | QosLookup |
| Enumerated types: | |
| Destination | |
| None | |
| Source | |

QoS Route Lookup IPv6**Table 3-2833 QoS Route Lookup IPv6**

| Name | Value |
|----------------|---|
| Default | yes:none |
| Description | QoS classification of the ingress IPv6 packets on an interface based on the QoS information associated with routes in the forwarding table. |
| Displayed name | QoS Route Lookup IPv6 |

Table 3-2833 QoS Route Lookup IPv6 (continued)

| Name | Value |
|--------------------------|--------------------|
| OSS name | qosRouteLookupIpv6 |
| Read-only | no |
| Tab Panel | General General |
| Type | QosLookup |
| Enumerated types: | |
| Destination | |
| None | |
| Source | |

Queue Group Instance ID**Table 3-2834 Queue Group Instance ID**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the instance of the egress queue group for this interface. |
| Displayed name | Queue Group Instance ID |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | qosEgrQGrpInstanceId |
| Read-only | no |
| Tab Panel | Policies.General Network Egress Port Redirect |
| Type | LONG |

Queue Group Instance ID**Table 3-2835 Queue Group Instance ID**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the instance of the forwarding-plane ingress queue group for this interface |
| Displayed name | Queue Group Instance ID |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | qosIngQGrpInstanceId |

Table 3-2835 Queue Group Instance ID (continued)

| Name | Value |
|-------------|--|
| Read-only | no |
| Tab Panel | Policies.General Network Ingress Forwarding Plane Redirect |
| Type | LONG |

Queue Group Template Policy**Table 3-2836 Queue Group Template Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the forwarding-plane queue group policy for this interface. |
| Displayed name | Queue Group Template Policy |
| OSS name | qosIngFpRedirectQGrpPointer |
| Read-only | no |
| Tab Panel | Policies.General Network Ingress Forwarding Plane Redirect |
| Type | POINTER |

Queue Group Template Policy**Table 3-2837 Queue Group Template Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Displayed name | Queue Group Template Policy |
| OSS name | redirectQueueGroupPointer |
| Read-only | no |
| Tab Panel | Policies.General Network Egress Port Redirect |
| Type | POINTER |

RADIUS Proxy Server**Table 3-2838 RADIUS Proxy Server**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-2838 RADIUS Proxy Server (continued)

| Name | Value |
|----------------|--|
| Description | Pointer to a RADIUS Proxy Server. Setting this pointer binds the interface to a particular RADIUS Proxy Server and creates an instance of aaa.RadiusProxyInterface. Clearing this pointer deletes the associated RADIUS Proxy Interface. |
| Displayed name | RADIUS Proxy Server |
| OSS name | radiusProxyServerPointer |
| Read-only | no |
| Tab Panel | RADIUS Proxy Server General |
| Type | POINTER |

Routing Instance ID**Table 3-2839 Routing Instance ID**

| Name | Value |
|----------------|--------------------------|
| Default | yes:1 |
| Displayed name | Routing Instance ID |
| Maximum | 10240 |
| Minimum | 1 |
| OSS name | routerId |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | INT |

Routing Instance Name**Table 3-2840 Routing Instance Name**

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Routing Instance Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | routerName |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | STRING |

Show Link In IGP Topology
Table 3-2841 Show Link In IGP Topology

| Name | Value |
|--------------------------------------|---|
| Default | yes:policy |
| Description | Indicates the link associated with this interface should be showed on the IGP topology map. |
| Displayed name | Show Link In IGP Topology |
| OSS name | showLinkInIgpTopology |
| Read-only | no |
| Tab Panel | General General |
| Type | IgpTopologyType |
| Enumerated types: | |
| Derive from Non-Routed Edge policies | |
| No | |
| Yes | |

Site ID**Table 3-2842 Site ID**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site ID**Table 3-2843 Site ID**

| Name | Value |
|----------------|---------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |

Table 3-2843 Site ID (continued)

| Name | Value |
|-------------|--------------|
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-2844 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

SPI Load Balancing**Table 3-2845 SPI Load Balancing**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether SPI use in hashing is enabled on the configured router interface. |
| Displayed name | SPI Load Balancing |
| OSS name | spiLoadBalancing |
| Read-only | no |
| Tab Panel | General Load Balancing |
| Type | BOOL |

State Qualifier**Table 3-2846 State Qualifier**

| Name | Value |
|---------|--------|
| Default | yes:OK |

Table 3-2846 State Qualifier (continued)

| Name | Value |
|----------------|---|
| Description | This value is derived from underlyingResourceState and/or resourceState attributes. If the underlyingResourceState is not 'OK' and is not 'unspecified' the value of compositeState will be set to the same value as underlyingResourceState. Otherwise the value of compositeState will be set to the same value as resourceState. |
| Displayed name | State Qualifier |
| OSS name | compositeState |
| Read-only | yes |
| Tab Panel | General General |
| Type | ResourceCompositeState |

Strip Label

Table 3-2847 Strip Label

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value of stripLabel specifies whether a packet received on the interface will have its MPLS labels stripped from the packet (true) or not (false). |
| Displayed name | Strip Label |
| OSS name | stripLabel |
| Read-only | no |
| Tab Panel | General General |
| Type | generic.TruthValue |

TCP-MSS IPv4

Table 3-2848 TCP-MSS IPv4

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | This property specifies the TCP maximum segment size(MSS) for TCP connections originated from the associated IP interface. The valid range is [0, 480-9158]. |
| Displayed name | TCP-MSS IPv4 |
| Maximum | 9158 |
| Minimum | 0 |
| OSS name | tcpMss |
| Read-only | no |

Table 3-2848 TCP-MSS IPv4 (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | INT |

TCP-MSS IPv6**Table 3-2849 TCP-MSS IPv6**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | This property specifies the TCP maximum segment size(MSS) for TCP connections originated from the associated IPv6 interface. The valid range is [0, 1220-9138]. |
| Displayed name | TCP-MSS IPv6 |
| Maximum | 9138 |
| Minimum | 0 |
| OSS name | tcpMssIpv6 |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

TEID Load Balancing**Table 3-2850 TEID Load Balancing**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether TEID load balancing is enabled for GTP-U/GTP-C tunnels on all configured Router interfaces. |
| Displayed name | TEID Load Balancing |
| OSS name | ifTeIdLoadBalancing |
| Read-only | no |
| Tab Panel | General Load Balancing |
| Type | BOOL |

Trusted**Table 3-2851 Trusted**

| Name | Value |
|----------------|--------------------|
| Default | yes:true |
| Displayed name | Trusted |
| OSS name | isTrusted |
| Read-only | no |
| Tab Panel | General General |
| Type | generic.TruthValue |

Type**Table 3-2852 Type**

| Name | Value |
|----------------|-----------------|
| Default | yes:unspecified |
| Displayed name | Type |
| OSS name | domain |
| Read-only | yes |
| Tab Panel | General General |
| Type | DomainType |

Underlying Port State**Table 3-2853 Underlying Port State**

| Name | Value |
|----------------|---|
| Default | yes:noAssociation |
| Description | State of the underlying resource. (An underlying resource is for example a netw.ConnectionTerminationPoint) |
| Displayed name | Underlying Port State |
| OSS name | underlyingResourceState |
| Read-only | yes |
| Tab Panel | Port General |
| Type | UnderlyingResourceState |

Unnumbered Reference

Table 3-2854 Unnumbered Reference

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | Unnumbered Reference |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | unnumberedReference |
| Read-only | no |
| Tab Panel | General Unnumbered |
| Type | STRING |

Unnumbered Type

Table 3-2855 Unnumbered Type

| Name | Value |
|--------------------------|-------------------------|
| Default | yes:system |
| Displayed name | Unnumbered Type |
| OSS name | unnumberedReferenceType |
| Read-only | no |
| Tab Panel | General Unnumbered |
| Type | UnnumberedReferenceType |
| Enumerated types: | |
| IP Address | |
| Name | |
| System | |

URPF Check Mode IPv4

Table 3-2856 URPF Check Mode IPv4

| Name | Value |
|----------------|--|
| Default | yes:strict |
| Description | Specifies the mode of unicast RPF check for IPv4. It is applicable only when uRPFCheckState is set to 'enabled'. |
| Displayed name | URPF Check Mode IPv4 |

Table 3-2856 URPF Check Mode IPv4 (continued)

| Name | Value |
|--------------------------|---------------------|
| OSS name | uRPFCheckMode |
| Read-only | no |
| Tab Panel | General Unicast RPF |
| Type | URPFCheckMode |
| Enumerated types: | |
| Loose | |
| Strict | |
| Strict-No-Ecmp | |

URPF Check Mode IPv6**Table 3-2857 URPF Check Mode IPv6**

| Name | Value |
|--------------------------|--|
| Default | yes:strict |
| Description | Specifies the mode of unicast RPF check for IPv6. It is applicable only when uRPFCheckStateIpv6 is set to 'enabled'. |
| Displayed name | URPF Check Mode IPv6 |
| OSS name | uRPFCheckModeIpv6 |
| Read-only | no |
| Tab Panel | General Unicast RPF |
| Type | URPFCheckMode |
| Enumerated types: | |
| Loose | |
| Strict | |
| Strict-No-Ecmp | |

URPF Check State IPv4**Table 3-2858 URPF Check State IPv4**

| Name | Value |
|----------------|--|
| Default | yes:disabled |
| Description | Specifies whether unicast RPF (uRPF) Check is enabled for IPv4 on the interface. |
| Displayed name | URPF Check State IPv4 |

Table 3-2858 URPF Check State IPv4 (continued)

| Name | Value |
|-------------|-------------------------|
| OSS name | uRPFCheckState |
| Read-only | no |
| Tab Panel | General Unicast RPF |
| Type | generic.EnabledDisabled |

URPF Check State IPv6**Table 3-2859 URPF Check State IPv6**

| Name | Value |
|----------------|--|
| Default | yes:disabled |
| Description | Specifies whether unicast RPF (uRPF) Check is enabled for IPv6 on the interface. |
| Displayed name | URPF Check State IPv6 |
| OSS name | uRPFCheckStateIpv6 |
| Read-only | no |
| Tab Panel | General Unicast RPF |
| Type | generic.EnabledDisabled |

URPF Ignore Default IPv4**Table 3-2860 URPF Ignore Default IPv4**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies if the default route is to be disregarded while performing the uRPF check for IPv4 on the interface. |
| Displayed name | URPF Ignore Default IPv4 |
| OSS name | uRPFIgnoreDefault |
| Read-only | no |
| Tab Panel | General Unicast RPF |
| Type | BOOL |

URPF Ignore Default IPv6**Table 3-2861 URPF Ignore Default IPv6**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies if the default route is to be disregarded while performing the uRPF check for IPv6 on the interface. |
| Displayed name | URPF Ignore Default IPv6 |
| OSS name | uRPFIgnoreDefaultIpv6 |
| Read-only | no |
| Tab Panel | General Unicast RPF |
| Type | BOOL |

VLAN**Table 3-2862 VLAN**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the instance of local DHCP server. |
| Displayed name | VLAN |
| OSS name | vlanPointer |
| Read-only | no |
| Tab Panel | VLAN VLAN |
| Type | POINTER |

Zone Id**Table 3-2863 Zone Id**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Zone Id |
| OSS name | zonePointer |
| Read-only | no |
| Tab Panel | Zone General |
| Type | POINTER |

Network Interface Facility Binding parameters

Channel Type

Table 3-2864 Channel Type

| Name | Value |
|--------------------------|---|
| Description | The ECC type of the referred ECC Channel. |
| Displayed name | Channel Type |
| OSS name | gccChannelType |
| Read-only | no |
| Tab Panel | General General |
| Type | GccChannelType |
| Enumerated types: | |
| GCC0 | |
| GCC1 | |
| GCC2 | |

Facility Name

Table 3-2865 Facility Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Facility Name |
| Maximum | 252 |
| OSS name | ifFacilityName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

no

Table 3-2866 no

| Name | Value |
|-----------------------|-------|
| Default | yes: |
| Displayed name | no |
| Mandatory on creation | yes |

Table 3-2866 no (continued)

| Name | Value |
|-------------|-------------------|
| OSS name | ifFacilityPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Protection Status**Table 3-2867 Protection Status**

| Name | Value |
|--------------------------|-------------------------|
| Displayed name | Protection Status |
| OSS name | protectionStatus |
| Read-only | no |
| Tab Panel | General General |
| Type | NetworkIfProtectionType |
| Enumerated types: | |
| Disabled | |
| FLT | |
| Standby | |
| Working | |

yes**Table 3-2868 yes**

| Name | Value |
|-----------------------|--------------------------|
| Default | yes:clientTransparentOdu |
| Displayed name | yes |
| Mandatory on creation | yes |
| OSS name | ifFacilityContainerType |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.OduContainerType |

Network Time Protocol Authentication parameters

Authentication Key

Table 3-2869 Authentication Key

| Name | Value |
|----------------|---|
| Default | no |
| Description | Specifies the input string that is used to generate the Authentication Key value. The length of the string depends upon the type of encryption used |
| Displayed name | Authentication Key |
| Maximum | 40 |
| OSS name | ntpAuthKey |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Authentication Key Id

Table 3-2870 Authentication Key Id

| Name | Value |
|-----------------------|---|
| Default | no |
| Description | Specifies a unique ID that is used for referencing a particular Authentication Key for NTP server or NTP peer authentication. |
| Displayed name | Authentication Key Id |
| Mandatory on creation | yes |
| Maximum | 255 |
| Minimum | 1 |
| OSS name | ntpAuthKeyId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Authentication Key Type
Table 3-2871 Authentication Key Type

| Name | Value |
|--------------------------|---|
| Default | yes:1 |
| Description | Specifies the encryption type for the Authentication Key, which can be of type Message Digest (MD5) or DES. Message Digest encryption supports an Authentication Key string of 1 to 32 characters. DES encryption supports an Authentication Key string of 1 to 8 characters. |
| Displayed name | Authentication Key Type |
| OSS name | ntpAuthKeyType |
| Read-only | no |
| Tab Panel | General General |
| Type | NtpAuthKeyTypes |
| Enumerated types: | |
| DES | |
| MD5 | |
| SHA1 | |

NetworkEgressForwardingClass parameters

Dot1p In Profile

Table 3-2872 Dot1p In Profile

| Name | Value |
|----------------|--------------------|
| Default | yes:default |
| Displayed name | Dot1p In Profile |
| OSS name | dot1pInProfile |
| Read-only | no |
| Tab Panel | General Properties |
| Type | qos.Dot1pPriority |

Dot1p Out Profile

Table 3-2873 Dot1p Out Profile

| Name | Value |
|---------|-------------|
| Default | yes:default |

Table 3-2873 Dot1p Out Profile (continued)

| Name | Value |
|----------------|--------------------|
| Displayed name | Dot1p Out Profile |
| OSS name | dot1pOutProfile |
| Read-only | no |
| Tab Panel | General Properties |
| Type | qos.Dot1pPriority |

DSCP In Profile**Table 3-2874 DSCP In Profile**

| Name | Value |
|----------------|--------------------|
| Default | yes:be |
| Displayed name | DSCP In Profile |
| OSS name | dscpInProfile |
| Read-only | no |
| Tab Panel | General Properties |
| Type | qos.DscpEnum |

DSCP Out Profile**Table 3-2875 DSCP Out Profile**

| Name | Value |
|----------------|--------------------|
| Default | yes:be |
| Displayed name | DSCP Out Profile |
| OSS name | dscpOutProfile |
| Read-only | no |
| Tab Panel | General Properties |
| Type | qos.DscpEnum |

Forwarding Class**Table 3-2876 Forwarding Class**

| Name | Value |
|---------|--------|
| Default | yes:be |

Table 3-2876 Forwarding Class (continued)

| Name | Value |
|-----------------------|--------------------|
| Displayed name | Forwarding Class |
| Mandatory on creation | yes |
| OSS name | forwardingClass |
| Read-only | no |
| Tab Panel | General Properties |
| Type | qos.FcEnum |

Lsp-Exp In Profile**Table 3-2877 Lsp-Exp In Profile**

| Name | Value |
|----------------|--------------------|
| Default | yes:lspExp_0 |
| Displayed name | Lsp-Exp In Profile |
| OSS name | lspExpInProfile |
| Read-only | no |
| Tab Panel | General Properties |
| Type | qos.LspExpValue |

Lsp-Exp Out Profile**Table 3-2878 Lsp-Exp Out Profile**

| Name | Value |
|----------------|---------------------|
| Default | yes:lspExp_0 |
| Displayed name | Lsp-Exp Out Profile |
| OSS name | lspExpOutProfile |
| Read-only | no |
| Tab Panel | General Properties |
| Type | qos.LspExpValue |

NetworkIngressForwardingClass parameters

Forwarding Class

Table 3-2879 Forwarding Class

| Name | Value |
|-----------------------|------------------|
| Default | yes:be |
| Displayed name | Forwarding Class |
| Mandatory on creation | yes |
| OSS name | forwardingClass |
| Read-only | no |
| Tab Panel | General General |
| Type | qos.FcEnum |

Meter

Table 3-2880 Meter

| Name | Value |
|--------------------------|---------------|
| Default | yes:noMeter |
| Displayed name | Meter |
| OSS name | meter |
| Read-only | no |
| Tab Panel | General Meter |
| Type | FCMeterValue |
| Enumerated types: | |
| 1 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 2 | |
| 3 | |
| 4 | |

Table 3-2880 Meter (continued)

| Name | Value |
|------|-------|
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| N/A | |

Multicast Queue ID

Table 3-2881 Multicast Queue ID

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Multicast Queue ID |
| Maximum | 8 |
| Minimum | 0 |
| OSS name | multicastQueueId |
| Read-only | no |
| Tab Panel | General Queue |
| Type | LONG |

MultiCast-Meter

Table 3-2882 MultiCast-Meter

| Name | Value |
|--------------------------|-----------------|
| Default | yes:noMeter |
| Displayed name | MultiCast-Meter |
| OSS name | mCastMeter |
| Read-only | no |
| Tab Panel | General Meter |
| Type | FCMeterValue |
| Enumerated types: | |
| 1 | |
| 10 | |

Table 3-2882 MultiCast-Meter (continued)

| Name | Value |
|------|-------|
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| N/A | |

Queue ID**Table 3-2883 Queue ID**

| Name | Value |
|----------------|---------------|
| Default | yes:0 |
| Displayed name | Queue ID |
| Maximum | 8 |
| Minimum | 0 |
| OSS name | queueId |
| Read-only | no |
| Tab Panel | General Queue |
| Type | LONG |

NetworkIngressMeter parameters

CIR

Table 3-2884 CIR

| Name | Value |
|----------------|-------------|
| Default | yes:0 |
| Displayed name | CIR |
| Maximum | 20000000 |
| Minimum | -1 |
| OSS name | cir |
| Read-only | no |
| Tab Panel | CIR/PIR CIR |
| Type | INT |
| Units | kbps |

CIR Adaptation

Table 3-2885 CIR Adaptation

| Name | Value |
|----------------|--|
| Default | yes:closest |
| Description | Specifies the adaptation rule used to compute the operational CIR value. |
| Displayed name | CIR Adaptation |
| OSS name | cirAdaptation |
| Read-only | no |
| Tab Panel | CIR/PIR General |
| Type | qos.RateAdaptationRule |

Committed Burst Size

Table 3-2886 Committed Burst Size

| Name | Value |
|----------------|----------------------|
| Default | yes:-1 |
| Displayed name | Committed Burst Size |
| Maximum | 2146959 |
| Minimum | -1 |

Table 3-2886 Committed Burst Size (continued)

| Name | Value |
|-------------|----------------|
| OSS name | cbs |
| Read-only | no |
| Tab Panel | Burst Size CBS |
| Type | INT |
| Units | kbps |

ID**Table 3-2887 ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | ID |
| Mandatory on creation | yes |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

MAX**Table 3-2888 MAX**

| Name | Value |
|----------------|----------------------|
| Displayed name | MAX |
| OSS name | valueManager:cbs_max |
| Read-only | no |
| Tab Panel | Burst Size CBS |

MAX**Table 3-2889 MAX**

| Name | Value |
|----------------|------------------|
| Displayed name | MAX |
| OSS name | valueManager:cir |
| Read-only | no |
| Tab Panel | CIR/PIR CIR |

MAX**Table 3-2890 MAX**

| Name | Value |
|----------------|----------------------|
| Displayed name | MAX |
| OSS name | valueManager:mbs_max |
| Read-only | no |
| Tab Panel | Burst Size MBS |

MAX**Table 3-2891 MAX**

| Name | Value |
|----------------|------------------|
| Displayed name | MAX |
| OSS name | valueManager:pir |
| Read-only | no |
| Tab Panel | CIR/PIR PIR |

Maximum Burst Size**Table 3-2892 Maximum Burst Size**

| Name | Value |
|----------------|--------------------|
| Default | yes:-1 |
| Displayed name | Maximum Burst Size |
| Maximum | 2146959 |
| Minimum | -1 |
| OSS name | mbs |

Table 3-2892 Maximum Burst Size (continued)

| Name | Value |
|-------------|----------------|
| Read-only | no |
| Tab Panel | Burst Size MBS |
| Type | INT |
| Units | kbps |

Mode**Table 3-2893 Mode**

| Name | Value |
|----------------|--|
| Default | yes:trcm1 |
| Description | Specifies the adaptation rule used to compute the operational PIR value. |
| Displayed name | Mode |
| OSS name | mode |
| Read-only | no |
| Tab Panel | General General |
| Type | qos.MeterMode |

MultiPoint**Table 3-2894 MultiPoint**

| Name | Value |
|-----------------------|--------------------|
| Default | yes:false |
| Displayed name | MultiPoint |
| Mandatory on creation | yes |
| OSS name | mCast |
| Read-only | no |
| Tab Panel | General General |
| Type | generic.TruthValue |

Oper CIR**Table 3-2895 Oper CIR**

| Name | Value |
|----------------|-------------|
| Default | yes:-1 |
| Displayed name | Oper CIR |
| Maximum | 100000000 |
| Minimum | -1 |
| OSS name | operCir |
| Read-only | no |
| Tab Panel | CIR/PIR CIR |
| Type | INT |
| Units | kbps |

Oper Committed Burst Size**Table 3-2896 Oper Committed Burst Size**

| Name | Value |
|----------------|---------------------------|
| Displayed name | Oper Committed Burst Size |
| OSS name | operCbs |
| Read-only | no |
| Tab Panel | Burst Size CBS |
| Type | INT |
| Units | kbps |

Oper Maximum Burst Size**Table 3-2897 Oper Maximum Burst Size**

| Name | Value |
|----------------|-------------------------|
| Displayed name | Oper Maximum Burst Size |
| OSS name | operMbs |
| Read-only | no |
| Tab Panel | Burst Size MBS |
| Type | INT |
| Units | kbps |

Oper PIR**Table 3-2898 Oper PIR**

| Name | Value |
|----------------|-------------|
| Default | yes:-1 |
| Displayed name | Oper PIR |
| Maximum | 100000000 |
| Minimum | -1 |
| OSS name | operPir |
| Read-only | no |
| Tab Panel | CIR/PIR PIR |
| Type | INT |
| Units | kbps |

PIR**Table 3-2899 PIR**

| Name | Value |
|----------------|-------------|
| Default | yes:-1 |
| Displayed name | PIR |
| Maximum | 20000000 |
| Minimum | -1 |
| OSS name | pir |
| Read-only | no |
| Tab Panel | CIR/PIR PIR |
| Type | INT |
| Units | kbps |

PIR Adaptation**Table 3-2900 PIR Adaptation**

| Name | Value |
|----------------|--|
| Default | yes:closest |
| Description | Specifies the adaptation rule used to compute the operational PIR value. |
| Displayed name | PIR Adaptation |
| OSS name | pirAdaptation |

Table 3-2900 PIR Adaptation (continued)

| Name | Value |
|-------------|------------------------|
| Read-only | no |
| Tab Panel | CIR/PIR General |
| Type | qos.RateAdaptationRule |

NQueueEntry parameters

CIR

Table 3-2901 CIR

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | CIR |
| Maximum | 10000000 |
| Minimum | -1 |
| OSS name | cir |
| Read-only | no |
| Tab Panel | CIR/PIR General |
| Type | INT |
| Units | Kbps |

CIR Adaptation

Table 3-2902 CIR Adaptation

| Name | Value |
|----------------|--|
| Default | yes:closest |
| Description | Specifies the adaptation rule used to compute the operational CIR value. |
| Displayed name | CIR Adaptation |
| OSS name | cirAdaptation |
| Read-only | no |
| Tab Panel | CIR/PIR General |
| Type | qos.RateAdaptationRule |

CIR Level**Table 3-2903 CIR Level**

| Name | Value |
|----------------|---------------------|
| Default | yes:level1 |
| Displayed name | CIR Level |
| OSS name | portParentCirLevel |
| Read-only | no |
| Tab Panel | General Port Parent |
| Type | qos.Level |

Committed Burst Size**Table 3-2904 Committed Burst Size**

| Name | Value |
|-----------------------|----------------------|
| Default | yes:0 |
| Displayed name | Committed Burst Size |
| Mandatory on creation | yes |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | cbs |
| Read-only | no |
| Tab Panel | Burst Size General |
| Type | FLOAT |
| Units | % |

Committed Burst Size**Table 3-2905 Committed Burst Size**

| Name | Value |
|----------------|----------------------|
| Default | yes:50 |
| Displayed name | Committed Burst Size |
| Maximum | 10240 |
| Minimum | 0 |
| OSS name | committedBurstSize |
| Read-only | no |

Table 3-2905 Committed Burst Size (continued)

| Name | Value |
|-------------|--------------------|
| Tab Panel | Burst Size General |
| Type | INT |
| Units | KB |

Containing Policy Name**Table 3-2906 Containing Policy Name**

| Name | Value |
|----------------|-------------------------------|
| Default | yes: |
| Displayed name | Containing Policy Name |
| Maximum | 80 |
| OSS name | containingPolicyDisplayedName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Default**Table 3-2907 Default**

| Name | Value |
|----------------|--------------------|
| Displayed name | Default |
| OSS name | valueManager:cbs |
| Read-only | no |
| Tab Panel | Burst Size General |

Default**Table 3-2908 Default**

| Name | Value |
|----------------|--------------------|
| Displayed name | Default |
| OSS name | valueManager:mbs |
| Read-only | no |
| Tab Panel | Burst Size General |

Description
Table 3-2909 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Displayed Name**Table 3-2910 Displayed Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Displayed Name |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

ID**Table 3-2911 ID**

| Name | Value |
|-----------------------|------------|
| Default | yes:0 |
| Displayed name | ID |
| Mandatory on creation | yes |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | id |

Table 3-2911 ID (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Maximum Burst Size**Table 3-2912 Maximum Burst Size**

| Name | Value |
|----------------|--------------------|
| Default | yes:200 |
| Displayed name | Maximum Burst Size |
| Maximum | 12800 |
| Minimum | 0 |
| OSS name | maximumBurstSize |
| Read-only | no |
| Tab Panel | Burst Size General |
| Type | INT |
| Units | KB |

Mode**Table 3-2913 Mode**

| Name | Value |
|--------------------------|---|
| Default | yes:weighted |
| Description | specifies whether the egress queue is scheduled according to strict priority or weighted priority |
| Displayed name | Mode |
| OSS name | mode |
| Read-only | no |
| Tab Panel | General General |
| Type | QueueMode |
| Enumerated types: | |
| Strict | |
| Strict-ef | |

Table 3-2913 Mode (continued)

| Name | Value |
|----------|-------|
| Weighted | |

PIR**Table 3-2914 PIR**

| Name | Value |
|----------------|-----------------|
| Default | yes:-1 |
| Displayed name | PIR |
| Maximum | 10000000 |
| Minimum | -1 |
| OSS name | pir |
| Read-only | no |
| Tab Panel | CIR/PIR General |
| Type | INT |
| Units | Kbps |

PIR Adaptation**Table 3-2915 PIR Adaptation**

| Name | Value |
|----------------|--|
| Default | yes:closest |
| Description | Specifies the adaptation rule used to compute the operational PIR value. |
| Displayed name | PIR Adaptation |
| OSS name | pirAdaptation |
| Read-only | no |
| Tab Panel | CIR/PIR General |
| Type | qos.RateAdaptationRule |

Priority**Table 3-2916 Priority**

| Name | Value |
|---------|-------|
| Default | yes:1 |

Table 3-2916 Priority (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Priority |
| Maximum | 4 |
| Minimum | 1 |
| OSS name | priority |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Queue Management Policy**Table 3-2917 Queue Management Policy**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:sasQueueMgmtPolicy:default |
| Displayed name | Queue Management Policy |
| OSS name | queuemgmtPolicyPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Slope Policy**Table 3-2918 Slope Policy**

| Name | Value |
|----------------|----------------------|
| Default | yes:sasSlope:default |
| Displayed name | Slope Policy |
| OSS name | slopePolicyPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Weight**Table 3-2919 Weight**

| Name | Value |
|----------------|-----------------------|
| Default | yes:weight1 |
| Displayed name | Weight |
| OSS name | portParentWeight |
| Read-only | no |
| Tab Panel | General Port Parent |
| Type | qos.WeightWithoutZero |

Weight**Table 3-2920 Weight**

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | specifies a relative weight for the egress queue that determines its scheduling priority |
| Displayed name | Weight |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | weight |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

NTP NE Config parameters**Admin State****Table 3-2921 Admin State**

| Name | Value |
|----------------|--|
| Default | yes:3 |
| Description | This specifies the desired administrative state of NTP |
| Displayed name | Admin State |
| OSS name | ntpAdminState |

Table 3-2921 Admin State (continued)

| Name | Value |
|-----------------------------|------------------------|
| Read-only | no |
| Tab Panel | General NTP Attributes |
| Type | NtpAdminState |
| Enumerated types: | |
| All Servers Reachable | |
| Down | |
| No Server Reachable | |
| Noop | |
| Only Main Server Reachable | |
| Only Spare Server Reachable | |
| Up | |

Authentication Check

Table 3-2922 Authentication Check

| Name | Value |
|----------------|--|
| Default | yes:true |
| Description | This specifies whether or not to skip the rejection of NTP PDUs that do not match the authentication key or authentication type requirements. When authenticationCheck has a value of 'true', authentication PDUs are generated and NTP PDUs are authenticated upon receipt. |
| Displayed name | Authentication Check |
| OSS name | authenticationCheck |
| Read-only | no |
| Tab Panel | General NTP Attributes |
| Type | BOOL |

Clock Source

Table 3-2923 Clock Source

| Name | Value |
|----------------|--------------|
| Default | no |
| Displayed name | Clock Source |
| OSS name | ntpSysRefId |

Table 3-2923 Clock Source (continued)

| Name | Value |
|-------------|------------------------|
| Read-only | no |
| Tab Panel | General NTP Attributes |
| Type | STRING |

Current Server**Table 3-2924 Current Server**

| Name | Value |
|----------------|---------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Current Server |
| OSS name | ntpServerCurrentIpAddress |
| Read-only | no |
| Tab Panel | General NTP |
| Type | IPADDR |

DaylightSavingsTime Configured**Table 3-2925 DaylightSavingsTime Configured**

| Name | Value |
|----------------|--------------------------------|
| Displayed name | DaylightSavingsTime Configured |
| OSS name | daylightSavingsConfigured |
| Read-only | no |
| Tab Panel | General NTP |
| Type | BOOL |

Drift (Microsecond/second)**Table 3-2926 Drift (Microsecond/second)**

| Name | Value |
|----------------|----------------------------|
| Displayed name | Drift (Microsecond/second) |
| OSS name | drift |
| Read-only | no |
| Tab Panel | General NTP |

Table 3-2926 Drift (Microsecond/second) (continued)

| Name | Value |
|------|--------|
| Type | STRING |

MDA Time Stamp

Table 3-2927 MDA Time Stamp

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | This specifies whether the NTP origin timestamp is generated by the MDA. Also the ntpMdaTimeStamp indicates that the reception time of NTP packets is performed by the MDA. MDA timestamping cannot be enabled if servers are configured with authentication enabled. Enabling MDA timestamping will not affect NTP packets that are transmitted or received on the management port. |
| Displayed name | MDA Time Stamp |
| OSS name | ntpMdaTimeStamp |
| Read-only | no |
| Tab Panel | General NTP Attributes |
| Type | BOOL |

NTP Clock Mode

Table 3-2928 NTP Clock Mode

| Name | Value |
|--------------------------|----------------|
| Displayed name | NTP Clock Mode |
| OSS name | clockMode |
| Read-only | no |
| Tab Panel | General NTP |
| Type | NtpClockMode |
| Enumerated types: | |
| FreeRunning | |
| Holdover | |
| NtpSync | |
| NtpSyncRedundant | |

NTP Enabled**Table 3-2929 NTP Enabled**

| Name | Value |
|----------------|-------------|
| Displayed name | NTP Enabled |
| OSS name | ntpEnable |
| Read-only | no |
| Tab Panel | General NTP |
| Type | BOOL |

NTP Scale**Table 3-2930 NTP Scale**

| Name | Value |
|----------------|-------------|
| Default | yes:10 |
| Displayed name | NTP Scale |
| OSS name | ntpScale |
| Read-only | no |
| Tab Panel | General NTP |
| Type | INT |

NTP Server**Table 3-2931 NTP Server**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This specifies whether or not the NTP configuration is acting as a NTP server or not. |
| Displayed name | NTP Server |
| OSS name | ntpConfigServer |
| Read-only | no |
| Tab Panel | General NTP Attributes |
| Type | BOOL |

NTP State

Table 3-2932 NTP State

| Name | Value |
|--------------------------|---|
| Default | yes:delete |
| Description | This specifies whether or not NTP is configured to execute in the system. |
| Displayed name | NTP State |
| OSS name | ntpStatus |
| Read-only | no |
| Tab Panel | General General |
| Type | NtpStatus |
| Enumerated types: | |
| Disabled | |
| Enabled | |

NTP Synched

Table 3-2933 NTP Synched

| Name | Value |
|----------------|-------------|
| Displayed name | NTP Synched |
| OSS name | ntpSynched |
| Read-only | no |
| Tab Panel | General NTP |
| Type | BOOL |

Operational State

Table 3-2934 Operational State

| Name | Value |
|----------------|--|
| Default | no |
| Description | This indicates the current operational state for NTP |
| Displayed name | Operational State |
| OSS name | ntpOperState |
| Read-only | no |
| Tab Panel | General NTP Attributes |
| Type | NtpAdminState |

Table 3-2934 Operational State (continued)

| Name | Value |
|-----------------------------|-------|
| Enumerated types: | |
| All Servers Reachable | |
| Down | |
| No Server Reachable | |
| Noop | |
| Only Main Server Reachable | |
| Only Spare Server Reachable | |
| Up | |

Server Authenticate**Table 3-2935 Server Authenticate**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This specifies whether or not to require authentication of NTP PDUs when acting as a server. When ntpConfigServerAuthenticate has a value of 'true', NTP PDUs are authenticated upon receipt. |
| Displayed name | Server Authenticate |
| OSS name | ntpConfigServerAuthenticate |
| Read-only | no |
| Tab Panel | General NTP Attributes |
| Type | BOOL |

Site ID**Table 3-2936 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name
Table 3-2937 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Stratum**Table 3-2938 Stratum**

| Name | Value |
|----------------|------------------------|
| Default | no |
| Displayed name | Stratum |
| OSS name | ntpSysStratum |
| Read-only | no |
| Tab Panel | General NTP Attributes |
| Type | STRING |

Time Offset Hours**Table 3-2939 Time Offset Hours**

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Time Offset Hours |
| Maximum | 12 |
| Minimum | -12 |
| OSS name | timeOffsetHours |
| Read-only | no |
| Tab Panel | General NTP |
| Type | INT |

Time Offset Mins
Table 3-2940 Time Offset Mins

| Name | Value |
|----------------|------------------|
| Default | yes:0 |
| Displayed name | Time Offset Mins |
| Maximum | 59 |
| Minimum | 0 |
| OSS name | timeOffsetMins |
| Read-only | no |
| Tab Panel | General NTP |
| Type | INT |

Time Offset Seconds**Table 3-2941 Time Offset Seconds**

| Name | Value |
|----------------|---------------------|
| Default | yes:0 |
| Displayed name | Time Offset Seconds |
| OSS name | timeOffsetSeconds |
| Read-only | no |
| Tab Panel | General NTP |
| Type | STRING |

Timezone**Table 3-2942 Timezone**

| Name | Value |
|----------------|-------------|
| Default | yes: |
| Displayed name | Timezone |
| Maximum | 128 |
| Minimum | 0 |
| OSS name | timezone |
| Read-only | no |
| Tab Panel | General NTP |
| Type | STRING |

NTP Server parameters

Address Type

Table 3-2943 Address Type

| Name | Value |
|----------------|-----------------------|
| Default | yes:ipv4 |
| Displayed name | Address Type |
| OSS name | ntpServersAddressType |
| Read-only | no |
| Tab Panel | General General |
| Type | rtr.InetAddressType |

Authentication Key Id

Table 3-2944 Authentication Key Id

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | This specifies the key-id of the authentication key and its authentication type used by this node to receive and transmit NTP packets to and from an NTP node. |
| Displayed name | Authentication Key Id |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ntpServerAuthKeyId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

ClockType

Table 3-2945 ClockType

| Name | Value |
|----------------|-----------|
| Default | yes: |
| Displayed name | ClockType |
| OSS name | clockType |
| Read-only | no |

Table 3-2945 ClockType (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | STRING |

Delay**Table 3-2946 Delay**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Delay |
| OSS name | delay |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Index**Table 3-2947 Index**

| Name | Value |
|----------------|-----------------|
| Displayed name | Index |
| Maximum | 3 |
| Minimum | 1 |
| OSS name | index |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

IP Address**Table 3-2948 IP Address**

| Name | Value |
|-------------|--|
| Default | yes: |
| Description | This specifies the ip address that uniquely identifies a node that will provide time to the NTP client of this system. |

Table 3-2948 IP Address (continued)

| Name | Value |
|-----------------------|-----------------|
| Displayed name | IP Address |
| Mandatory on creation | yes |
| OSS name | ipAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Is Active**Table 3-2949 Is Active**

| Name | Value |
|----------------|-----------------|
| Default | yes:false |
| Displayed name | Is Active |
| OSS name | isActive |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Jitter**Table 3-2950 Jitter**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Jitter |
| OSS name | jitter |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Key Index
Table 3-2951 Key Index

| Name | Value |
|----------------|-----------------|
| Default | no |
| Displayed name | Key Index |
| OSS name | keyIndex |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

NTP Version**Table 3-2952 NTP Version**

| Name | Value |
|--------------------------|--|
| Default | yes:4 |
| Description | This specifies the NTP version number generated or accepted by this node in NTP packets. |
| Displayed name | NTP Version |
| OSS name | ntpServerVersion |
| Read-only | no |
| Tab Panel | General General |
| Type | NTPVersion |
| Enumerated types: | |
| | version-2 |
| | version-3 |
| | version-4 |

Offset**Table 3-2953 Offset**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Offset |
| OSS name | offset |
| Read-only | no |
| Tab Panel | General General |

Table 3-2953 Offset (continued)

| Name | Value |
|------|--------|
| Type | STRING |

PollingInterval**Table 3-2954 PollingInterval**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | PollingInterval |
| OSS name | pollingInterval |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Preferred Server**Table 3-2955 Preferred Server**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | This specifies whether or not this is the preferred NTP server to receive time from. |
| Displayed name | Preferred Server |
| OSS name | ntpServerPrefer |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Primary State**Table 3-2956 Primary State**

| Name | Value |
|----------------|-----------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |

Table 3-2956 Primary State (continued)

| Name | Value |
|-------------|--------------------------|
| Tab Panel | General General |
| Type | optical.PrimaryStateType |

PTP Server**Table 3-2957 PTP Server**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Ptp is a special value of ntp server that is equal to ipv4 address 127.127.1.0 |
| Displayed name | PTP Server |
| OSS name | ntpPtpServer |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Reach**Table 3-2958 Reach**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Reach |
| OSS name | reach |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

ReferenceID**Table 3-2959 ReferenceID**

| Name | Value |
|----------------|-------------|
| Default | yes: |
| Displayed name | ReferenceID |
| OSS name | referenceID |

Table 3-2959 ReferenceID (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Secondary State**Table 3-2960 Secondary State**

| Name | Value |
|----------------|----------------------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.SecondaryStateType |

Site ID**Table 3-2961 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-2962 Site Name**

| Name | Value |
|----------------|-----------|
| Default | yes: |
| Displayed name | Site Name |

Table 3-2962 Site Name (continued)

| Name | Value |
|-------------|--------------|
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Status**Table 3-2963 Status**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Status |
| OSS name | status |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Stratum**Table 3-2964 Stratum**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Stratum |
| OSS name | stratum |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

OCH Cross Connect Group parameters

A-Z Rekey

Table 3-2965 A-Z Rekey

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Setting rekeyAZ to true allows the user to request a rekey in the A-Z direction. |
| Displayed name | A-Z Rekey |
| OSS name | rekeyAZ |
| Read-only | no |
| Tab Panel | General ReKey |
| Type | BOOL |

Administrative State

Table 3-2966 Administrative State

| Name | Value |
|--------------------------|---|
| Default | yes:up |
| Description | The administrative state of the connection. |
| Displayed name | Administrative State |
| Mandatory on creation | yes |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionAdminState |
| Enumerated types: | |
| Automatic In-Service | |
| Blocking | |
| Down | |
| Maintenance | |
| Partially Down | |
| Standby/Backup | |
| Unknown | |
| Up | |

Bidirectional**Table 3-2967 Bidirectional**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Bit Rate / Encoding AZ**Table 3-2968 Bit Rate / Encoding AZ**

| Name | Value |
|----------------|---|
| Description | Pointer to a user provisioned system-wide technology type (Bit-Rate + Encoding) in the AZ direction |
| Displayed name | Bit Rate / Encoding AZ |
| OSS name | technologyTypeAZ |
| Read-only | no |
| Tab Panel | General User Technology AZ |
| Type | POINTER |

Bit Rate / Encoding ZA**Table 3-2969 Bit Rate / Encoding ZA**

| Name | Value |
|----------------|---|
| Description | Pointer to a user provisioned system-wide technology type (Bit-Rate + Encoding) in the ZA direction |
| Displayed name | Bit Rate / Encoding ZA |
| OSS name | technologyTypeZA |
| Read-only | no |
| Tab Panel | General User Technology ZA |
| Type | POINTER |

Bit Rate AZ**Table 3-2970 Bit Rate AZ**

| Name | Value |
|----------------|-----------------------------------|
| Description | Received Bit Rate AZ description. |
| Displayed name | Bit Rate AZ |
| OSS name | bitRateTextAZ |
| Read-only | no |
| Tab Panel | General Received Technology |
| Type | STRING |

Bit Rate ZA**Table 3-2971 Bit Rate ZA**

| Name | Value |
|----------------|-----------------------------------|
| Description | Received Bit Rate ZA description. |
| Displayed name | Bit Rate ZA |
| OSS name | bitRateTextZA |
| Read-only | no |
| Tab Panel | General Received Technology |
| Type | STRING |

Connection Type**Table 3-2972 Connection Type**

| Name | Value |
|--------------------------|---|
| Description | The type of OCH cross connect connection. |
| Displayed name | Connection Type |
| OSS name | xcType |
| Read-only | no |
| Tab Panel | General General |
| Type | XcType |
| Enumerated types: | |
| Add | |
| Add Drop | |
| Continue | |

Table 3-2972 Connection Type (continued)

| Name | Value |
|------|-------|
| Drop | |
| Thru | |

Destination**Table 3-2973 Destination**

| Name | Value |
|----------------|---|
| Description | Name of the endpoint Z, used for display. |
| Displayed name | Destination |
| OSS name | endpointZName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Encoding AZ**Table 3-2974 Encoding AZ**

| Name | Value |
|----------------|-----------------------------------|
| Description | Received encoding AZ description. |
| Displayed name | Encoding AZ |
| OSS name | encodingTextAZ |
| Read-only | no |
| Tab Panel | General Received Technology |
| Type | STRING |

Encoding ZA**Table 3-2975 Encoding ZA**

| Name | Value |
|----------------|-----------------------------------|
| Description | Received encoding ZA description. |
| Displayed name | Encoding ZA |
| OSS name | encodingTextZA |
| Read-only | no |

Table 3-2975 Encoding ZA (continued)

| Name | Value |
|-------------|-----------------------------|
| Tab Panel | General Received Technology |
| Type | STRING |

Endpoint A**Table 3-2976 Endpoint A**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes: |
| Description | Physical port pointer for A end. |
| Displayed name | Endpoint A |
| Mandatory on creation | yes |
| OSS name | portAPointer |
| Read-only | no |
| Tab Panel | General Endpoint A |
| Type | POINTER |

Endpoint Z**Table 3-2977 Endpoint Z**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes: |
| Description | Physical port pointer for Z end. |
| Displayed name | Endpoint Z |
| Mandatory on creation | yes |
| OSS name | portZPointer |
| Read-only | no |
| Tab Panel | General Endpoint Z |
| Type | POINTER |

Frequency 2
Table 3-2978 Frequency 2

| Name | Value |
|--------------------------|--|
| Description | The second channel of the connection source. |
| Displayed name | Frequency 2 |
| OSS name | srcChannel2 |
| Read-only | no |
| Tab Panel | General Frequencies |
| Type | ITUChannel |
| Enumerated types: | |
| 1310 | |
| 1471 | |
| 1490 | |
| 1491 | |
| 1511 | |
| 1530 | |
| 1531 | |
| 1550 | |
| 1551 | |
| 1571 | |
| 1591 | |
| 1611 | |
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |

Table 3-2978 Frequency 2 (continued)

| Name | Value |
|------|-------|
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |

Table 3-2978 Frequency 2 (continued)

| Name | Value |
|------|-------|
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |

Table 3-2978 Frequency 2 (continued)

| Name | Value |
|------|-------|
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |

Table 3-2978 Frequency 2 (continued)

| Name | Value |
|------|-------|
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |

Table 3-2978 Frequency 2 (continued)

| Name | Value |
|------|-------|
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |

Table 3-2978 Frequency 2 (continued)

| Name | Value |
|------|-------|
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

Frequency 3**Table 3-2979 Frequency 3**

| Name | Value |
|--------------------------|---|
| Description | The third channel of the connection source. |
| Displayed name | Frequency 3 |
| OSS name | srcChannel3 |
| Read-only | no |
| Tab Panel | General Frequencies |
| Type | ITUChannel |
| Enumerated types: | |
| | 1310 |
| | 1471 |
| | 1490 |

Table 3-2979 Frequency 3 (continued)

| Name | Value |
|------|-------|
| 1491 | |
| 1511 | |
| 1530 | |
| 1531 | |
| 1550 | |
| 1551 | |
| 1571 | |
| 1591 | |
| 1611 | |
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |

Table 3-2979 Frequency 3 (continued)

| Name | Value |
|------|-------|
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |

Table 3-2979 Frequency 3 (continued)

| Name | Value |
|------|-------|
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |

Table 3-2979 Frequency 3 (continued)

| Name | Value |
|------|-------|
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |

Table 3-2979 Frequency 3 (continued)

| Name | Value |
|------|-------|
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |

Table 3-2979 Frequency 3 (continued)

| Name | Value |
|------|-------|
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |

Table 3-2979 Frequency 3 (continued)

| Name | Value |
|------|-------|
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

Frequency 4**Table 3-2980 Frequency 4**

| Name | Value |
|--------------------------|--|
| Description | The fourth channel of the connection source. |
| Displayed name | Frequency 4 |
| OSS name | srcChannel4 |
| Read-only | no |
| Tab Panel | General Frequencies |
| Type | ITUChannel |
| Enumerated types: | |
| 1310 | |
| 1471 | |
| 1490 | |
| 1491 | |
| 1511 | |
| 1530 | |
| 1531 | |
| 1550 | |
| 1551 | |
| 1571 | |
| 1591 | |
| 1611 | |
| 1625 | |
| 850 | |

Table 3-2980 Frequency 4 (continued)

| Name | Value |
|------|-------|
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |

Table 3-2980 Frequency 4 (continued)

| Name | Value |
|------|-------|
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |

Table 3-2980 Frequency 4 (continued)

| Name | Value |
|------|-------|
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |

Table 3-2980 Frequency 4 (continued)

| Name | Value |
|------|-------|
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |

Table 3-2980 Frequency 4 (continued)

| Name | Value |
|------|-------|
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |

Table 3-2980 Frequency 4 (continued)

| Name | Value |
|------|-------|
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

ITU Channel
Table 3-2981 ITU Channel

| Name | Value |
|--------------------------|---------------------------------------|
| Description | The channel of the connection source. |
| Displayed name | ITU Channel |
| OSS name | srcChannel |
| Read-only | no |
| Tab Panel | General Frequencies |
| Type | ITUChannel |
| Enumerated types: | |
| 1310 | |
| 1471 | |
| 1490 | |
| 1491 | |
| 1511 | |
| 1530 | |
| 1531 | |
| 1550 | |
| 1551 | |
| 1571 | |
| 1591 | |
| 1611 | |
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |

Table 3-2981 ITU Channel (continued)

| Name | Value |
|------|-------|
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |

Table 3-2981 ITU Channel (continued)

| Name | Value |
|------|-------|
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |

Table 3-2981 ITU Channel (continued)

| Name | Value |
|------|-------|
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |

Table 3-2981 ITU Channel (continued)

| Name | Value |
|------|-------|
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |

Table 3-2981 ITU Channel (continued)

| Name | Value |
|------|-------|
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |

Table 3-2981 ITU Channel (continued)

| Name | Value |
|------|-------|
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

OCH Trail Name

Table 3-2982 OCH Trail Name

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Can be deployed on NE for OCh cross-connect, or connection group. For OCH XC/XC group the max length is 80, so we keep this for OT XCs too. This is the OCHTrail name for OCH XCs or OCH XC groups. |
| Displayed name | OCH Trail Name |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | xcName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

OCH XC Group ID
Table 3-2983 OCH XC Group ID

| Name | Value |
|----------------|-------------------------------|
| Description | Crossconnect Index in the NE. |
| Displayed name | OCH XC Group ID |
| OSS name | ochXcId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Power Management Type**Table 3-2984 Power Management Type**

| Name | Value |
|--------------------------|-------------------------------|
| Description | The type of power management. |
| Displayed name | Power Management Type |
| OSS name | powerMgmtType |
| Read-only | no |
| Tab Panel | General General |
| Type | PowerMgmtType |
| Enumerated types: | |
| Auto | |
| Hybrid | |
| Manual | |

Protection Mode**Table 3-2985 Protection Mode**

| Name | Value |
|-----------------------|---|
| Default | yes:none |
| Description | The protection state of the connection. |
| Displayed name | Protection Mode |
| Mandatory on creation | yes |
| OSS name | protectionState |
| Read-only | no |

Table 3-2985 Protection Mode (continued)

| Name | Value |
|--------------------------|-----------------|
| Tab Panel | General General |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Site ID**Table 3-2986 Site ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0.0.0.0 |
| Description | Site ID. |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-2987 Site Name**

| Name | Value |
|----------------|-----------------|
| Description | Site name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |

Table 3-2987 Site Name (continued)

| Name | Value |
|------|--------|
| Type | STRING |

Source**Table 3-2988 Source**

| Name | Value |
|----------------|---|
| Description | Name of the endpoint A, used for display. |
| Displayed name | Source |
| OSS name | endpointAName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Wave Key 1 AZ**Table 3-2989 Wave Key 1 AZ**

| Name | Value |
|----------------|---|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchXcItuWaveKeyAutoSelect is true, tnOchXcItuEncodedWaveKey1AZ has been set and the values have been set to 0,a rekey will be performed in the AZ direction. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 1 AZ |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey1AZ |
| Read-only | no |
| Tab Panel | General Frequency 1 Wave Keys |
| Type | INT |

Wave Key 1 AZ**Table 3-2990 Wave Key 1 AZ**

| Name | Value |
|----------------|--|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchXcItuWaveKeyAutoSelect is true, tnOchXcItuEncodedWaveKey1AZ has been set and the values have been set to 0, a rekey will be performed in the AZ direction. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 1 AZ |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey1AZ |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | INT |

Wave Key 1 AZ**Table 3-2991 Wave Key 1 AZ**

| Name | Value |
|----------------|--|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchGroupXcItuWaveKeyAutoSelect is true, tnOchGroupXcItuEncodedWaveKey1AZ and tnOchGroupXcItuEncodedWaveKey2AZ have been set and their values have been set to 0, or tnOchGroupXcItuEncodedWaveKey1ZA and tnOchGroupXcItuEncodedWaveKey2ZA have been set and their values have been set to 0, a rekey will be performed in the AZ or ZA directions. Current configurable range: 0 to 4096." |
| Displayed name | Wave Key 1 AZ |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey3AZ |
| Read-only | no |
| Tab Panel | General Frequency 2 Wave Keys |
| Type | INT |

Wave Key 1 AZ**Table 3-2992 Wave Key 1 AZ**

| Name | Value |
|----------------|--|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchGroupXcItuWaveKeyAutoSelect is true, tnOchGroupXcItuEncodedWaveKey1AZ and tnOchGroupXcItuEncodedWaveKey2AZ have been set and their values have been set to 0, or tnOchGroupXcItuEncodedWaveKey1ZA and tnOchGroupXcItuEncodedWaveKey2ZA have been set and their values have been set to 0, a rekey will be performed in the AZ or ZA directions. Current configurable range: 0 to 4096." |
| Displayed name | Wave Key 1 AZ |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey5AZ |
| Read-only | no |
| Tab Panel | General Frequency 3 Wave Keys |
| Type | INT |

Wave Key 1 AZ**Table 3-2993 Wave Key 1 AZ**

| Name | Value |
|----------------|--|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchGroupXcItuWaveKeyAutoSelect is true, tnOchGroupXcItuEncodedWaveKey1AZ and tnOchGroupXcItuEncodedWaveKey2AZ have been set and their values have been set to 0, or tnOchGroupXcItuEncodedWaveKey1ZA and tnOchGroupXcItuEncodedWaveKey2ZA have been set and their values have been set to 0, a rekey will be performed in the AZ or ZA directions. Current configurable range: 0 to 4096." |
| Displayed name | Wave Key 1 AZ |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey7AZ |
| Read-only | no |
| Tab Panel | General Frequency 4 Wave Keys |
| Type | INT |

Wave Key 1 ZA**Table 3-2994 Wave Key 1 ZA**

| Name | Value |
|----------------|---|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the reverse direction. If, without setting any other attributes and tnOchXcItuWaveKeyAutoSelect is true, tnOchXcItuEncodedWaveKey1ZA has been set and the values have been set to 0,a rekey will be performed in the ZA direction. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 1 ZA |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey1ZA |
| Read-only | no |
| Tab Panel | General Frequency 1 Wave Keys |
| Type | INT |

Wave Key 1 ZA**Table 3-2995 Wave Key 1 ZA**

| Name | Value |
|----------------|---|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the reverse direction. If, without setting any other attributes and tnOchXcItuWaveKeyAutoSelect is true, tnOchXcItuEncodedWaveKey1ZA has been set and the values have been set to 0,a rekey will be performed in the ZA direction. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 1 ZA |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey1ZA |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | INT |

Wave Key 1 ZA

Table 3-2996 Wave Key 1 ZA

| Name | Value |
|----------------|--|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchGroupXcItuWaveKeyAutoSelect is true, tnOchGroupXcItuEncodedWaveKey1AZ and tnOchGroupXcItuEncodedWaveKey2AZ have been set and their values have been set to 0, or tnOchGroupXcItuEncodedWaveKey1ZA and tnOchGroupXcItuEncodedWaveKey2ZA have been set and their values have been set to 0, a rekey will be performed in the AZ or ZA directions. Current configurable range: 0 to 4096." |
| Displayed name | Wave Key 1 ZA |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey3ZA |
| Read-only | no |
| Tab Panel | General Frequency 2 Wave Keys |
| Type | INT |

Wave Key 1 ZA

Table 3-2997 Wave Key 1 ZA

| Name | Value |
|----------------|--|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchGroupXcItuWaveKeyAutoSelect is true, tnOchGroupXcItuEncodedWaveKey1AZ and tnOchGroupXcItuEncodedWaveKey2AZ have been set and their values have been set to 0, or tnOchGroupXcItuEncodedWaveKey1ZA and tnOchGroupXcItuEncodedWaveKey2ZA have been set and their values have been set to 0, a rekey will be performed in the AZ or ZA directions. Current configurable range: 0 to 4096." |
| Displayed name | Wave Key 1 ZA |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey5ZA |
| Read-only | no |
| Tab Panel | General Frequency 3 Wave Keys |
| Type | INT |

Wave Key 1 ZA
Table 3-2998 Wave Key 1 ZA

| Name | Value |
|----------------|--|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchGroupXcItuWaveKeyAutoSelect is true, tnOchGroupXcItuEncodedWaveKey1AZ and tnOchGroupXcItuEncodedWaveKey2AZ have been set and their values have been set to 0, or tnOchGroupXcItuEncodedWaveKey1ZA and tnOchGroupXcItuEncodedWaveKey2ZA have been set and their values have been set to 0, a rekey will be performed in the AZ or ZA directions. Current configurable range: 0 to 4096." |
| Displayed name | Wave Key 1 ZA |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey7ZA |
| Read-only | no |
| Tab Panel | General Frequency 4 Wave Keys |
| Type | INT |

Wave Key 2 AZ**Table 3-2999 Wave Key 2 AZ**

| Name | Value |
|----------------|---|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchXcItuWaveKeyAutoSelect is true, tnOchXcItuEncodedWaveKey2AZ has been set and the values have been set to 0,a rekey will be performed in the AZ direction. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 2 AZ |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey2AZ |
| Read-only | no |
| Tab Panel | General Frequency 1 Wave Keys |
| Type | INT |

Wave Key 2 AZ**Table 3-3000 Wave Key 2 AZ**

| Name | Value |
|----------------|--|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchXcItuWaveKeyAutoSelect is true, tnOchXcItuEncodedWaveKey2AZ has been set and the values have been set to 0, a rekey will be performed in the AZ direction. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 2 AZ |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey2AZ |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | INT |

Wave Key 2 AZ**Table 3-3001 Wave Key 2 AZ**

| Name | Value |
|----------------|--|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchGroupXcItuWaveKeyAutoSelect is true, tnOchGroupXcItuEncodedWaveKey1AZ and tnOchGroupXcItuEncodedWaveKey2AZ have been set and their values have been set to 0, or tnOchGroupXcItuEncodedWaveKey1ZA and tnOchGroupXcItuEncodedWaveKey2ZA have been set and their values have been set to 0, a rekey will be performed in the AZ or ZA directions. Current configurable range: 0 to 4096." |
| Displayed name | Wave Key 2 AZ |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey4AZ |
| Read-only | no |
| Tab Panel | General Frequency 2 Wave Keys |
| Type | INT |

Wave Key 2 AZ
Table 3-3002 Wave Key 2 AZ

| Name | Value |
|----------------|--|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchGroupXcItuWaveKeyAutoSelect is true, tnOchGroupXcItuEncodedWaveKey1AZ and tnOchGroupXcItuEncodedWaveKey2AZ have been set and their values have been set to 0, or tnOchGroupXcItuEncodedWaveKey1ZA and tnOchGroupXcItuEncodedWaveKey2ZA have been set and their values have been set to 0, a rekey will be performed in the AZ or ZA directions. Current configurable range: 0 to 4096." |
| Displayed name | Wave Key 2 AZ |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey6AZ |
| Read-only | no |
| Tab Panel | General Frequency 3 Wave Keys |
| Type | INT |

Wave Key 2 AZ**Table 3-3003 Wave Key 2 AZ**

| Name | Value |
|----------------|--|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchGroupXcItuWaveKeyAutoSelect is true, tnOchGroupXcItuEncodedWaveKey1AZ and tnOchGroupXcItuEncodedWaveKey2AZ have been set and their values have been set to 0, or tnOchGroupXcItuEncodedWaveKey1ZA and tnOchGroupXcItuEncodedWaveKey2ZA have been set and their values have been set to 0, a rekey will be performed in the AZ or ZA directions. Current configurable range: 0 to 4096." |
| Displayed name | Wave Key 2 AZ |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey8AZ |
| Read-only | no |
| Tab Panel | General Frequency 4 Wave Keys |
| Type | INT |

Wave Key 2 ZA**Table 3-3004 Wave Key 2 ZA**

| Name | Value |
|----------------|--|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the reverse direction. If, without setting any other attributes and tnOchXcItuWaveKeyAutoSelect is true, tnOchXcItuEncodedWaveKey2ZA has been set and the values have been set to 0, a rekey will be performed in the ZA direction. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 2 ZA |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey2ZA |
| Read-only | no |
| Tab Panel | General Frequency 1 Wave Keys |
| Type | INT |

Wave Key 2 ZA**Table 3-3005 Wave Key 2 ZA**

| Name | Value |
|----------------|--|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the reverse direction. If, without setting any other attributes and tnOchXcItuWaveKeyAutoSelect is true, tnOchXcItuEncodedWaveKey2ZA has been set and the values have been set to 0, a rekey will be performed in the ZA direction. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 2 ZA |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey2ZA |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | INT |

Wave Key 2 ZA**Table 3-3006 Wave Key 2 ZA**

| Name | Value |
|----------------|--|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchGroupXcItuWaveKeyAutoSelect is true, tnOchGroupXcItuEncodedWaveKey1AZ and tnOchGroupXcItuEncodedWaveKey2AZ have been set and their values have been set to 0, or tnOchGroupXcItuEncodedWaveKey1ZA and tnOchGroupXcItuEncodedWaveKey2ZA have been set and their values have been set to 0, a rekey will be performed in the AZ or ZA directions. Current configurable range: 0 to 4096." |
| Displayed name | Wave Key 2 ZA |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey4ZA |
| Read-only | no |
| Tab Panel | General Frequency 2 Wave Keys |
| Type | INT |

Wave Key 2 ZA**Table 3-3007 Wave Key 2 ZA**

| Name | Value |
|----------------|--|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchGroupXcItuWaveKeyAutoSelect is true, tnOchGroupXcItuEncodedWaveKey1AZ and tnOchGroupXcItuEncodedWaveKey2AZ have been set and their values have been set to 0, or tnOchGroupXcItuEncodedWaveKey1ZA and tnOchGroupXcItuEncodedWaveKey2ZA have been set and their values have been set to 0, a rekey will be performed in the AZ or ZA directions. Current configurable range: 0 to 4096." |
| Displayed name | Wave Key 2 ZA |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey6ZA |
| Read-only | no |
| Tab Panel | General Frequency 3 Wave Keys |
| Type | INT |

Wave Key 2 ZA
Table 3-3008 Wave Key 2 ZA

| Name | Value |
|----------------|--|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchGroupXcItuWaveKeyAutoSelect is true, tnOchGroupXcItuEncodedWaveKey1AZ and tnOchGroupXcItuEncodedWaveKey2AZ have been set and their values have been set to 0, or tnOchGroupXcItuEncodedWaveKey1ZA and tnOchGroupXcItuEncodedWaveKey2ZA have been set and their values have been set to 0, a rekey will be performed in the AZ or ZA directions. Current configurable range: 0 to 4096." |
| Displayed name | Wave Key 2 ZA |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey8ZA |
| Read-only | no |
| Tab Panel | General Frequency 4 Wave Keys |
| Type | INT |

Wave Key Assign Mode**Table 3-3009 Wave Key Assign Mode**

| Name | Value |
|--------------------------|---|
| Description | Indicates how the OCH XC's Wave Keys are selected and distributed to other nodes. |
| Displayed name | Wave Key Assign Mode |
| OSS name | wavekeySelect |
| Read-only | no |
| Tab Panel | General Frequencies |
| Type | WavekeySelect |
| Enumerated types: | |
| Auto Keying (NE) | |
| Auto Keying (NMS) | |
| Unkeyed | |

Z-A Rekey**Table 3-3010 Z-A Rekey**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Setting rekeyZA to true allows the user to request a rekey in the Z-A direction. |
| Displayed name | Z-A Rekey |
| OSS name | rekeyZA |
| Read-only | no |
| Tab Panel | General ReKey |
| Type | BOOL |

OCH Cross Connect parameters**A-Z Encoder Domain****Table 3-3011 A-Z Encoder Domain**

| Name | Value |
|----------------|---|
| Default | yes:Not Received |
| Description | Displays originating domain number of encoder for AZ direction. -1 indicates not yet received via LSA |
| Displayed name | A-Z Encoder Domain |
| OSS name | azEncoderDomain |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | STRING |

A-Z Protection Encoder Domain**Table 3-3012 A-Z Protection Encoder Domain**

| Name | Value |
|----------------|---|
| Default | yes:Not Received |
| Description | Displays originating domain number of encoder for AZ direction for protection XC of OPS protected source. -1 indicates not yet received via LSA |
| Displayed name | A-Z Protection Encoder Domain |
| OSS name | azProtEncoderDomain |

Table 3-3012 A-Z Protection Encoder Domain (continued)

| Name | Value |
|-------------|------------------|
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | STRING |

A-Z Protection Wave Key Reuse Unlocked**Table 3-3013 A-Z Protection Wave Key Reuse Unlocked**

| Name | Value |
|--------------------------|--|
| Default | yes:notReceived |
| Description | Displays whether WT key pair re-use is unlocked for this OCh frequency in AZ direction for the protection XC of OPS protected source. notReceived(1) indicates not yet received via LSA. |
| Displayed name | A-Z Protection Wave Key Reuse Unlocked |
| OSS name | azProtWaveKeyReuseUnlocked |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | WaveKeyReuseUnlockType |
| Enumerated types: | |
| | no |
| | Not Received |
| | Yes |

A-Z Rekey**Table 3-3014 A-Z Rekey**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Setting rekeyAZ to true allows the user to request a rekey in the A-Z direction. |
| Displayed name | A-Z Rekey |
| OSS name | rekeyAZ |
| Read-only | no |
| Tab Panel | General ReKey |
| Type | BOOL |

A-Z Wave Key Reuse Unlocked
Table 3-3015 A-Z Wave Key Reuse Unlocked

| Name | Value |
|--------------------------|--|
| Default | yes:notReceived |
| Description | Displays whether WT key pair re-use is unlocked for this OCh frequency in AZ direction. notReceived(1) indicates not yet received via LSA. |
| Displayed name | A-Z Wave Key Reuse Unlocked |
| OSS name | azWaveKeyReuseUnlocked |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | WaveKeyReuseUnlockType |
| Enumerated types: | |
| no | |
| Not Received | |
| Yes | |

Administrative State**Table 3-3016 Administrative State**

| Name | Value |
|--------------------------|---|
| Default | yes:up |
| Description | The administrative state of the connection. |
| Displayed name | Administrative State |
| Mandatory on creation | yes |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionAdminState |
| Enumerated types: | |
| Automatic In-Service | |
| Blocking | |
| Down | |
| Maintenance | |
| Partially Down | |
| Standby/Backup | |

Table 3-3016 Administrative State (continued)

| Name | Value |
|---------|-------|
| Unknown | |
| Up | |

Bidirectional**Table 3-3017 Bidirectional**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Bit Rate / Encoding AZ**Table 3-3018 Bit Rate / Encoding AZ**

| Name | Value |
|----------------|---|
| Description | Pointer to a user provisioned system-wide technology type (Bit-Rate + Encoding) in the AZ direction |
| Displayed name | Bit Rate / Encoding AZ |
| OSS name | technologyTypeAZ |
| Read-only | no |
| Tab Panel | General User Technology AZ |
| Type | POINTER |

Bit Rate / Encoding ZA**Table 3-3019 Bit Rate / Encoding ZA**

| Name | Value |
|----------------|---|
| Description | Pointer to a user provisioned system-wide technology type (Bit-Rate + Encoding) in the ZA direction |
| Displayed name | Bit Rate / Encoding ZA |

Table 3-3019 Bit Rate / Encoding ZA (continued)

| Name | Value |
|-------------|----------------------------|
| OSS name | technologyTypeZA |
| Read-only | no |
| Tab Panel | General User Technology ZA |
| Type | POINTER |

Bit Rate AZ**Table 3-3020 Bit Rate AZ**

| Name | Value |
|----------------|-----------------------------------|
| Description | Received Bit Rate AZ description. |
| Displayed name | Bit Rate AZ |
| OSS name | bitRateTextAZ |
| Read-only | no |
| Tab Panel | General Received Technology |
| Type | STRING |

Bit Rate ZA**Table 3-3021 Bit Rate ZA**

| Name | Value |
|----------------|-----------------------------------|
| Description | Received Bit Rate ZA description. |
| Displayed name | Bit Rate ZA |
| OSS name | bitRateTextZA |
| Read-only | no |
| Tab Panel | General Received Technology |
| Type | STRING |

Connection Type**Table 3-3022 Connection Type**

| Name | Value |
|----------------|---|
| Description | The type of OCH cross connect connection. |
| Displayed name | Connection Type |

Table 3-3022 Connection Type (continued)

| Name | Value |
|--------------------------|-----------------|
| OSS name | xcType |
| Read-only | no |
| Tab Panel | General General |
| Type | XcType |
| Enumerated types: | |
| Add | |
| Add Drop | |
| Continue | |
| Drop | |
| Thru | |

Destination**Table 3-3023 Destination**

| Name | Value |
|----------------|---|
| Description | Name of the endpoint Z, used for display. |
| Displayed name | Destination |
| OSS name | endpointZName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Encoding AZ**Table 3-3024 Encoding AZ**

| Name | Value |
|----------------|-----------------------------------|
| Description | Received encoding AZ description. |
| Displayed name | Encoding AZ |
| OSS name | encodingTextAZ |
| Read-only | no |
| Tab Panel | General Received Technology |
| Type | STRING |

Encoding ZA
Table 3-3025 Encoding ZA

| Name | Value |
|----------------|-----------------------------------|
| Description | Received encoding ZA description. |
| Displayed name | Encoding ZA |
| OSS name | encodingTextZA |
| Read-only | no |
| Tab Panel | General Received Technology |
| Type | STRING |

Endpoint A**Table 3-3026 Endpoint A**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes: |
| Description | Physical port pointer for A end. |
| Displayed name | Endpoint A |
| Mandatory on creation | yes |
| OSS name | portAPointer |
| Read-only | no |
| Tab Panel | General Endpoint A |
| Type | POINTER |

Endpoint Z**Table 3-3027 Endpoint Z**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes: |
| Description | Physical port pointer for Z end. |
| Displayed name | Endpoint Z |
| Mandatory on creation | yes |
| OSS name | portZPointer |
| Read-only | no |
| Tab Panel | General Endpoint Z |
| Type | POINTER |

ITU Channel
Table 3-3028 ITU Channel

| Name | Value |
|--------------------------|---------------------------------------|
| Description | The channel of the connection source. |
| Displayed name | ITU Channel |
| OSS name | srcChannel |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | ITUChannel |
| Enumerated types: | |
| 1310 | |
| 1471 | |
| 1490 | |
| 1491 | |
| 1511 | |
| 1530 | |
| 1531 | |
| 1550 | |
| 1551 | |
| 1571 | |
| 1591 | |
| 1611 | |
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |

Table 3-3028 ITU Channel (continued)

| Name | Value |
|------|-------|
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |

Table 3-3028 ITU Channel (continued)

| Name | Value |
|------|-------|
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |

Table 3-3028 ITU Channel (continued)

| Name | Value |
|------|-------|
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |

Table 3-3028 ITU Channel (continued)

| Name | Value |
|------|-------|
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |

Table 3-3028 ITU Channel (continued)

| Name | Value |
|------|-------|
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |

Table 3-3028 ITU Channel (continued)

| Name | Value |
|------|-------|
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

OCH Trail Name**Table 3-3029 OCH Trail Name**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Can be deployed on NE for OCh cross-connect, or connection group. For OCH XC/XC group the max length is 80, so we keep this for OT XCs too. This is the OCHTrail name for OCH XCs or OCH XC groups. |
| Displayed name | OCH Trail Name |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | xcName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

OCH XC Group
Table 3-3030 OCH XC Group

| Name | Value |
|----------------|--|
| Description | Pointer to a cross-connect group that this cross-connect is a part of. |
| Displayed name | OCH XC Group |
| OSS name | xcGroupPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

OCH XC ID**Table 3-3031 OCH XC ID**

| Name | Value |
|----------------|-------------------------------|
| Description | Crossconnect Index in the NE. |
| Displayed name | OCH XC ID |
| OSS name | ochXcId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Operational Capability**Table 3-3032 Operational Capability**

| Name | Value |
|--------------------------|---|
| Description | The operational capability of the connection. |
| Displayed name | Operational Capability |
| OSS name | operCapability |
| Read-only | no |
| Tab Panel | General States |
| Type | DisabledEnabled |
| Enumerated types: | |
| Disabled | |
| Enabled | |

Operational State
Table 3-3033 Operational State

| Name | Value |
|--------------------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionOperState |
| Enumerated types: | |
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

Power Management Type**Table 3-3034 Power Management Type**

| Name | Value |
|--------------------------|-------------------------------|
| Description | The type of power management. |
| Displayed name | Power Management Type |
| OSS name | powerMgmtType |
| Read-only | no |
| Tab Panel | General General |
| Type | PowerMgmtType |
| Enumerated types: | |
| Auto | |
| Hybrid | |
| Manual | |

Protection Mode**Table 3-3035 Protection Mode**

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | The protection state of the connection. |
| Displayed name | Protection Mode |
| Mandatory on creation | yes |
| OSS name | protectionState |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Site ID**Table 3-3036 Site ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0.0.0.0 |
| Description | Site ID. |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name
Table 3-3037 Site Name

| Name | Value |
|----------------|-----------------|
| Description | Site name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Source**Table 3-3038 Source**

| Name | Value |
|----------------|---|
| Description | Name of the endpoint A, used for display. |
| Displayed name | Source |
| OSS name | endpointAName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

StateQualifier**Table 3-3039 StateQualifier**

| Name | Value |
|--------------------------|--|
| Description | The state qualifier of the connection. |
| Displayed name | StateQualifier |
| OSS name | stateQualifier |
| Read-only | no |
| Tab Panel | General States |
| Type | XcStateQualifier |
| Enumerated types: | |
| | FDI AZ |
| | FDI ZA |
| | In Progress |

Table 3-3039 StateQualifier (continued)

| Name | Value |
|-------------------------|-------|
| Invalid Topology | |
| Manual Override | |
| Mismatched Wave Keys AZ | |
| Mismatched Wave Keys ZA | |
| Port Down | |
| Unknown Wave Key AZ | |
| Unknown Wave Key ZA | |

Wave Key 1 AZ**Table 3-3040 Wave Key 1 AZ**

| Name | Value |
|----------------|---|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchXcItuWaveKeyAutoSelect is true, tnOchXcItuEncodedWaveKey1AZ has been set and the values have been set to 0,a rekey will be performed in the AZ direction. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 1 AZ |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey1AZ |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | INT |

Wave Key 1 ZA**Table 3-3041 Wave Key 1 ZA**

| Name | Value |
|----------------|---|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the reverse direction. If, without setting any other attributes and tnOchXcItuWaveKeyAutoSelect is true, tnOchXcItuEncodedWaveKey1ZA has been set and the values have been set to 0,a rekey will be performed in the ZA direction. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 1 ZA |
| Maximum | 4096 |

Table 3-3041 Wave Key 1 ZA (continued)

| Name | Value |
|-------------|------------------|
| Minimum | 0 |
| OSS name | waveKey1ZA |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | INT |

Wave Key 2 AZ**Table 3-3042 Wave Key 2 AZ**

| Name | Value |
|----------------|---|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchXcItuWaveKeyAutoSelect is true, tnOchXcItuEncodedWaveKey2AZ has been set and the values have been set to 0,a rekey will be performed in the AZ direction. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 2 AZ |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey2AZ |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | INT |

Wave Key 2 ZA**Table 3-3043 Wave Key 2 ZA**

| Name | Value |
|----------------|---|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the reverse direction. If, without setting any other attributes and tnOchXcItuWaveKeyAutoSelect is true, tnOchXcItuEncodedWaveKey2ZA has been set and the values have been set to 0,a rekey will be performed in the ZA direction. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 2 ZA |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey2ZA |

Table 3-3043 Wave Key 2 ZA (continued)

| Name | Value |
|-------------|------------------|
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | INT |

Wave Key Assign Mode**Table 3-3044 Wave Key Assign Mode**

| Name | Value |
|--------------------------|---|
| Description | Indicates how the OCH XC's Wave Keys are selected and distributed to other nodes. |
| Displayed name | Wave Key Assign Mode |
| OSS name | wavekeySelect |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | WavekeySelect |
| Enumerated types: | |
| Auto Keying (NE) | |
| Auto Keying (NMS) | |
| Unkeyed | |

Wave Keying Preference**Table 3-3045 Wave Keying Preference**

| Name | Value |
|--------------------------|---|
| Default | yes:notApplicable |
| Description | Encoder key selection preference for add XC. Setting DupsOk allows use of duplicated key pairs in the domain for this OCH frequency throughout domain. Can be entered at XC creation time or altered via rekey with duplicates command. |
| Displayed name | Wave Keying Preference |
| OSS name | waveKeyingPreference |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | WaveKeyingPreferenceType |
| Enumerated types: | |
| Duplicates Allowed | |

Table 3-3045 Wave Keying Preference (continued)

| Name | Value |
|----------------|-------|
| No Duplicates | |
| None | |
| Not Applicable | |

Z-A Encoder Domain**Table 3-3046 Z-A Encoder Domain**

| Name | Value |
|----------------|--|
| Default | yes:Not Received |
| Description | Displays originating domain number of encoder for ZA direction. -1 indicates not yet received via LSA. |
| Displayed name | Z-A Encoder Domain |
| OSS name | zaEncoderDomain |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | STRING |

Z-A Protection Encoder Domain**Table 3-3047 Z-A Protection Encoder Domain**

| Name | Value |
|----------------|---|
| Default | yes:Not Received |
| Description | Displays originating domain number of encoder for ZA direction for protection XC of OPS protected source. -1 indicates not yet received via LSA |
| Displayed name | Z-A Protection Encoder Domain |
| OSS name | zaProtEncoderDomain |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | STRING |

Z-A Protection Wave Key Reuse Unlocked
Table 3-3048 Z-A Protection Wave Key Reuse Unlocked

| Name | Value |
|--------------------------|--|
| Default | yes:notReceived |
| Description | Displays whether WT key pair re-use is unlocked for this OCh frequency in ZA direction. notReceived(1) indicates not yet received via LSA. |
| Displayed name | Z-A Protection Wave Key Reuse Unlocked |
| OSS name | zaProtWaveKeyReuseUnlocked |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | WaveKeyReuseUnlockType |
| Enumerated types: | |
| | no |
| | Not Received |
| | Yes |

Z-A Rekey**Table 3-3049 Z-A Rekey**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Setting rekeyZA to true allows the user to request a rekey in the Z-A direction. |
| Displayed name | Z-A Rekey |
| OSS name | rekeyZA |
| Read-only | no |
| Tab Panel | General ReKey |
| Type | BOOL |

Z-A Wave Key Reuse Unlocked**Table 3-3050 Z-A Wave Key Reuse Unlocked**

| Name | Value |
|-------------|--|
| Default | yes:notReceived |
| Description | Displays whether WT key pair re-use is unlocked for this OCh frequency in ZA direction. notReceived(1) indicates not yet received via LSA. |

Table 3-3050 Z-A Wave Key Reuse Unlocked (continued)

| Name | Value |
|--------------------------|-----------------------------|
| Displayed name | Z-A Wave Key Reuse Unlocked |
| OSS name | zaWaveKeyReuseUnlocked |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | WaveKeyReuseUnlockType |
| Enumerated types: | |
| | no |
| | Not Received |
| | Yes |

OCH Trail parameters

A to Z

Table 3-3051 A to Z

| Name | Value |
|--------------------------|---|
| Description | Indicates which trail path is the active one in the AZ direction. |
| Displayed name | A to Z |
| OSS name | activePathAZ |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | ProtectionState |
| Enumerated types: | |
| | A1Z1 |
| | A1Z2 |
| | A2Z1 |
| | A2Z2 |
| | Protection |
| | Unprotected |
| | Working |

Administrative State
Table 3-3052 Administrative State

| Name | Value |
|--------------------------|---|
| Default | yes:up |
| Description | The administrative state of the connection. |
| Displayed name | Administrative State |
| Mandatory on creation | yes |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionAdminState |
| Enumerated types: | |
| Automatic In-Service | |
| Blocking | |
| Down | |
| Maintenance | |
| Partially Down | |
| Standby/Backup | |
| Unknown | |
| Up | |

Bidirectional**Table 3-3053 Bidirectional**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Channel
Table 3-3054 Channel

| Name | Value |
|--------------------------|---------------------|
| Default | yes:unAssigned |
| Description | ITU Channel number. |
| Displayed name | Channel |
| Mandatory on creation | yes |
| OSS name | channel |
| Read-only | no |
| Tab Panel | General OCH |
| Type | ITUChannel |
| Enumerated types: | |
| 1310 | |
| 1471 | |
| 1490 | |
| 1491 | |
| 1511 | |
| 1530 | |
| 1531 | |
| 1550 | |
| 1551 | |
| 1571 | |
| 1591 | |
| 1611 | |
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |

Table 3-3054 Channel (continued)

| Name | Value |
|------|-------|
| 8695 | |
| 8700 | |
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |

Table 3-3054 Channel (continued)

| Name | Value |
|------|-------|
| 8860 | |
| 8865 | |
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |

Table 3-3054 Channel (continued)

| Name | Value |
|------|-------|
| 9025 | |
| 9030 | |
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |

Table 3-3054 Channel (continued)

| Name | Value |
|------|-------|
| 9190 | |
| 9195 | |
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |

Table 3-3054 Channel (continued)

| Name | Value |
|------|-------|
| 9355 | |
| 9360 | |
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |

Table 3-3054 Channel (continued)

| Name | Value |
|------|-------|
| 9520 | |
| 9525 | |
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

Connection Type**Table 3-3055 Connection Type**

| Name | Value |
|-----------------------|---------------------|
| Default | yes:unspecified |
| Description | Type of connection. |
| Displayed name | Connection Type |
| Mandatory on creation | yes |
| OSS name | connectionType |
| Read-only | no |
| Tab Panel | General General |
| Type | ConnectionType |

Table 3-3055 Connection Type (continued)

| Name | Value |
|----------------------------|-------|
| Enumerated types: | |
| Multipoint Service Path | |
| OCH CrossConnect | |
| OCH CrossConnect Group | |
| OCH Trail | |
| OCH Trail Path | |
| OCH Trail Path - Preview | |
| ODU Trail | |
| ODU Trail Path | |
| ODU Trail Path - Preview | |
| ODUk CrossConnect | |
| OMS Trail | |
| OMS Trail Path | |
| OT CrossConnect | |
| OTS Trail | |
| OTS Trail Path | |
| OTU Trail | |
| OTU Trail Path | |
| OTU Trail Path - Preview | |
| Port Trail | |
| Service Path | |
| Service Path - Preview | |
| Subnetwork Connection | |
| Transport Service | |
| Virtual OCH CrossConnect | |
| Virtual ODUk Cross Connect | |
| VTS CrossConnect | |

Customer**Table 3-3056 Customer**

| Name | Value |
|----------------|----------|
| Displayed name | Customer |

Table 3-3056 Customer (continued)

| Name | Value |
|-------------|-------------------|
| OSS name | subscriberPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Customer ID**Table 3-3057 Customer ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Customer ID |
| Mandatory on creation | yes |
| OSS name | subscriberId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Customer Name**Table 3-3058 Customer Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | subscriberName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Force Create OCh XC
Table 3-3059 Force Create OCh XC

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates whether the OCH XC should be created by force when power commissioning provisioning state is "InProgress". |
| Displayed name | Force Create OCh XC |
| OSS name | forceXcCreate |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Operational State**Table 3-3060 Operational State**

| Name | Value |
|--------------------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionOperState |
| Enumerated types: | |
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

Path Preference

Table 3-3061 Path Preference

| Name | Value |
|-------------------------------------|---|
| Default | yes:working |
| Description | Indicates whether the working path or the protection path needs to be retained when Trail protection is modified to unprotected |
| Displayed name | Path Preference |
| OSS name | modifyProtectionPreference |
| Read-only | no |
| Tab Panel | General General |
| Type | ModifyProtectionPreference |
| Enumerated types: | |
| None | |
| Retain Path A1Z1 | |
| Retain Path A1Z2 | |
| Retain Path A2Z1 | |
| Retain Path A2Z2 | |
| Retain Protection Path | |
| Retain Termination Points A1 and Z1 | |
| Retain Termination Points A1 and Z2 | |
| Retain Termination Points A2 and Z1 | |
| Retain Termination Points A2 and Z2 | |
| Retain Working Path | |

Plane Type

Table 3-3062 Plane Type

| Name | Value |
|-----------------------|---|
| Default | yes:MP |
| Description | - Management plane, control plane or mixed. |
| Displayed name | Plane Type |
| Mandatory on creation | yes |
| OSS name | managementDomains |
| Read-only | no |
| Tab Panel | General General |

Table 3-3062 Plane Type (continued)

| Name | Value |
|------|-----------------------|
| Type | oth.MgmtAccessDomains |

Protection Level**Table 3-3063 Protection Level**

| Name | Value |
|--------------------------|---|
| Default | yes:unprotected |
| Description | The calculated level of protection based on the underlying server OTN layers. |
| Displayed name | Protection Level |
| Mandatory on creation | yes |
| OSS name | protectionLevel |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionLevel |
| Enumerated types: | |
| Protected | |
| Segment Protected | |
| Unprotected | |

Protection Type**Table 3-3064 Protection Type**

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:unprotected |
| Description | Protection type of the trail. |
| Displayed name | Protection Type |
| OSS name | protection |
| Read-only | no |
| Tab Panel | General General |
| Type | TrailProtectionType |
| Enumerated types: | |
| Diverse Route | |
| OPS Protected | |

Table 3-3064 Protection Type (continued)

| Name | Value |
|-------------------|-------|
| Segment Protected | |
| SNCI Protected | |
| SNCN Protected | |
| SNCNC Protected | |
| Unprotected | |
| Y-Cable Protected | |

Rate**Table 3-3065 Rate**

| Name | Value |
|--------------------------|----------------------------------|
| Description | Indicates the rate of the trail. |
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | AssignedRate |
| Enumerated types: | |
| 100GbE LAN | |
| 10GbE LAN | |
| 1GbE | |
| 3GSDI | |
| 40GbE LAN | |
| 40GbE MLD LAN | |
| BITS | |
| CBR10G | |
| CBR10G3 | |
| CBR2G5 | |
| DCN | |
| DDR | |
| Default | |
| DVBASI | |

Table 3-3065 Rate (continued)

| Name | Value |
|-------------------|-------|
| DVI 6000 | |
| E1 | |
| ESCON | |
| FC100 | |
| FC1200 | |
| FC1600 | |
| FC200 | |
| FC400 | |
| FC800 | |
| FDDI | |
| FE | |
| HDSDI | |
| N/A | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex-3GSDI | |
| ODUFlex-40GBE MLD | |
| ODUFlex-CBR | |

Table 3-3065 Rate (continued)

| Name | Value |
|----------------|-------|
| ODUFlex-DDR | |
| ODUFlex-FC1200 | |
| ODUFlex-FC1600 | |
| ODUFlex-FC400 | |
| ODUFlex-FC800 | |
| ODUFlex-GFP | |
| OMS | |
| ONETRU | |
| OPTSG | |
| OS | |
| OTL4.4 | |
| OTS | |
| OTU1 | |
| OTU1f | |
| OTU2 | |
| OTU2e | |
| OTU3 | |
| OTU3e2 | |
| OTU4 | |
| OTU4x2 | |
| SDR | |
| SDSDI | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| SubGigE | |
| TOD | |
| Unassigned | |
| Unknown | |

Regen Response
Table 3-3066 Regen Response

| Name | Value |
|--------------------------|-----------------|
| Default | yes:unknown |
| Description | Regen Response. |
| Displayed name | Regen Response |
| OSS name | regenResponse |
| Read-only | no |
| Tab Panel | General OCH |
| Type | LosPropagation |
| Enumerated types: | |
| LASER OFF | |
| LASER ON | |
| Unknown | |

Trail ID**Table 3-3067 Trail ID**

| Name | Value |
|-----------------------|-------------------------------|
| Default | yes:0 |
| Description | Unique id for the Connection. |
| Displayed name | Trail ID |
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | connId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Trail Name**Table 3-3068 Trail Name**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-3068 Trail Name (continued)

| Name | Value |
|----------------|-----------------------------------|
| Description | Displayed name of the Connection. |
| Displayed name | Trail Name |
| Maximum | 256 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Wave Key Assign Mode**Table 3-3069 Wave Key Assign Mode**

| Name | Value |
|--------------------------|--------------------------|
| Default | yes:auto |
| Description | Wavekey generation mode. |
| Displayed name | Wave Key Assign Mode |
| Mandatory on creation | yes |
| OSS name | wavekeyAssignMode |
| Read-only | no |
| Tab Panel | General OCH |
| Type | WavekeySelect |
| Enumerated types: | |
| Auto Keying (NE) | |
| Auto Keying (NMS) | |
| Unkeyed | |

Z to A**Table 3-3070 Z to A**

| Name | Value |
|----------------|---|
| Description | Indicates which trail path is the active one in the ZA direction. |
| Displayed name | Z to A |
| OSS name | activePathZA |

Table 3-3070 Z to A (continued)

| Name | Value |
|--------------------------|---------------------|
| Read-only | no |
| Tab Panel | General Active Path |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

OchCtp parameters

Assigned Rate

Table 3-3071 Assigned Rate

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Channel

Table 3-3072 Channel

| Name | Value |
|----------------|---|
| Description | The CWDM or DWDM channel from the ITU grid. |
| Displayed name | Channel |
| OSS name | channel |
| Read-only | no |

Table 3-3072 Channel (continued)

| Name | Value |
|-------------|--------------------|
| Tab Panel | General General |
| Type | optical.ITUChannel |

Ctp ID**Table 3-3073 Ctp ID**

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Layer Type**Table 3-3074 Layer Type**

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.LayerType |

Name**Table 3-3075 Name**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-3075 Name (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site ID**Table 3-3076 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-3077 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

ODU Cross Connect parameters

Bidirectional

Table 3-3078 Bidirectional

| Name | Value |
|-----------------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| Mandatory on creation | yes |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Destination

Table 3-3079 Destination

| Name | Value |
|----------------|---|
| Description | Name of the endpoint Z, used for display. |
| Displayed name | Destination |
| OSS name | endpointZName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

ID

Table 3-3080 ID

| Name | Value |
|-----------------------|-----------------------------------|
| Default | yes:0 |
| Description | SAM generated XC id used for FDN. |
| Displayed name | ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | xcId |

Table 3-3080 ID (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Name**Table 3-3081 Name**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Can be deployed on NE for OCh cross-connect, or connection group. For OCH XC/XC group the max length is 80, so we keep this for OT XCs too. This is the OCHTrail name for OCH XCs or OCH XC groups. |
| Displayed name | Name |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | xcName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Protection State**Table 3-3082 Protection State**

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | The protection state of the connection. |
| Displayed name | Protection State |
| Mandatory on creation | yes |
| OSS name | protectionState |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |

Table 3-3082 Protection State (continued)

| Name | Value |
|-------------|-------|
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Rate**Table 3-3083 Rate**

| Name | Value |
|--------------------------|------------------------------|
| Description | The OduK cross connect Rate. |
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | odukXcRate |
| Read-only | no |
| Tab Panel | General General |
| Type | OduKXcRate |
| Enumerated types: | |
| Null | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUflex | |
| ODUFlex-CBR | |

Table 3-3083 Rate (continued)

| Name | Value |
|---------------|-------|
| ODUFlex-GFP | |
| ODUflex_3GSDI | |
| ODUflex_FC400 | |
| ODUflex_SDR | |
| OPTSG | |

Site ID**Table 3-3084 Site ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0.0.0.0 |
| Description | Site ID. |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-3085 Site Name**

| Name | Value |
|----------------|-----------------|
| Description | Site name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Source
Table 3-3086 Source

| Name | Value |
|----------------|---|
| Description | Name of the endpoint A, used for display. |
| Displayed name | Source |
| OSS name | endpointAName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

ODU NIM parameters

Administrative State

Table 3-3087 Administrative State

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Administrative state of the interface. It may be used to suppress the alarms or disable consequent actions on the entity. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.XcState |

AINS Countdown

Table 3-3088 AINS Countdown

| Name | Value |
|----------------|---------------------------|
| Displayed name | AINS Countdown |
| OSS name | ainsDebounceTimeRemaining |
| Read-only | yes |
| Tab Panel | States AINS |
| Type | STRING |
| Units | HH:MM |

AINS State
Table 3-3089 AINS State

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Description | AINS state of the interface. |
| Displayed name | AINS State |
| OSS name | ainsState |
| Read-only | no |
| Tab Panel | States AINS |
| Type | BOOL |

AINS Timer**Table 3-3090 AINS Timer**

| Name | Value |
|----------------|------------------|
| Displayed name | AINS Timer |
| OSS name | ainsDebounceTime |
| Read-only | no |
| Tab Panel | States AINS |
| Type | STRING |
| Units | HH:MM |

Alarm Profile**Table 3-3091 Alarm Profile**

| Name | Value |
|----------------|---------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Assigned Rate**Table 3-3092 Assigned Rate**

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Clear All Bins**Table 3-3093 Clear All Bins**

| Name | Value |
|----------------|---|
| Default | yes:noCmd |
| Description | Clear all ODURx and ODUTx PMs in both current 15 minute bin and the current 1 day interval. |
| Displayed name | Clear All Bins |
| OSS name | clearAllBins |
| Read-only | no |
| Tab Panel | General Stats Control |
| Type | optical.PerformCommand |

Ctp ID**Table 3-3094 Ctp ID**

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |

Table 3-3094 Ctp ID (continued)

| Name | Value |
|------|-------|
| Type | INT |

Layer Type**Table 3-3095 Layer Type**

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.LayerType |

Name**Table 3-3096 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

ODU Rx PM Enabled**Table 3-3097 ODU Rx PM Enabled**

| Name | Value |
|----------------|----------------------------------|
| Description | Enable and disable the ODURx PM. |
| Displayed name | ODU Rx PM Enabled |
| OSS name | statsRxEnable |

Table 3-3097 ODU Rx PM Enabled (continued)

| Name | Value |
|-------------|-----------------------|
| Read-only | no |
| Tab Panel | General Stats Control |
| Type | BOOL |

ODU Tx PM Enabled**Table 3-3098 ODU Tx PM Enabled**

| Name | Value |
|----------------|----------------------------------|
| Description | Enable and disable the ODUTx PM. |
| Displayed name | ODU Tx PM Enabled |
| OSS name | statsTxEnable |
| Read-only | no |
| Tab Panel | General Stats Control |
| Type | BOOL |

Operational Capability**Table 3-3099 Operational Capability**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:disabled |
| Displayed name | Operational Capability |
| OSS name | operationalCapability |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.OperationalCapability |

Operational State**Table 3-3100 Operational State**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:unknown |
| Description | Operational state of the interface. |
| Displayed name | Operational State |

Table 3-3100 Operational State (continued)

| Name | Value |
|-------------|------------------|
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.XcState |

Primary State**Table 3-3101 Primary State**

| Name | Value |
|----------------|--------------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.PrimaryStateType |

Rate**Table 3-3102 Rate**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:null |
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.OduRate |

Secondary State**Table 3-3103 Secondary State**

| Name | Value |
|---------|-----------------|
| Default | yes:unspecified |

Table 3-3103 Secondary State (continued)

| Name | Value |
|----------------|----------------------------|
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.SecondaryStateType |

Site ID**Table 3-3104 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site ID**Table 3-3105 Site ID**

| Name | Value |
|----------------|---|
| Description | If site is the network element, siteId is the neId. |
| Displayed name | Site ID |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-3106 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-3107 Site Name**

| Name | Value |
|----------------|---|
| Description | If site is the network element, siteName is its name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

State Qualifier**Table 3-3108 State Qualifier**

| Name | Value |
|----------------|------------------------|
| Displayed name | State Qualifier |
| OSS name | stateQualifier |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.StateQualifier |

TCA Profile
Table 3-3109 TCA Profile

| Name | Value |
|----------------|-------------------|
| Displayed name | TCA Profile |
| OSS name | tcaProfilePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Use System AINS Timer**Table 3-3110 Use System AINS Timer**

| Name | Value |
|----------------|--------------------------|
| Displayed name | Use System AINS Timer |
| OSS name | usingSysAinsDebounceTime |
| Read-only | no |
| Tab Panel | States AINS |
| Type | BOOL |

ODU NIM Point parameters**Directionality****Table 3-3111 Directionality**

| Name | Value |
|-----------------------|--------------------------|
| Displayed name | Directionality |
| Mandatory on creation | yes |
| OSS name | directionality |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.OdukNimIndexType |

Expected DAPI
Table 3-3112 Expected DAPI

| Name | Value |
|----------------|---|
| Description | The DAPI expected by the receiver. This object has no effect when timDetMode has the value off(1) or dapi(2). {BR} DAPI: Destination Access Point Identifier. |
| Displayed name | Expected DAPI |
| Maximum | 31 |
| Minimum | 0 |
| OSS name | expectedDapi |
| Read-only | no |
| Tab Panel | General Path Overhead Monitoring TTI |
| Type | STRING |

Expected TTI**Table 3-3113 Expected TTI**

| Name | Value |
|----------------|---|
| Description | The SAPI expected by the receiver. This object has no effect when timDetMode has the value off(1). {BR} SAPI: Source Access Point Identifier. |
| Displayed name | Expected TTI |
| Maximum | 31 |
| Minimum | 0 |
| OSS name | expectedSapi |
| Read-only | no |
| Tab Panel | General Path Overhead Monitoring TTI |
| Type | STRING |

Incoming DAPI**Table 3-3114 Incoming DAPI**

| Name | Value |
|----------------|--|
| Description | The second 16 octets (TTI[16]-TTI[31]) of acceptedTti. |
| Displayed name | Incoming DAPI |
| OSS name | rxDapi |
| Read-only | yes |

Table 3-3114 Incoming DAPI (continued)

| Name | Value |
|-------------|--------------------------------------|
| Tab Panel | General Path Overhead Monitoring TTI |
| Type | STRING |

Incoming OS**Table 3-3115 Incoming OS**

| Name | Value |
|----------------|--|
| Description | The last 32 octets (TTI[32]-TTI[63]) of acceptedTti. |
| Displayed name | Incoming OS |
| OSS name | rxOs |
| Read-only | yes |
| Tab Panel | General Path Overhead Monitoring TTI |
| Type | STRING |

Incoming TTI**Table 3-3116 Incoming TTI**

| Name | Value |
|----------------|--|
| Description | The first 16 octets (TTI[0]-TTI[15]) of acceptedTti. |
| Displayed name | Incoming TTI |
| OSS name | rxSapi |
| Read-only | yes |
| Tab Panel | General Path Overhead Monitoring TTI |
| Type | STRING |

Incoming TTI Status**Table 3-3117 Incoming TTI Status**

| Name | Value |
|----------------|--------------------------------------|
| Displayed name | Incoming TTI Status |
| OSS name | incTtiStatus |
| Read-only | yes |
| Tab Panel | General Path Overhead Monitoring TTI |

Table 3-3117 Incoming TTI Status (continued)

| Name | Value |
|------|--------|
| Type | STRING |

Name**Table 3-3118 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Path Overhead Monitoring**Table 3-3119 Path Overhead Monitoring**

| Name | Value |
|----------------|--|
| Description | True activates non-intrusive monitoring. |
| Displayed name | Path Overhead Monitoring |
| OSS name | pomEnabled |
| Read-only | no |
| Tab Panel | General Path Overhead Monitoring TTI |
| Type | BOOL |

Signal Degrade Burst Interval**Table 3-3120 Signal Degrade Burst Interval**

| Name | Value |
|----------------|---|
| Description | Burst Interval specifies the number of consecutive bad seconds (see parameter BRSTTH) to be detected before {BR} declaring a signal degrade defect (SDBER) on the ODU path layer. The defect is cleared if BRSTINTVL consecutive {BR} good seconds (see parameter BRSTTH) are detected. |
| Displayed name | Signal Degrade Burst Interval |

Table 3-3120 Signal Degrade Burst Interval (continued)

| Name | Value |
|-------------|----------------------------|
| Maximum | 10 |
| Minimum | 2 |
| OSS name | signalDegradeBurstInterval |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Signal Degrade Burst Threshold**Table 3-3121 Signal Degrade Burst Threshold**

| Name | Value |
|----------------|--|
| Description | Burst Threshold specifies a number of errored blocks on the ODU path layer. A second is declared as good if the number of detected errored blocks within one second is less than BRSTTH; otherwise the second is declared as bad second. |
| Displayed name | Signal Degrade Burst Threshold |
| Maximum | 856388 |
| Minimum | 1 |
| OSS name | signalDegradeBurstThreshold |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Site ID**Table 3-3122 Site ID**

| Name | Value |
|----------------|---|
| Description | If site is the network element, siteId is the neId. |
| Displayed name | Site ID |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name
Table 3-3123 Site Name

| Name | Value |
|----------------|---|
| Description | If site is the network element, siteName is its name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

TTI Comparison**Table 3-3124 TTI Comparison**

| Name | Value |
|----------------|---|
| Default | yes:off |
| Description | Indicates the mode of the Trace Identifier Mismatch (TIM) Detection function. |
| Displayed name | TTI Comparison |
| OSS name | timDetMode |
| Read-only | no |
| Tab Panel | General Path Overhead Monitoring TTI |
| Type | optical.TimDetectionMode |

TTI Mismatch Response**Table 3-3125 TTI Mismatch Response**

| Name | Value |
|----------------|--|
| Description | Indicates whether the Trace Identifier Mismatch (TIM) Consequent Action function is enabled. |
| Displayed name | TTI Mismatch Response |
| OSS name | timActEnabled |
| Read-only | no |
| Tab Panel | General Path Overhead Monitoring TTI |
| Type | BOOL |

TTI Status
Table 3-3126 TTI Status

| Name | Value |
|----------------|--------------------------------------|
| Description | TTI status. |
| Displayed name | TTI Status |
| OSS name | tTiStatus |
| Read-only | yes |
| Tab Panel | General Path Overhead Monitoring TTI |
| Type | optical.AluWdmTtiStatus |

ODU Path Termination parameters

Administrative State**Table 3-3127 Administrative State**

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Administrative state of the interface. It may be used to suppress the alarms or disable consequent actions on the entity. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.XcState |

AINS Countdown**Table 3-3128 AINS Countdown**

| Name | Value |
|----------------|---------------------------|
| Displayed name | AINS Countdown |
| OSS name | ainsDebounceTimeRemaining |
| Read-only | yes |
| Tab Panel | States AINS |
| Type | STRING |
| Units | HH:MM |

AINS State
Table 3-3129 AINS State

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Description | AINS state of the interface. |
| Displayed name | AINS State |
| OSS name | ainsState |
| Read-only | no |
| Tab Panel | States AINS |
| Type | BOOL |

AINS Timer**Table 3-3130 AINS Timer**

| Name | Value |
|----------------|------------------|
| Displayed name | AINS Timer |
| OSS name | ainsDebounceTime |
| Read-only | no |
| Tab Panel | States AINS |
| Type | STRING |
| Units | HH:MM |

Alarm Profile**Table 3-3131 Alarm Profile**

| Name | Value |
|----------------|---------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

APS Enabled
Table 3-3132 APS Enabled

| Name | Value |
|----------------|---|
| Description | Enable or disable the proprietary APS bytes insertion in the ODU2 overhead. |
| Displayed name | APS Enabled |
| OSS name | apsEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.APSSConfigType |

Assigned Rate**Table 3-3133 Assigned Rate**

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Clear All Bins**Table 3-3134 Clear All Bins**

| Name | Value |
|----------------|---|
| Default | yes:noCmd |
| Description | Clear all ODURx and ODUTx PMs in both current 15 minute bin and the current 1 day interval. |
| Displayed name | Clear All Bins |
| OSS name | clearAllBins |
| Read-only | no |
| Tab Panel | General Stats Control |
| Type | optical.PerformCommand |

Client Payload Type
Table 3-3135 Client Payload Type

| Name | Value |
|--------------------------|---|
| Description | Type of client signal fail format. Indicates the kind of format of signal carrying client signal fail indication. The signal is generated by the addressed ODU to the far end. LCS - Loss of Client signal. GFP frame reporting CSF indication has UPI equal to 1, that means Loss of Client signal, this value is not recommended by Standard ITU-T G.7041. LCCS - Loss of client character Synchronization. GFP frame reporting CSF indication has UPI equal to 2, that means Loss of client character Synchronization, this value is recommended by Standard ITU-T G.7041. |
| Displayed name | Client Payload Type |
| OSS name | payloadType |
| Read-only | no |
| Tab Panel | General ODU Payload |
| Type | CSPayloadType |
| Enumerated types: | |
| 1000BaseX | |
| AMCC | |
| ASCBR | |
| BSCBR | |
| CAMCC | |
| GBENTTT | |
| GFP | |
| ODUM | |
| ODUMPT21 | |
| OLDAMCC | |
| STM1OC3 | |
| STM4OC12 | |

Connection Monitoring End Point Mode**Table 3-3136 Connection Monitoring End Point Mode**

| Name | Value |
|----------------|--------------------------------------|
| Default | yes:bypass |
| Description | Connection monitoring End Point Mode |
| Displayed name | Connection Monitoring End Point Mode |
| OSS name | connectionMonitoringEndPointMode |

Table 3-3136 Connection Monitoring End Point Mode (continued)

| Name | Value |
|--------------------------|--------------------------------------|
| Read-only | no |
| Tab Panel | General Delay Measurement Attributes |
| Type | CMEPMode |
| Enumerated types: | |
| Bypass | |
| Destination | |
| Source | |

CSF Format**Table 3-3137 CSF Format**

| Name | Value |
|--------------------------|---|
| Description | Type of client signal fail format. Indicates the kind of format of signal carrying client signal fail indication. The signal is generated by the addressed ODU to the far end. LCS - Loss of Client signal. GFP frame reporting CSF indication has UPI equal to 1, that means Loss of Client signal, this value is not recommended by Standard ITU-T G.7041. LCCS - Loss of client character Synchronization. GFP frame reporting CSF indication has UPI equal to 2, that means Loss of client character Synchronization, this value is recommended by Standard ITU-T G.7041. |
| Displayed name | CSF Format |
| OSS name | csfType |
| Read-only | no |
| Tab Panel | General General |
| Type | CSFType |
| Enumerated types: | |
| LCCS | |
| LCS | |

CSF Propagation
Table 3-3138 CSF Propagation

| Name | Value |
|--------------------------|--|
| Description | Propagation of Client Signal Fail indication. Displays modalities of the propagation of Client Signal Fail indication. The signal is generated by the addressed ODU to the far end. FWD - Forward CSF Propagation. Failure on the interface at client side will be propagated forward by the addressed ODU as Client Signal Fail indication to the far end. FWDBWD - Forward and Backward CSF Propagation. Failure on the interface at client side will be propagated forward by the addressed ODU as Client Signal Fail indication to the far end. Server Signal Fail alarm detected by the addressed ODU will be propagated in the backward direction as the Client Signal Fail to the far end. NONE - No CSF Propagation. |
| Displayed name | CSF Propagation |
| OSS name | csfPropogationMode |
| Read-only | no |
| Tab Panel | General General |
| Type | CSFPropogationMode |
| Enumerated types: | |
| FWD | |
| FWDBWD | |
| FWDGFPENH | |
| NONE | |

Ctp ID**Table 3-3139 Ctp ID**

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Data Bearer Details
Table 3-3140 Data Bearer Details

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to gmpls.Databearer instance discovered through the CORBA interface. Applicable if the virtual ODU PTF is being used in a databearer. |
| Displayed name | Data Bearer Details |
| OSS name | dataBearerPointer |
| Read-only | yes |
| Tab Panel | General ASON Control Plane - Data Bearer |
| Type | POINTER |

DM Current Status**Table 3-3141 DM Current Status**

| Name | Value |
|--------------------------|--------------------------------------|
| Default | yes:none |
| Description | Delay measurement - current status |
| Displayed name | DM Current Status |
| OSS name | delayMeasurementCurrentStatus |
| Read-only | yes |
| Tab Panel | General Delay Measurement Attributes |
| Type | DMCurrentStatus |
| Enumerated types: | |
| | |
| Invalid | |
| N/A | |
| Valid | |

DM Current Value**Table 3-3142 DM Current Value**

| Name | Value |
|----------------|-----------------------------------|
| Description | Delay measurement - current value |
| Displayed name | DM Current Value |

Table 3-3142 DM Current Value (continued)

| Name | Value |
|-------------|--------------------------------------|
| OSS name | delayMeasurementCurrentValue |
| Read-only | yes |
| Tab Panel | General Delay Measurement Attributes |
| Type | FLOAT |

Expected DAPI**Table 3-3143 Expected DAPI**

| Name | Value |
|----------------|--|
| Description | The DAPI expected by the receiver. This object has no effect when timDetMode has the value off(1) or dapi(2).{BR} DAPI: Destination Access Point Identifier. |
| Displayed name | Expected DAPI |
| Maximum | 31 |
| Minimum | 0 |
| OSS name | expectedDapi |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

Expected TTI**Table 3-3144 Expected TTI**

| Name | Value |
|----------------|--|
| Description | The SAPI expected by the receiver. This object has no effect when timDetMode has the value off(1).{BR} SAPI: Source Access Point Identifier. |
| Displayed name | Expected TTI |
| Maximum | 31 |
| Minimum | 0 |
| OSS name | expectedSapi |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

Incoming Backward FTFL Operator ID**Table 3-3145 Incoming Backward FTFL Operator ID**

| Name | Value |
|----------------|---|
| Description | This is for ODUk Backward FTFL Oper Id. |
| Displayed name | Incoming Backward FTFL Operator ID |
| OSS name | oduBkwrFTFLOperId |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming Backward FTFL Type ID**Table 3-3146 Incoming Backward FTFL Type ID**

| Name | Value |
|----------------|---|
| Description | This is for ODUk Backward FTFL Type Id. |
| Displayed name | Incoming Backward FTFL Type ID |
| OSS name | oduBkwrFTFLTypeId |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming DAPI**Table 3-3147 Incoming DAPI**

| Name | Value |
|----------------|--|
| Description | The second 16 octets (TTI[16]-TTI[31]) of acceptedTti. |
| Displayed name | Incoming DAPI |
| OSS name | rxDapi |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | STRING |

Incoming EXP**Table 3-3148 Incoming EXP**

| Name | Value |
|----------------|---|
| Description | This is for OduK Backward Incoming EXP. |
| Displayed name | Incoming EXP |
| OSS name | odukIncFtlExp |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming Forward FTFL Operator ID**Table 3-3149 Incoming Forward FTFL Operator ID**

| Name | Value |
|----------------|--|
| Description | This is for ODUK Forward FTFL Oper Id. |
| Displayed name | Incoming Forward FTFL Operator ID |
| OSS name | oduFwrFTFLOperId |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming Forward FTFL Type ID**Table 3-3150 Incoming Forward FTFL Type ID**

| Name | Value |
|----------------|--|
| Description | This is for ODUK Forward FTFL Type Id. |
| Displayed name | Incoming Forward FTFL Type ID |
| OSS name | oduFwrFTFLTypeId |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming OS**Table 3-3151 Incoming OS**

| Name | Value |
|----------------|--|
| Description | The last 32 octets (TTI[32]-TTI[63]) of acceptedTti. |
| Displayed name | Incoming OS |
| OSS name | rxOs |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | STRING |

Incoming TTI**Table 3-3152 Incoming TTI**

| Name | Value |
|----------------|---|
| Description | The fist 16 octets (TTI[0]-TTI[15]) of acceptedTti. |
| Displayed name | Incoming TTI |
| OSS name | rxSapi |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | STRING |

Incoming TTI Status**Table 3-3153 Incoming TTI Status**

| Name | Value |
|----------------|---------------------|
| Displayed name | Incoming TTI Status |
| OSS name | incTtiStatus |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | STRING |

Layer Type
Table 3-3154 Layer Type

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.LayerType |

Management Access Domain**Table 3-3155 Management Access Domain**

| Name | Value |
|--------------------------|---|
| Default | yes:unknown |
| Description | Management Access Domain determines how the facility is managed (i.e. to which manager assigned). |
| Displayed name | Management Access Domain |
| OSS name | mgmtAccessDomain |
| Read-only | yes |
| Tab Panel | General General |
| Type | MgmtAccessDomains |
| Enumerated types: | |
| Control Plane | |
| Management Plane | |
| Mixed Plane | |
| None | |

Name**Table 3-3156 Name**

| Name | Value |
|----------------|-------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |

Table 3-3156 Name (continued)

| Name | Value |
|-------------|-----------------|
| Minimum | 0 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

ODU Rx PM Enabled**Table 3-3157 ODU Rx PM Enabled**

| Name | Value |
|----------------|----------------------------------|
| Description | Enable and disable the ODURx PM. |
| Displayed name | ODU Rx PM Enabled |
| OSS name | statsRxEnable |
| Read-only | no |
| Tab Panel | General Stats Control |
| Type | BOOL |

Operational Capability**Table 3-3158 Operational Capability**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:disabled |
| Displayed name | Operational Capability |
| OSS name | operationalCapability |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.OperationalCapability |

Operational State**Table 3-3159 Operational State**

| Name | Value |
|---------|-------------|
| Default | yes:unknown |

Table 3-3159 Operational State (continued)

| Name | Value |
|----------------|-------------------------------------|
| Description | Operational state of the interface. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.XcState |

Payload Type

Table 3-3160 Payload Type

| Name | Value |
|----------------|---|
| Description | The ODUk payload type value provisioned on the transmitting direction. This is applicable only to an ODU adaptation function. |
| Displayed name | Payload Type |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | txPayloadType |
| Read-only | no |
| Tab Panel | General ODU Payload |
| Type | INT |

Payload Type Mismatch Response

Table 3-3161 Payload Type Mismatch Response

| Name | Value |
|----------------|---|
| Description | Payload Type Mismatch (PLM) consequence action. |
| Displayed name | Payload Type Mismatch Response |
| OSS name | plmConsequenceAction |
| Read-only | no |
| Tab Panel | General ODU Payload |
| Type | BOOL |

Primary State
Table 3-3162 Primary State

| Name | Value |
|----------------|--------------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.PrimaryStateType |

Rate**Table 3-3163 Rate**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:null |
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.OduRate |

Received Payload Structure**Table 3-3164 Received Payload Structure**

| Name | Value |
|----------------|--|
| Description | The received ODU payload structure value. It is retrieved from the received ODU MSI bytes. |
| Displayed name | Received Payload Structure |
| OSS name | rxOduStruct |
| Read-only | yes |
| Tab Panel | General ODU Payload Structure |
| Type | STRING |

Secondary State
Table 3-3165 Secondary State

| Name | Value |
|----------------|----------------------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.SecondaryStateType |

Signal Degrade Burst Interval**Table 3-3166 Signal Degrade Burst Interval**

| Name | Value |
|----------------|---|
| Description | Burst Interval specifies the number of consecutive bad seconds (see parameter BRSTTH) to be detected before {BR} declaring a signal degrade defect (SDBER) on the ODU path layer. The defect is cleared if BRSTINTVL consecutive {BR} good seconds (see parameter BRSTTH) are detected. |
| Displayed name | Signal Degrade Burst Interval |
| Maximum | 10 |
| Minimum | 2 |
| OSS name | signalDegradeBurstInterval |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Signal Degrade Burst Threshold**Table 3-3167 Signal Degrade Burst Threshold**

| Name | Value |
|----------------|---|
| Description | Burst Threshold specifies a number of errored blocks on the ODU path layer. A second is declared as good {BR} if the number of detected errored blocks within one second is less than BRSTTH; otherwise the second is declared as bad second. |
| Displayed name | Signal Degrade Burst Threshold |
| Maximum | 856388 |
| Minimum | 1 |
| OSS name | signalDegradeBurstThreshold |

Table 3-3167 Signal Degrade Burst Threshold (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Site ID**Table 3-3168 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site ID**Table 3-3169 Site ID**

| Name | Value |
|----------------|---|
| Description | If site is the network element, siteId is the neId. |
| Displayed name | Site ID |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-3170 Site Name**

| Name | Value |
|----------------|-----------|
| Default | yes: |
| Displayed name | Site Name |

Table 3-3170 Site Name (continued)

| Name | Value |
|-------------|--------------|
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name

Table 3-3171 Site Name

| Name | Value |
|----------------|---|
| Description | If site is the network element, siteName is its name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

State Qualifier

Table 3-3172 State Qualifier

| Name | Value |
|----------------|------------------------|
| Displayed name | State Qualifier |
| OSS name | stateQualifier |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.StateQualifier |

Supported Client Payload Types

Table 3-3173 Supported Client Payload Types

| Name | Value |
|----------------|--|
| Description | Payload Type. Indicates the client signal being carried by the ODUPTE. |
| Displayed name | Supported Client Payload Types |

Table 3-3173 Supported Client Payload Types (continued)

| Name | Value |
|--------------------------|-----------------------|
| OSS name | supportedPayloadTypes |
| Read-only | yes |
| Tab Panel | General ODU Payload |
| Type | PayloadTypes |
| Enumerated types: | |
| 1000BaseX | |
| AMCC | |
| ASCBR | |
| BSCBR | |
| CAMCC | |
| GBENTTT | |
| GFP | |
| ODUM | |
| ODUMPT21 | |
| OLDAMCC | |
| STM1OC3 | |
| STM4OC12 | |

TCA Profile**Table 3-3174 TCA Profile**

| Name | Value |
|----------------|-------------------|
| Displayed name | TCA Profile |
| OSS name | tcaProfilePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Transmit DAPI**Table 3-3175 Transmit DAPI**

| Name | Value |
|-------------|--|
| Description | Transmitted Trail Trace Identifier (TTI), Transmit Destination Access Point Identifier |

Table 3-3175 Transmit DAPI (continued)

| Name | Value |
|----------------|---------------|
| Displayed name | Transmit DAPI |
| Maximum | 31 |
| Minimum | 0 |
| OSS name | txDapi |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

Transmit OS**Table 3-3176 Transmit OS**

| Name | Value |
|----------------|---|
| Description | Transmitted Trail Trace Identifier (TTI), Transmit Source Access Point Identifier |
| Displayed name | Transmit OS |
| Maximum | 65 |
| Minimum | 0 |
| OSS name | txOs |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

Transmitted Payload Structure**Table 3-3177 Transmitted Payload Structure**

| Name | Value |
|----------------|---|
| Description | The transmitted ODU payload structure value. It is programmed into the transmitted ODU MSI bytes. |
| Displayed name | Transmitted Payload Structure |
| OSS name | txOduStruct |
| Read-only | yes |
| Tab Panel | General ODU Payload Structure |
| Type | STRING |

Transmitted TTI**Table 3-3178 Transmitted TTI**

| Name | Value |
|----------------|--|
| Description | Transmitted Trail Trace Identifier (TTI), Transmit Source Access Point Identifier. |
| Displayed name | Transmitted TTI |
| Maximum | 31 |
| Minimum | 0 |
| OSS name | txSapi |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

TTI Comparison**Table 3-3179 TTI Comparison**

| Name | Value |
|----------------|---|
| Description | Indicates the mode of the Trace Identifier Mismatch (TIM) Detection function. |
| Displayed name | TTI Comparison |
| OSS name | timDetMode |
| Read-only | no |
| Tab Panel | General TTI |
| Type | optical.TimDetectionMode |

TTI Mismatch Response**Table 3-3180 TTI Mismatch Response**

| Name | Value |
|----------------|--|
| Description | Indicates whether the Trace Identifier Mismatch (TIM) Consequent Action function is enabled. |
| Displayed name | TTI Mismatch Response |
| OSS name | timActEnabled |
| Read-only | no |
| Tab Panel | General TTI |
| Type | BOOL |

TTI Status
Table 3-3181 TTI Status

| Name | Value |
|----------------|-------------------------|
| Description | TTI status. |
| Displayed name | TTI Status |
| OSS name | ttiStatus |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | optical.AluWdmTtiStatus |

Use System AINS Timer**Table 3-3182 Use System AINS Timer**

| Name | Value |
|----------------|--------------------------|
| Displayed name | Use System AINS Timer |
| OSS name | usingSysAinsDebounceTime |
| Read-only | no |
| Tab Panel | States AINS |
| Type | BOOL |

ODU Trail parameters**A to Z****Table 3-3183 A to Z**

| Name | Value |
|--------------------------|---|
| Description | Indicates which trail path is the active one in the AZ direction. |
| Displayed name | A to Z |
| OSS name | activePathAZ |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |

Table 3-3183 A to Z (continued)

| Name | Value |
|-------------|-------|
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

A-Z Expected TTI**Table 3-3184 A-Z Expected TTI**

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | ODU expected Trail Trace Identifier in Z End of Trail (A-Z direction). For 1830PSS nodes, valid range is [0..15] bytes. For other nodes, valid range is [0..64] bytes. |
| Displayed name | A-Z Expected TTI |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | expectedSapiZA |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

A-Z Transmitted OS**Table 3-3185 A-Z Transmitted OS**

| Name | Value |
|----------------|---|
| Default | yes:N/A |
| Description | Transmitted Trail Trace Identifier (TTI), Transmit Source Access Point Identifier |
| Displayed name | A-Z Transmitted OS |
| Maximum | 65 |
| Minimum | 0 |
| OSS name | txOsAz |
| Read-only | no |

Table 3-3185 A-Z Transmitted OS (continued)

| Name | Value |
|-------------|------------------------|
| Tab Panel | General TTI Attributes |
| Type | STRING |

A-Z Transmitted TTI**Table 3-3186 A-Z Transmitted TTI**

| Name | Value |
|----------------|---|
| Default | yes:N/A |
| Description | ODU transmitted Trail Trace Identifier at A End of Trail (A-Z direction). For 1830PSS nodes, valid range is [0..15] bytes. For other nodes, valid range is [0..64] bytes. |
| Displayed name | A-Z Transmitted TTI |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | txSapiAZ |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

Additional Information**Table 3-3187 Additional Information**

| Name | Value |
|--------------------------|--|
| Description | Indicates why operational state is down for this connection. |
| Displayed name | Additional Information |
| OSS name | stateCause |
| Read-only | yes |
| Tab Panel | General States |
| Type | OperationalFlags |
| Enumerated types: | |
| Cross Connect Down | |
| Missing Cross Connect | |
| Missing ODUk Connection | |
| Missing VTS Connection | |

Table 3-3187 Additional Information (continued)

| Name | Value |
|--|-------|
| OCH Trail Name Mismatch | |
| Port (that is not part of CrossConnect) Down | |
| VTs Connection is Down | |
| Wave Key Mode Mismatch | |

Administrative State**Table 3-3188 Administrative State**

| Name | Value |
|--------------------------|---|
| Default | yes:up |
| Description | The administrative state of the connection. |
| Displayed name | Administrative State |
| Mandatory on creation | yes |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionAdminState |
| Enumerated types: | |
| Automatic In-Service | |
| Blocking | |
| Down | |
| Maintenance | |
| Partially Down | |
| Standby/Backup | |
| Unknown | |
| Up | |

Asymmetric Interworking**Table 3-3189 Asymmetric Interworking**

| Name | Value |
|-------------|--|
| Default | yes:false |
| Description | Indicates if this trail is interworking between OTH and non-OTH endpoints. |

Table 3-3189 Asymmetric Interworking (continued)

| Name | Value |
|----------------|-------------------------|
| Displayed name | Asymmetric Interworking |
| OSS name | interworking |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Bidirectional**Table 3-3190 Bidirectional**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Connection Type**Table 3-3191 Connection Type**

| Name | Value |
|--------------------------|---------------------|
| Default | yes:unspecified |
| Description | Type of connection. |
| Displayed name | Connection Type |
| Mandatory on creation | yes |
| OSS name | connectionType |
| Read-only | no |
| Tab Panel | General General |
| Type | ConnectionType |
| Enumerated types: | |
| Multipoint Service Path | |
| OCH CrossConnect | |

Table 3-3191 Connection Type (continued)

| Name | Value |
|----------------------------|-------|
| OCH CrossConnect Group | |
| OCH Trail | |
| OCH Trail Path | |
| OCH Trail Path - Preview | |
| ODU Trail | |
| ODU Trail Path | |
| ODU Trail Path - Preview | |
| ODUk CrossConnect | |
| OMS Trail | |
| OMS Trail Path | |
| OT CrossConnect | |
| OTS Trail | |
| OTS Trail Path | |
| OTU Trail | |
| OTU Trail Path | |
| OTU Trail Path - Preview | |
| Port Trail | |
| Service Path | |
| Service Path - Preview | |
| Subnetwork Connection | |
| Transport Service | |
| Virtual OCH CrossConnect | |
| Virtual ODUk Cross Connect | |
| VTS CrossConnect | |

Customer**Table 3-3192 Customer**

| Name | Value |
|----------------|-------------------|
| Displayed name | Customer |
| OSS name | subscriberPointer |
| Read-only | no |
| Tab Panel | General General |

Table 3-3192 Customer (continued)

| Name | Value |
|------|---------|
| Type | POINTER |

Customer ID**Table 3-3193 Customer ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Customer ID |
| Mandatory on creation | yes |
| OSS name | subscriberId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Customer Name**Table 3-3194 Customer Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | subscriberName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

DM Current Status**Table 3-3195 DM Current Status**

| Name | Value |
|-------------|------------------------------------|
| Default | yes:none |
| Description | Delay measurement - current status |

Table 3-3195 DM Current Status (continued)

| Name | Value |
|----------------|-------------------------------|
| Displayed name | DM Current Status |
| OSS name | delayMeasurementCurrentStatus |
| Read-only | yes |
| Tab Panel | General Delay Measurement |
| Type | oth.DMCurrentStatus |

DM Current Value**Table 3-3196 DM Current Value**

| Name | Value |
|----------------|-----------------------------------|
| Description | Delay measurement - current value |
| Displayed name | DM Current Value |
| OSS name | delayMeasurementCurrentValue |
| Read-only | yes |
| Tab Panel | General Delay Measurement |
| Type | FLOAT |
| Units | us |

Force Create OCh XC**Table 3-3197 Force Create OCh XC**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates whether the OCH XC should be created by force when power commissioning provisioning state is "InProgress". |
| Displayed name | Force Create OCh XC |
| OSS name | forceXcCreate |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Inconsistency

Table 3-3198 Inconsistency

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Description of discrepancy if there is discrepancy in the Trail. |
| Displayed name | Inconsistency |
| OSS name | discrepancy |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Inconsistent

Table 3-3199 Inconsistent

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Flag that indicates if there is any discrepancy in the Trail. Example - when APS Protection Mode parameters for the APS Groups in the trail do not match, then this flag will be enabled. |
| Displayed name | Inconsistent |
| OSS name | discrepancyFlag |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Operational State

Table 3-3200 Operational State

| Name | Value |
|--------------------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionOperState |
| Enumerated types: | |

Table 3-3200 Operational State (continued)

| Name | Value |
|----------------|-------|
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

Path Preference

Table 3-3201 Path Preference

| Name | Value |
|-------------------------------------|---|
| Default | yes:working |
| Description | Indicates whether the working path or the protection path needs to be retained when Trail protection is modified to unprotected |
| Displayed name | Path Preference |
| OSS name | modifyProtectionPreference |
| Read-only | no |
| Tab Panel | General General |
| Type | ModifyProtectionPreference |
| Enumerated types: | |
| None | |
| Retain Path A1Z1 | |
| Retain Path A1Z2 | |
| Retain Path A2Z1 | |
| Retain Path A2Z2 | |
| Retain Protection Path | |
| Retain Termination Points A1 and Z1 | |
| Retain Termination Points A1 and Z2 | |
| Retain Termination Points A2 and Z1 | |
| Retain Termination Points A2 and Z2 | |
| Retain Working Path | |

Path Search Option

Table 3-3202 Path Search Option

| Name | Value |
|--------------------------|---|
| Default | yes:system |
| Description | Specifies if routing path should be Auto-picked or User Defined. In case of User Defined, complete route needs to be defined by User via constraints. |
| Displayed name | Path Search Option |
| OSS name | pathSearchOption |
| Read-only | no |
| Tab Panel | General General |
| Type | PathSearchType |
| Enumerated types: | |
| GMRE Defined | |
| Interactive Mode | |
| System Defined | |
| User Defined | |

Payload Type

Table 3-3203 Payload Type

| Name | Value |
|----------------|-------------------------|
| Default | yes:N/A |
| Description | ODU Payload Type. |
| Displayed name | Payload Type |
| Maximum | 3 |
| Minimum | 0 |
| OSS name | txPayloadType |
| Read-only | no |
| Tab Panel | General ODUk Attributes |
| Type | STRING |

Payload Type Mismatch Response

Table 3-3204 Payload Type Mismatch Response

| Name | Value |
|--------------------------|---|
| Default | yes:notApplicable |
| Description | Payload Type Mismatch Response Enabled. |
| Displayed name | Payload Type Mismatch Response |
| OSS name | plmConsequenceAction |
| Read-only | no |
| Tab Panel | General ODUk Attributes |
| Type | TimActEnabled |
| Enumerated types: | |
| Disabled | |
| Enabled | |
| Unknown | |

Plane Type

Table 3-3205 Plane Type

| Name | Value |
|-----------------------|---|
| Default | yes:MP |
| Description | - Management plane, control plane or mixed. |
| Displayed name | Plane Type |
| Mandatory on creation | yes |
| OSS name | managementDomains |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.MgmtAccessDomains |

Protection Level

Table 3-3206 Protection Level

| Name | Value |
|----------------|---|
| Default | yes:unprotected |
| Description | The calculated level of protection based on the underlying server OTN layers. |
| Displayed name | Protection Level |

Table 3-3206 Protection Level (continued)

| Name | Value |
|--------------------------|-----------------|
| Mandatory on creation | yes |
| OSS name | protectionLevel |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionLevel |
| Enumerated types: | |
| Protected | |
| Segment Protected | |
| Unprotected | |

Protection Type**Table 3-3207 Protection Type**

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:unprotected |
| Description | Protection type of the trail. |
| Displayed name | Protection Type |
| OSS name | protection |
| Read-only | no |
| Tab Panel | General General |
| Type | TrailProtectionType |
| Enumerated types: | |
| Diverse Route | |
| OPS Protected | |
| Segment Protected | |
| SNCI Protected | |
| SNCN Protected | |
| SNCNC Protected | |
| Unprotected | |
| Y-Cable Protected | |

Rate
Table 3-3208 Rate

| Name | Value |
|--------------------------|----------------------------------|
| Description | Indicates the rate of the trail. |
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | AssignedRate |
| Enumerated types: | |
| 100GbE LAN | |
| 10GbE LAN | |
| 1GbE | |
| 3GSDI | |
| 40GbE LAN | |
| 40GbE MLD LAN | |
| BITS | |
| CBR10G | |
| CBR10G3 | |
| CBR2G5 | |
| DCN | |
| DDR | |
| Default | |
| DVBASI | |
| DVI 6000 | |
| E1 | |
| ESCON | |
| FC100 | |
| FC1200 | |
| FC1600 | |
| FC200 | |
| FC400 | |
| FC800 | |
| FDDI | |

Table 3-3208 Rate (continued)

| Name | Value |
|-------------------|-------|
| FE | |
| HDSDI | |
| N/A | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex-3GSDI | |
| ODUFlex-40GBE MLD | |
| ODUFlex-CBR | |
| ODUFlex-DDR | |
| ODUFlex-FC1200 | |
| ODUFlex-FC1600 | |
| ODUFlex-FC400 | |
| ODUFlex-FC800 | |
| ODUFlex-GFP | |
| OMS | |
| ONETRU | |
| OPTSG | |
| OS | |

Table 3-3208 Rate (continued)

| Name | Value |
|------------|-------|
| OTL4.4 | |
| OTS | |
| OTU1 | |
| OTU1f | |
| OTU2 | |
| OTU2e | |
| OTU3 | |
| OTU3e2 | |
| OTU4 | |
| OTU4x2 | |
| SDR | |
| SDSDI | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| SubGigE | |
| TOD | |
| Unassigned | |
| Unknown | |

Revert Mode**Table 3-3209 Revert Mode**

| Name | Value |
|----------------|---|
| Default | yes:nonrevertive |
| Description | Indicates whether revertive or non-revertive OduK ApsGroups are to be provisioned as part of ODUTrail provisioning. |
| Displayed name | Revert Mode |
| OSS name | apsRevertMode |
| Read-only | no |
| Tab Panel | General ODUK Protection Group |

Table 3-3209 Revert Mode (continued)

| Name | Value |
|--------------------------|---------------|
| Type | ApsRevertMode |
| Enumerated types: | |
| Non Revertive | |
| Revertive | |

Trail ID**Table 3-3210 Trail ID**

| Name | Value |
|-----------------------|-------------------------------|
| Default | yes:0 |
| Description | Unique id for the Connection. |
| Displayed name | Trail ID |
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | connId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Trail Name**Table 3-3211 Trail Name**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes: |
| Description | Displayed name of the Connection. |
| Displayed name | Trail Name |
| Maximum | 256 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

TTI Comparison
Table 3-3212 TTI Comparison

| Name | Value |
|--------------------------|---|
| Default | yes:unknown |
| Description | Indicates the mode of the Trace Identifier Mismatch (TIM) Detection function. |
| Displayed name | TTI Comparison |
| OSS name | timDetMode |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | TimDetectionMode |
| Enumerated types: | |
| DAPI | |
| Disabled | |
| Enabled | |
| SAPI | |
| SAPIDAPI | |
| Unknown | |

TTI Mismatch Response**Table 3-3213 TTI Mismatch Response**

| Name | Value |
|--------------------------|--|
| Default | yes:notApplicable |
| Description | Indicates whether the Trace Identifier Mismatch (TIM) Consequent Action function is enabled. |
| Displayed name | TTI Mismatch Response |
| OSS name | timActEnabled |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | TimActEnabled |
| Enumerated types: | |
| Disabled | |
| Enabled | |
| Unknown | |

TTI Preference
Table 3-3214 TTI Preference

| Name | Value |
|--------------------------|---|
| Default | yes:ascii |
| Description | The OCh OTU FEC mode. Depending on the port rate this can be OTU1 FEC Mode/OTU2 FEC Mode/OTU3 FEC Mode/OTU4 FEC Mode. |
| Displayed name | TTI Preference |
| OSS name | ttiPreference |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | TTIPreference |
| Enumerated types: | |
| ASCII | |
| HEX | |

Wave Key Assign Mode**Table 3-3215 Wave Key Assign Mode**

| Name | Value |
|--------------------------|--------------------------|
| Default | yes:auto |
| Description | Wavekey generation mode. |
| Displayed name | Wave Key Assign Mode |
| Mandatory on creation | yes |
| OSS name | wavekeyAssignMode |
| Read-only | no |
| Tab Panel | General OTU/OCH Details |
| Type | WavekeySelect |
| Enumerated types: | |
| Auto Keying (NE) | |
| Auto Keying (NMS) | |
| Unkeyed | |

Z to A

Table 3-3216 Z to A

| Name | Value |
|--------------------------|---|
| Description | Indicates which trail path is the active one in the ZA direction. |
| Displayed name | Z to A |
| OSS name | activePathZA |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Z-A Expected TTI

Table 3-3217 Z-A Expected TTI

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | ODU expected Trail Trace Identifier at A End of Trail (Z-A direction). For 1830PSS nodes, valid range is [0..15] bytes. For other nodes, valid range is [0..64] bytes. |
| Displayed name | Z-A Expected TTI |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | expectedSapiAZ |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

Z-A Transmitted OS
Table 3-3218 Z-A Transmitted OS

| Name | Value |
|----------------|---|
| Default | yes:N/A |
| Description | Transmitted Trail Trace Identifier (TTI), Transmit Source Access Point Identifier |
| Displayed name | Z-A Transmitted OS |
| Maximum | 65 |
| Minimum | 0 |
| OSS name | txOsZa |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

Z-A Transmitted TTI**Table 3-3219 Z-A Transmitted TTI**

| Name | Value |
|----------------|---|
| Default | yes:N/A |
| Description | ODU transmitted Trail Trace Identifier at Z End of Trail (Z-A direction). For 1830PSS nodes, valid range is [0..15] bytes. For other nodes, valid range is [0..64] bytes. |
| Displayed name | Z-A Transmitted TTI |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | txSapiZA |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

ODU1PTF parameters

Admin State

Table 3-3220 Admin State

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Administrative state of the interface. It may be used to suppress the alarms or disable consequent actions on the entity. |
| Displayed name | Admin State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.XcState |

Assigned Rate

Table 3-3221 Assigned Rate

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Associated Line Side LO-ODUk Facility

Table 3-3222 Associated Line Side LO-ODUk Facility

| Name | Value |
|----------------|--|
| Description | Associated Line side LoOdukChannel object (through Cross Connect). |
| Displayed name | Associated Line Side LO-ODUk Facility |
| OSS name | associatedLinePortLoOduk |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Associated ODU1PTF
Table 3-3223 Associated ODU1PTF

| Name | Value |
|----------------|--|
| Description | Associated Odu1Ptf object (through Cross Connect). |
| Displayed name | Associated ODU1PTF |
| OSS name | peerOdu1Ptf |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Ctp ID**Table 3-3224 Ctp ID**

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Expected TTI**Table 3-3225 Expected TTI**

| Name | Value |
|----------------|------------------------------------|
| Description | The SAPI expected by the receiver. |
| Displayed name | Expected TTI |
| OSS name | expectedTti |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Incoming TTI**Table 3-3226 Incoming TTI**

| Name | Value |
|----------------|-----------------|
| Description | Incoming TTI. |
| Displayed name | Incoming TTI |
| OSS name | incomingTti |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Layer Type**Table 3-3227 Layer Type**

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.LayerType |

Name**Table 3-3228 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Odu0 Interworking Enabled
Table 3-3229 Odu0 Interworking Enabled

| Name | Value |
|--------------------------|---------------------------|
| Default | yes:disabled |
| Description | It only works on ODU1PTF. |
| Displayed name | Odu0 Interworking Enabled |
| OSS name | odu0IntWorkEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | AluWdmEnabledDisabled |
| Enumerated types: | |
| Disabled | |
| Enabled | |

ODU1PTF Id**Table 3-3230 ODU1PTF Id**

| Name | Value |
|-----------------------|-----------------------|
| Description | If of ODU1PTF object. |
| Displayed name | ODU1PTF Id |
| Mandatory on creation | yes |
| OSS name | odu1PtfId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Payload Type**Table 3-3231 Payload Type**

| Name | Value |
|----------------|---------------|
| Description | Payload type. |
| Displayed name | Payload Type |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | payloadType |

Table 3-3231 Payload Type (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Payload Type Mismatch Response Enabled**Table 3-3232 Payload Type Mismatch Response Enabled**

| Name | Value |
|----------------|--|
| Default | yes:true |
| Description | PLM consequence action |
| Displayed name | Payload Type Mismatch Response Enabled |
| OSS name | plmConsequenceAction |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Site ID**Table 3-3233 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-3234 Site Name**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-3234 Site Name (continued)

| Name | Value |
|----------------|--------------|
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Transmitted TTI**Table 3-3235 Transmitted TTI**

| Name | Value |
|----------------|-----------------------------------|
| Description | The trace identifier transmitted. |
| Displayed name | Transmitted TTI |
| OSS name | transmittedTti |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

TTI Comparison Enabled**Table 3-3236 TTI Comparison Enabled**

| Name | Value |
|--------------------------|---|
| Description | Indicates the mode of the Trace Identifier Mismatch (TIM) Detection function. |
| Displayed name | TTI Comparison Enabled |
| OSS name | tTiComparisonEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | TimDetectionMode |
| Enumerated types: | |
| DAPI | |
| Disabled | |
| Enabled | |
| SAPI | |

Table 3-3236 TTI Comparison Enabled (continued)

| Name | Value |
|----------|-------|
| SAPIDAPI | |
| Unknown | |

TTI Mismatch Response Enabled**Table 3-3237 TTI Mismatch Response Enabled**

| Name | Value |
|----------------|---|
| Description | ODUk incoming forward fault type and fault location (FTFL) type ID. |
| Displayed name | TTI Mismatch Response Enabled |
| OSS name | ttiMismatchResponseEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

TTI Status**Table 3-3238 TTI Status**

| Name | Value |
|--------------------------|-----------------|
| Description | TTI status |
| Displayed name | TTI Status |
| OSS name | ttiStatus |
| Read-only | no |
| Tab Panel | General General |
| Type | AluWdmTtiStatus |
| Enumerated types: | |
| | |
| Mismatch | |
| Normal | |
| Unavailable | |
| Unspecified | |

OduCtp parameters

Administrative State

Table 3-3239 Administrative State

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Administrative state of the interface. It may be used to suppress the alarms or disable consequent actions on the entity. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | optical.XcState |

AINS State

Table 3-3240 AINS State

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Description | AINS state of the interface. |
| Displayed name | AINS State |
| OSS name | ainsState |
| Read-only | no |
| Tab Panel | General States |
| Type | BOOL |

APS Enabled

Table 3-3241 APS Enabled

| Name | Value |
|----------------|---|
| Description | Enable or disable the proprietary APS bytes insertion in the ODU2 overhead. |
| Displayed name | APS Enabled |
| OSS name | apsEnabled |
| Read-only | no |
| Tab Panel | General ODUk Attributes |

Table 3-3241 APS Enabled (continued)

| Name | Value |
|------|-----------------------|
| Type | optical.APSConfigType |

Expected Rx Mode**Table 3-3242 Expected Rx Mode**

| Name | Value |
|----------------|--|
| Default | yes:auto |
| Description | Specifies the type of expected Trail Trace Identifier (TTI) for the Section Monitoring (SM) in the OTU overhead. |
| Displayed name | Expected Rx Mode |
| OSS name | exTtiMode |
| Read-only | no |
| Tab Panel | General TTI |
| Type | ethernetequipment.OTUTtiMode |

Expected Rx String**Table 3-3243 Expected Rx String**

| Name | Value |
|----------------|--|
| Description | The SAPI expected by the receiver. This object has no effect when timDetMode has the value off(1). {BR} SAPI: Source Access Point Identifier. For 1830PSS nodes, valid range is [0..15] bytes. For other nodes valid range is [0..64] bytes. |
| Displayed name | Expected Rx String |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | expectedSapi |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

Expected TTI
Table 3-3244 Expected TTI

| Name | Value |
|----------------|---|
| Description | The SAPI expected by the receiver. This object has no effect when timDetMode has the value off(1).{BR} SAPI: Source Access Point Identifier. For 1830PSS nodes, valid range is [0..15] bytes. For other nodes valid range is [0..64] bytes. |
| Displayed name | Expected TTI |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | expectedSapi |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

Incoming Backward FTFL Operator ID**Table 3-3245 Incoming Backward FTFL Operator ID**

| Name | Value |
|----------------|---|
| Description | This is for ODUk Backward FTFL Oper Id. |
| Displayed name | Incoming Backward FTFL Operator ID |
| OSS name | oduBkwrFTFLOperId |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming Backward FTFL Type ID**Table 3-3246 Incoming Backward FTFL Type ID**

| Name | Value |
|----------------|---|
| Description | This is for ODUk Backward FTFL Type Id. |
| Displayed name | Incoming Backward FTFL Type ID |
| OSS name | oduBkwrFTFLTypeId |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming EXP**Table 3-3247 Incoming EXP**

| Name | Value |
|----------------|---|
| Description | This is for OduK Backward Incoming EXP. |
| Displayed name | Incoming EXP |
| OSS name | odukIncFtflExp |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming Forward FTFL Operator ID**Table 3-3248 Incoming Forward FTFL Operator ID**

| Name | Value |
|----------------|--|
| Description | This is for ODUk Forward FTFL Oper Id. |
| Displayed name | Incoming Forward FTFL Operator ID |
| OSS name | oduFwrFTFLOperId |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming Forward FTFL Type ID**Table 3-3249 Incoming Forward FTFL Type ID**

| Name | Value |
|----------------|--|
| Description | This is for ODUk Forward FTFL Type Id. |
| Displayed name | Incoming Forward FTFL Type ID |
| OSS name | oduFwrFTFLTypeId |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming RES in Row2**Table 3-3250 Incoming RES in Row2**

| Name | Value |
|----------------|--|
| Description | This is for ODU2/ODU3 Incoming Res Row 2 |
| Displayed name | Incoming RES in Row2 |
| OSS name | oduIncomingResRow2 |
| Read-only | no |
| Tab Panel | General ODUk Attributes |
| Type | STRING |

Incoming RES in Row4**Table 3-3251 Incoming RES in Row4**

| Name | Value |
|----------------|--|
| Description | This is for ODU2/ODU3 Incoming Res Row 4 |
| Displayed name | Incoming RES in Row4 |
| OSS name | oduIncomingResRow4 |
| Read-only | no |
| Tab Panel | General ODUk Attributes |
| Type | STRING |

Incoming TTI**Table 3-3252 Incoming TTI**

| Name | Value |
|----------------|------------------------|
| Description | ODU incoming TTI. |
| Displayed name | Incoming TTI |
| OSS name | incomingTti |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

Interworking Mode Enabled**Table 3-3253 Interworking Mode Enabled**

| Name | Value |
|----------------|---------------------------|
| Description | ODU Interworking mode. |
| Displayed name | Interworking Mode Enabled |
| OSS name | odukInterworkingMode |
| Read-only | no |
| Tab Panel | General ODUk Attributes |
| Type | BOOL |

Layer Type**Table 3-3254 Layer Type**

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.LayerType |

Mapping Mode**Table 3-3255 Mapping Mode**

| Name | Value |
|----------------|-------------------------|
| Description | ODU mapping mode. |
| Displayed name | Mapping Mode |
| OSS name | oduMappingMode |
| Read-only | no |
| Tab Panel | General ODUk Attributes |
| Type | optical.MappingMode |

Name
Table 3-3256 Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

ODU-TIM reaction**Table 3-3257 ODU-TIM reaction**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Specifies the reaction that should be taken in the event of a Section Monitor Trace Identifier Mismatch. |
| Displayed name | ODU-TIM reaction |
| OSS name | timReaction |
| Read-only | no |
| Tab Panel | General TTI |
| Type | ethernetequipment.OTUTimReaction |

Operational State**Table 3-3258 Operational State**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:unknown |
| Description | Operational state of the interface. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General States |
| Type | optical.XcState |

Payload Type
Table 3-3259 Payload Type

| Name | Value |
|----------------|---|
| Description | The ODUk payload type value provisioned on the transmitting direction. This is applicable only to an ODU adaptation function. |
| Displayed name | Payload Type |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | txPayloadType |
| Read-only | no |
| Tab Panel | General ODUK Attributes |
| Type | INT |

Payload Type**Table 3-3260 Payload Type**

| Name | Value |
|----------------|---|
| Description | The ODUk payload type value provisioned on the transmitting direction. This is applicable only to an ODU adaptation function. |
| Displayed name | Payload Type |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | txPayloadType |
| Read-only | no |
| Tab Panel | General TTI |
| Type | INT |

Payload Type Mismatch Response**Table 3-3261 Payload Type Mismatch Response**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Payload Type Mismatch (PLM) consequence action. |
| Displayed name | Payload Type Mismatch Response |
| OSS name | plmConsequenceAction |

Table 3-3261 Payload Type Mismatch Response (continued)

| Name | Value |
|-------------|-------------------------|
| Read-only | no |
| Tab Panel | General ODUk Attributes |
| Type | BOOL |

Rate**Table 3-3262 Rate**

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Site ID**Table 3-3263 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-3264 Site Name**

| Name | Value |
|----------------|-----------|
| Default | yes: |
| Displayed name | Site Name |

Table 3-3264 Site Name (continued)

| Name | Value |
|-------------|--------------|
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

TP ID**Table 3-3265 TP ID**

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | TP ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Transmitted TTI**Table 3-3266 Transmitted TTI**

| Name | Value |
|----------------|---|
| Description | The SAPI bytes in the trace identifier transmitted. SAPI: Source Access Point Identifier. {BR} For 1830PSS nodes, valid range is [0..15] bytes. For other nodes, valid range is [0..64] bytes. |
| Displayed name | Transmitted TTI |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | txSapi |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

Transmitter Mode
Table 3-3267 Transmitter Mode

| Name | Value |
|----------------|---|
| Default | yes:auto |
| Description | Specifies the type of transmitted Trail Trace Identifier (TTI) for the Section Monitoring (SM) in the OTU overhead. |
| Displayed name | Transmitter Mode |
| OSS name | txTtiMode |
| Read-only | no |
| Tab Panel | General TTI |
| Type | ethernetequipment.OTUTtiMode |

Transmitter String**Table 3-3268 Transmitter String**

| Name | Value |
|----------------|--|
| Description | The SAPI bytes in the trace identifier transmitted. SAPI: Source Access Point Identifier. {BR} For 1830PSS nodes, valid range is [0..15] bytes. For other nodes, valid range is [0..64] bytes. |
| Displayed name | Transmitter String |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | txSapi |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

TTI Comparison**Table 3-3269 TTI Comparison**

| Name | Value |
|----------------|---|
| Default | yes:off |
| Description | Indicates the mode of the Trace Identifier Mismatch (TIM) Detection function. |
| Displayed name | TTI Comparison |
| OSS name | timDetMode |
| Read-only | no |

Table 3-3269 TTI Comparison (continued)

| Name | Value |
|-------------|--------------------------|
| Tab Panel | General TTI Attributes |
| Type | optical.TimDetectionMode |

TTI Mismatch Response Enabled**Table 3-3270 TTI Mismatch Response Enabled**

| Name | Value |
|----------------|--|
| Description | Indicates whether the Trace Identifier Mismatch (TIM) Consequent Action function is enabled. |
| Displayed name | TTI Mismatch Response Enabled |
| OSS name | timActEnabled |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | BOOL |

TTI Status**Table 3-3271 TTI Status**

| Name | Value |
|----------------|-------------------------|
| Description | TTI status. |
| Displayed name | TTI Status |
| OSS name | tTiStatus |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | optical.AluWdmTtiStatus |

OduCtpSubStructure parameters

Assigned Rate

Table 3-3272 Assigned Rate

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Ctp ID

Table 3-3273 Ctp ID

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Layer Type

Table 3-3274 Layer Type

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |

Table 3-3274 Layer Type (continued)

| Name | Value |
|------|-------------------|
| Type | optical.LayerType |

Name**Table 3-3275 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site ID**Table 3-3276 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-3277 Site Name**

| Name | Value |
|----------------|-----------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |

Table 3-3277 Site Name (continued)

| Name | Value |
|-------------|--------------|
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Time Slots

Table 3-3278 Time Slots

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Time Slots |
| Maximum | 252 |
| OSS name | timeSlots |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

ODUk Cross Connect parameters

Administrative State

Table 3-3279 Administrative State

| Name | Value |
|-----------------------|---|
| Default | yes:up |
| Description | The administrative state of the connection. |
| Displayed name | Administrative State |
| Mandatory on creation | yes |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | ConnectionAdminState |

Bidirectional**Table 3-3280 Bidirectional**

| Name | Value |
|-----------------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| Mandatory on creation | yes |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Cross Connect Id**Table 3-3281 Cross Connect Id**

| Name | Value |
|-----------------------|-----------------------------------|
| Default | yes:0 |
| Description | SAM generated XC id used for FDN. |
| Displayed name | Cross Connect Id |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | xcId |
| Read-only | no |
| Tab Panel | General Cross Connect Information |
| Type | LONG |

Destination**Table 3-3282 Destination**

| Name | Value |
|----------------|---|
| Description | Name of the endpoint Z, used for display. |
| Displayed name | Destination |
| OSS name | endpointZName |
| Read-only | yes |
| Tab Panel | General General |

Table 3-3282 Destination (continued)

| Name | Value |
|------|--------|
| Type | STRING |

High Order ODUk**Table 3-3283 High Order ODUk**

| Name | Value |
|----------------|----------------------------|
| Default | yes: |
| Description | Destination High Order ODU |
| Displayed name | High Order ODUk |
| OSS name | destinationHoOdu |
| Read-only | no |
| Tab Panel | General Z-End |
| Type | POINTER |

High Order ODUk**Table 3-3284 High Order ODUk**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | This represents the HO-ODU PTF in the pool for the ODUk Cross Connect. |
| Displayed name | High Order ODUk |
| OSS name | hoOdukTerminationPoint |
| Read-only | yes |
| Tab Panel | General Z-End |
| Type | POINTER |

High Order ODUk**Table 3-3285 High Order ODUk**

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Description | Source High Order ODU |
| Displayed name | High Order ODUk |

Table 3-3285 High Order ODUk (continued)

| Name | Value |
|-------------|---------------|
| OSS name | sourceHoOdu |
| Read-only | no |
| Tab Panel | General A-End |
| Type | POINTER |

High Order ODUk Name**Table 3-3286 High Order ODUk Name**

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | High Order ODUk Name |
| Maximum | 252 |
| OSS name | destHoOduName |
| Read-only | yes |
| Tab Panel | General Z-End |
| Type | STRING |

High Order ODUk Name**Table 3-3287 High Order ODUk Name**

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | High Order ODUk Name |
| Maximum | 252 |
| OSS name | srcHoOduName |
| Read-only | yes |
| Tab Panel | General A-End |
| Type | STRING |

ID

Table 3-3288 ID

| Name | Value |
|-----------------------|-----------------------------------|
| Default | yes:0 |
| Description | SAM generated XC id used for FDN. |
| Displayed name | ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | xcId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Low Order ODUk

Table 3-3289 Low Order ODUk

| Name | Value |
|----------------|---------------------------|
| Default | yes: |
| Description | Destination Low Order ODU |
| Displayed name | Low Order ODUk |
| OSS name | destinationLoOdu |
| Read-only | no |
| Tab Panel | General Z-End |
| Type | POINTER |

Low Order ODUk

Table 3-3290 Low Order ODUk

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Description | Source Low Order ODU |
| Displayed name | Low Order ODUk |
| OSS name | sourceLoOdu |
| Read-only | no |
| Tab Panel | General A-End |

Table 3-3290 Low Order ODUk (continued)

| Name | Value |
|------|---------|
| Type | POINTER |

Low Order ODUk Name**Table 3-3291 Low Order ODUk Name**

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Low Order ODUk Name |
| Maximum | 252 |
| OSS name | destLoOduName |
| Read-only | yes |
| Tab Panel | General Z-End |
| Type | STRING |

Low Order ODUk Name**Table 3-3292 Low Order ODUk Name**

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Low Order ODUk Name |
| Maximum | 252 |
| OSS name | srcLoOduName |
| Read-only | yes |
| Tab Panel | General A-End |
| Type | STRING |

Name**Table 3-3293 Name**

| Name | Value |
|-------------|---|
| Default | yes: |
| Description | Can be deployed on NE for OCh cross-connect, or connection group. For OCH XC/XC group the max length is 80, so we keep this for OT XCs too. This is the OCHTrail name for OCH XCs or OCH XC groups. |

Table 3-3293 Name (continued)

| Name | Value |
|----------------|-----------------------------------|
| Displayed name | Name |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | xcName |
| Read-only | no |
| Tab Panel | General Cross Connect Information |
| Type | STRING |

Name**Table 3-3294 Name**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Can be deployed on NE for OCh cross-connect, or connection group. For OCH XC/XC group the max length is 80, so we keep this for OT XCs too. This is the OCHTrail name for OCH XCs or OCH XC groups. |
| Displayed name | Name |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | xcName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

ODUk Protection Group**Table 3-3295 ODUk Protection Group**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | This represents the APS Group, this cross connect is referring to. |
| Displayed name | ODUk Protection Group |
| OSS name | apsGroupPointer |
| Read-only | yes |
| Tab Panel | General General |

Table 3-3295 ODUk Protection Group (continued)

| Name | Value |
|------|---------|
| Type | POINTER |

Operational State

Table 3-3296 Operational State

| Name | Value |
|----------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | States General |
| Type | ConnectionOperState |

Primary State

Table 3-3297 Primary State

| Name | Value |
|----------------|--------------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.PrimaryStateType |

Protection State

Table 3-3298 Protection State

| Name | Value |
|-----------------------|---|
| Default | yes:none |
| Description | The protection state of the connection. |
| Displayed name | Protection State |
| Mandatory on creation | yes |
| OSS name | protectionState |

Table 3-3298 Protection State (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionState |

Rate**Table 3-3299 Rate**

| Name | Value |
|--------------------------|------------------------------|
| Description | The OduK cross connect Rate. |
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | odukXcRate |
| Read-only | no |
| Tab Panel | General General |
| Type | OduKXcRate |
| Enumerated types: | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex | |
| ODUFlex-3GSDI | |
| ODUFlex-FC400 | |
| ODUFlex-SDR | |
| OPTSG | |
| unspecified | |

Rate
Table 3-3300 Rate

| Name | Value |
|--------------------------|--|
| Description | The ODUk rate state of the connection. |
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General Cross Connect Information |
| Type | OdukXcRate |
| Enumerated types: | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex | |
| ODUFlex-3GSDI | |
| ODUFlex-FC400 | |
| ODUFlex-SDR | |
| OPTSG | |
| unspecified | |

Secondary State**Table 3-3301 Secondary State**

| Name | Value |
|----------------|-----------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |

Table 3-3301 Secondary State (continued)

| Name | Value |
|-------------|----------------------------|
| OSS name | secondaryState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.SecondaryStateType |

Shelf**Table 3-3302 Shelf**

| Name | Value |
|----------------|-------------------------|
| Default | yes: |
| Description | Reference to the Shelf. |
| Displayed name | Shelf |
| OSS name | shelfPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Shelf ID**Table 3-3303 Shelf ID**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | shelfid of the cross connect referring to cardslot opticalcardspecifics |
| Displayed name | Shelf ID |
| OSS name | shelfId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Site**Table 3-3304 Site**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes: |
| Description | Reference to the Network Element. |
| Displayed name | Site |
| OSS name | sitePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Site ID**Table 3-3305 Site ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0.0.0.0 |
| Description | Site ID. |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-3306 Site Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Description | Site name. |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |

Table 3-3306 Site Name (continued)

| Name | Value |
|------|--------|
| Type | STRING |

Source**Table 3-3307 Source**

| Name | Value |
|----------------|---|
| Description | Name of the endpoint A, used for display. |
| Displayed name | Source |
| OSS name | endpointAName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Termination on ODUPool**Table 3-3308 Termination on ODUPool**

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | Specifies if the endpoint is to be the ODUPool. |
| Displayed name | Termination on ODUPool |
| Mandatory on creation | yes |
| OSS name | oduPoolEndPoint |
| Read-only | no |
| Tab Panel | General Cross Connect Information |
| Type | OduPoolEndPoint |
| Enumerated types: | |
| A End | |
| none | |
| Z End | |

Oduk Nim Substructure parameters

Administrative State

Table 3-3309 Administrative State

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Administrative state of the interface. It may be used to suppress the alarms or disable consequent actions on the entity. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.XcState |

AINS Countdown

Table 3-3310 AINS Countdown

| Name | Value |
|----------------|---------------------------|
| Displayed name | AINS Countdown |
| OSS name | ainsDebounceTimeRemaining |
| Read-only | yes |
| Tab Panel | States AINS |
| Type | STRING |
| Units | HH:MM |

AINS State

Table 3-3311 AINS State

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Description | AINS state of the interface. |
| Displayed name | AINS State |
| OSS name | ainsState |
| Read-only | no |
| Tab Panel | States AINS |

Table 3-3311 AINS State (continued)

| Name | Value |
|------|-------|
| Type | BOOL |

AINS Timer**Table 3-3312 AINS Timer**

| Name | Value |
|----------------|------------------|
| Displayed name | AINS Timer |
| OSS name | ainsDebounceTime |
| Read-only | no |
| Tab Panel | States AINS |
| Type | STRING |
| Units | HH:MM |

Alarm Profile**Table 3-3313 Alarm Profile**

| Name | Value |
|----------------|---------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

APS Enabled**Table 3-3314 APS Enabled**

| Name | Value |
|----------------|---|
| Description | Enable or disable the proprietary APS bytes insertion in the ODU2 overhead. |
| Displayed name | APS Enabled |
| OSS name | apsEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.APSCfgType |

Assigned Rate**Table 3-3315 Assigned Rate**

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Clear All Bins**Table 3-3316 Clear All Bins**

| Name | Value |
|----------------|---|
| Default | yes:noCmd |
| Description | Clear all ODURx and ODUTx PMs in both current 15 minute bin and the current 1 day interval. |
| Displayed name | Clear All Bins |
| OSS name | clearAllBins |
| Read-only | no |
| Tab Panel | General Stats Control |
| Type | optical.PerformCommand |

Ctp ID**Table 3-3317 Ctp ID**

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |

Table 3-3317 Ctp ID (continued)

| Name | Value |
|------|-------|
| Type | INT |

Incoming Backward FTFL Operator ID**Table 3-3318 Incoming Backward FTFL Operator ID**

| Name | Value |
|----------------|---|
| Description | This is for ODUk Backward FTFL Oper Id. |
| Displayed name | Incoming Backward FTFL Operator ID |
| OSS name | oduBkwrFTFLOperId |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming Backward FTFL Type ID**Table 3-3319 Incoming Backward FTFL Type ID**

| Name | Value |
|----------------|---|
| Description | This is for ODUk Backward FTFL Type Id. |
| Displayed name | Incoming Backward FTFL Type ID |
| OSS name | oduBkwrFTFLTypeId |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming EXP**Table 3-3320 Incoming EXP**

| Name | Value |
|----------------|---|
| Description | This is for Oduk Backward Incoming EXP. |
| Displayed name | Incoming EXP |
| OSS name | odukIncFtlExp |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |

Table 3-3320 Incoming EXP (continued)

| Name | Value |
|------|--------|
| Type | STRING |

Incoming Forward FTFL Operator ID**Table 3-3321 Incoming Forward FTFL Operator ID**

| Name | Value |
|----------------|--|
| Description | This is for ODUk Forward FTFL Oper Id. |
| Displayed name | Incoming Forward FTFL Operator ID |
| OSS name | oduFwrFTFLOperId |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Incoming Forward FTFL Type ID**Table 3-3322 Incoming Forward FTFL Type ID**

| Name | Value |
|----------------|--|
| Description | This is for ODUk Forward FTFL Type Id. |
| Displayed name | Incoming Forward FTFL Type ID |
| OSS name | oduFwrFTFLTypeId |
| Read-only | yes |
| Tab Panel | General ODU Overhead Attributes |
| Type | STRING |

Layer Type**Table 3-3323 Layer Type**

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |

Table 3-3323 Layer Type (continued)

| Name | Value |
|------|-------------------|
| Type | optical.LayerType |

Name**Table 3-3324 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

ODU Rx PM Enabled**Table 3-3325 ODU Rx PM Enabled**

| Name | Value |
|----------------|----------------------------------|
| Description | Enable and disable the ODURx PM. |
| Displayed name | ODU Rx PM Enabled |
| OSS name | statsRxEnable |
| Read-only | no |
| Tab Panel | General Stats Control |
| Type | BOOL |

ODU Tx PM Enabled**Table 3-3326 ODU Tx PM Enabled**

| Name | Value |
|----------------|----------------------------------|
| Description | Enable and disable the ODUTx PM. |
| Displayed name | ODU Tx PM Enabled |
| OSS name | statsTxEnable |

Table 3-3326 ODU Tx PM Enabled (continued)

| Name | Value |
|-------------|-----------------------|
| Read-only | no |
| Tab Panel | General Stats Control |
| Type | BOOL |

Operational State**Table 3-3327 Operational State**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:unknown |
| Description | Operational state of the interface. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.XcState |

Primary State**Table 3-3328 Primary State**

| Name | Value |
|----------------|--------------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.PrimaryStateType |

Rate**Table 3-3329 Rate**

| Name | Value |
|----------------|----------|
| Default | yes:null |
| Displayed name | Rate |

Table 3-3329 Rate (continued)

| Name | Value |
|-----------------------|-----------------|
| Mandatory on creation | yes |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.OduRate |

Secondary State**Table 3-3330 Secondary State**

| Name | Value |
|----------------|----------------------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.SecondaryStateType |

Site ID**Table 3-3331 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site ID**Table 3-3332 Site ID**

| Name | Value |
|----------------|---|
| Description | If site is the network element, siteId is the neId. |
| Displayed name | Site ID |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-3333 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-3334 Site Name**

| Name | Value |
|----------------|---|
| Description | If site is the network element, siteName is its name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

State Qualifier
Table 3-3335 State Qualifier

| Name | Value |
|----------------|------------------------|
| Displayed name | State Qualifier |
| OSS name | stateQualifier |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.StateQualifier |

TCA Profile**Table 3-3336 TCA Profile**

| Name | Value |
|----------------|-------------------|
| Displayed name | TCA Profile |
| OSS name | tcaProfilePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Timeslot(s)**Table 3-3337 Timeslot(s)**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Timeslot(s) |
| Maximum | 252 |
| OSS name | timeSlots |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Use System AINS Timer

Table 3-3338 Use System AINS Timer

| Name | Value |
|----------------|--------------------------|
| Displayed name | Use System AINS Timer |
| OSS name | usingSysAinsDebounceTime |
| Read-only | no |
| Tab Panel | States AINS |
| Type | BOOL |

ODUK Protection Group parameters

Active Conditions

Table 3-3339 Active Conditions

| Name | Value |
|--------------------------|--|
| Description | The status of the APS group. Corresponds tnApsGroupCurrentStatus in the MIB. |
| Displayed name | Active Conditions |
| OSS name | currentStatus |
| Read-only | no |
| Tab Panel | APS Group Protection Management |
| Type | ApsCurrentStatusBits |
| Enumerated types: | |
| | Channel Mismatch |
| | Extra Traffic |
| | Far-End Protection-Line Failure |
| | Mode Mismatch |
| | Protection Switch Byte Failure |

Administrative State

Table 3-3340 Administrative State

| Name | Value |
|----------------|----------------------|
| Default | yes:unspecified |
| Displayed name | Administrative State |

Table 3-3340 Administrative State (continued)

| Name | Value |
|-------------|-------------------------------|
| OSS name | administrativeState |
| Read-only | yes |
| Tab Panel | States General |
| Type | equipment.AdministrativeState |

APS Protection Mode**Table 3-3341 APS Protection Mode**

| Name | Value |
|--------------------------|---------------------------------------|
| Default | yes:onePlusOne |
| Description | Indicates the type of APS protection. |
| Displayed name | APS Protection Mode |
| OSS name | protectionMode |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | ApsMode |
| Enumerated types: | |
| SNCI | |
| SNCN | |
| SNCNC | |

Client**Table 3-3342 Client**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | ODUk (TO) entity within the SNCP. {BR} The value should correspond to the pointer to the client facility. {BR} If the client is a HO-Virtual object this attribute carries the actual pointer to the client facility. |
| Displayed name | Client |
| OSS name | actualClientFacilityPointer |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | POINTER |

Client Name
Table 3-3343 Client Name

| Name | Value |
|----------------|--------------------|
| Default | yes: |
| Displayed name | Client Name |
| Maximum | 252 |
| OSS name | clientFacilityName |
| Read-only | yes |
| Tab Panel | APS Group General |
| Type | STRING |

Client ODUk Facility**Table 3-3344 Client ODUk Facility**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | ODUk (TO) entity within the SNCP. {BR} If the client is the ODUPool the value should be empty, otherwise it should be the pointer to the client facility. |
| Displayed name | Client ODUk Facility |
| OSS name | clientFacilityPointer |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | POINTER |

Client on ODUPool**Table 3-3345 Client on ODUPool**

| Name | Value |
|-----------------------|-------------------|
| Default | yes:false |
| Displayed name | Client on ODUPool |
| Mandatory on creation | yes |
| OSS name | oduPoolClient |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | BOOL |

Connection Direction
Table 3-3346 Connection Direction

| Name | Value |
|----------------|---|
| Default | yes:notapplicable |
| Description | It indicates the connection direction of the APS group. |
| Displayed name | Connection Direction |
| OSS name | xcDirection |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | ApsXcDirection |

Description**Table 3-3347 Description**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes: |
| Description | The description of the APS group. |
| Displayed name | Description |
| Maximum | 50 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | STRING |

Description**Table 3-3348 Description**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes: |
| Description | The description of the APS group. |
| Displayed name | Description |
| Maximum | 50 |
| Minimum | 0 |
| OSS name | description |

Table 3-3348 Description (continued)

| Name | Value |
|-------------|-------------------|
| Read-only | no |
| Tab Panel | APS Group General |
| Type | STRING |

Facility**Table 3-3349 Facility**

| Name | Value |
|-----------------------|---------------------------------------|
| Default | yes: |
| Description | ODUk (FROMED) entity within the SNCP. |
| Displayed name | Facility |
| Mandatory on creation | yes |
| OSS name | protectionFacilityPointer |
| Read-only | no |
| Tab Panel | APS Group Protection |
| Type | POINTER |

Facility**Table 3-3350 Facility**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | ODUk (FROMING) entity within the SNCP. |
| Displayed name | Facility |
| Mandatory on creation | yes |
| OSS name | workingFacilityPointer |
| Read-only | no |
| Tab Panel | APS Group Working |
| Type | POINTER |

Holdoff Time**Table 3-3351 Holdoff Time**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Hold off Time in milliseconds for automatic switching. Current configurable range:0 to 100000. |
| Displayed name | Holdoff Time |
| Maximum | 10000 |
| Minimum | 0 |
| OSS name | holdOffTimer |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | INT |
| Units | milliseconds |

Local**Table 3-3352 Local**

| Name | Value |
|--------------------------|--|
| Description | Corresponds to the local status mapped from tnOthOdukApsMemberCurrentStatus for the protection port. |
| Displayed name | Local |
| OSS name | protectionPortLocalStatus |
| Read-only | no |
| Tab Panel | APS Group Protection Port Status |
| Type | ApsMemberStatus |
| Enumerated types: | |
| Active | |
| Standby | |
| Unknown | |

Local
Table 3-3353 Local

| Name | Value |
|--------------------------|---|
| Description | Corresponds to the local status mapped from tnOthOdukApsMemberCurrentStatus for the working port. |
| Displayed name | Local |
| OSS name | workingPortLocalStatus |
| Read-only | no |
| Tab Panel | APS Group Working Port Status |
| Type | ApsMemberStatus |
| Enumerated types: | |
| | Active |
| | Standby |
| | Unknown |

Operational State**Table 3-3354 Operational State**

| Name | Value |
|----------------|----------------------------|
| Default | yes:unspecified |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |
| Type | equipment.OperationalState |

Port**Table 3-3355 Port**

| Name | Value |
|-----------------------|-----------------------------------|
| Default | yes: |
| Description | Client port FDN of the APS group. |
| Displayed name | Port |
| Mandatory on creation | yes |
| OSS name | clientPort |

Table 3-3355 Port (continued)

| Name | Value |
|-------------|-------------------|
| Read-only | no |
| Tab Panel | APS Group General |
| Type | POINTER |

Primary State**Table 3-3356 Primary State**

| Name | Value |
|----------------|--------------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.PrimaryStateType |

Protection Facility Name**Table 3-3357 Protection Facility Name**

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Protection Facility Name |
| Maximum | 252 |
| OSS name | protectionFacilityName |
| Read-only | yes |
| Tab Panel | APS Group Protection |
| Type | STRING |

Protection Method**Table 3-3358 Protection Method**

| Name | Value |
|---------|-------------------|
| Default | yes:notapplicable |

Table 3-3358 Protection Method (continued)

| Name | Value |
|----------------|---|
| Description | The protection method of the working leg. Default is pnim for snen and snenc, and padapt for sneci. |
| Displayed name | Protection Method |
| OSS name | apsGroupMethod |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | ApsGroupMethod |

Protection Method**Table 3-3359 Protection Method**

| Name | Value |
|----------------|---|
| Default | yes:notapplicable |
| Description | The protection method of the working leg. Default is pnim for snen and snenc, and padapt for sneci. |
| Displayed name | Protection Method |
| OSS name | apsGroupMethod |
| Read-only | no |
| Tab Panel | APS Group Working |
| Type | ApsGroupMethod |

Protection Method**Table 3-3360 Protection Method**

| Name | Value |
|----------------|--|
| Default | yes:notapplicable |
| Description | The protection method of the protection leg. Default is pnim for snen and snenc, and padapt for sneci. |
| Displayed name | Protection Method |
| OSS name | apsPingMethod |
| Read-only | no |
| Tab Panel | APS Group Protection |
| Type | ApsGroupMethod |

Protection Switch
Table 3-3361 Protection Switch

| Name | Value |
|-----------------------------|--|
| Default | yes:noCmd |
| Description | This value is used to perform a protection switch on the working/protection APS Member |
| Displayed name | Protection Switch |
| OSS name | protectionSwitch |
| Read-only | no |
| Tab Panel | APS Group Protection Management |
| Type | ApsMemberSwitch |
| Enumerated types: | |
| Clear | |
| Forced Switch To Protection | |
| Forced Switch To Working | |
| Manual Switch To Protection | |
| Manual Switch To Working | |
| No Cmd | |
| Protection Lockout | |

Protection Type**Table 3-3362 Protection Type**

| Name | Value |
|--------------------------|--|
| Default | yes:sncn |
| Description | The protection type of the APS group. {UL} {LI}sncn - subnetwork connection with non-intrusive monitoring. {LI}sncnc - subnetwork connection based on ODUk client signal with non-intrusive monitoring. {LI}snci - subnetwork connection with inherent monitoring. {/UL} |
| Displayed name | Protection Type |
| Mandatory on creation | yes |
| OSS name | apsMode |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | ApsMode |
| Enumerated types: | |
| SNCI | |

Table 3-3362 Protection Type (continued)

| Name | Value |
|-------|-------|
| SNCN | |
| SNCNC | |

Remote**Table 3-3363 Remote**

| Name | Value |
|--------------------------|---|
| Description | Corresponds to the remote status mapped from tnOthOdukApsMemberCurrentStatus for the protection port. |
| Displayed name | Remote |
| OSS name | protectionPortRemoteStatus |
| Read-only | no |
| Tab Panel | APS Group Protection Port Status |
| Type | ApsMemberStatus |
| Enumerated types: | |
| Active | |
| Standby | |
| Unknown | |

Remote**Table 3-3364 Remote**

| Name | Value |
|--------------------------|--|
| Description | Corresponds to the remote status mapped from tnOthOdukApsMemberCurrentStatus for the working port. |
| Displayed name | Remote |
| OSS name | workingPortRemoteStatus |
| Read-only | no |
| Tab Panel | APS Group Working Port Status |
| Type | ApsMemberStatus |
| Enumerated types: | |
| Active | |
| Standby | |
| Unknown | |

Request For**Table 3-3365 Request For**

| Name | Value |
|--------------------------|---------------------------------------|
| Description | This Value is deduced from k1k2Trans. |
| Displayed name | Request For |
| OSS name | requestFor |
| Read-only | no |
| Tab Panel | APS Group Protection Management |
| Type | RequestFor |
| Enumerated types: | |
| | Protection |
| | Working |

Secondary State**Table 3-3366 Secondary State**

| Name | Value |
|----------------|----------------------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.SecondaryStateType |

Shelf**Table 3-3367 Shelf**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Reference to Shelf within the Network Element. |
| Displayed name | Shelf |
| OSS name | shelfPointer |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | POINTER |

Shelf ID
Table 3-3368 Shelf ID

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Description | Shelf Identifier. |
| Displayed name | Shelf ID |
| OSS name | shelfId |
| Read-only | yes |
| Tab Panel | APS Group General |
| Type | INT |

Signal Degrade**Table 3-3369 Signal Degrade**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates whether or not Signal Degrade is used for protection switching. |
| Displayed name | Signal Degrade |
| OSS name | apsSdEnable |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | BOOL |

Site**Table 3-3370 Site**

| Name | Value |
|----------------|-------------------------------|
| Default | yes: |
| Description | Reference to Network Element. |
| Displayed name | Site |
| OSS name | sitePointer |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | POINTER |

Site ID
Table 3-3371 Site ID

| Name | Value |
|----------------|---|
| Description | The id of the site that the APS group belongs to. |
| Displayed name | Site ID |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | STRING |

Site Name**Table 3-3372 Site Name**

| Name | Value |
|----------------|---|
| Description | The name of the site that the APS group belongs to. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | APS Group General |
| Type | STRING |

Switch Direction**Table 3-3373 Switch Direction**

| Name | Value |
|----------------|--|
| Default | yes:unidirectional |
| Description | The protection direction of the APS Group. |
| Displayed name | Switch Direction |
| OSS name | direction |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | ApsDirection |

Switch Status

Table 3-3374 Switch Status

| Name | Value |
|--------------------------|---------------------------------------|
| Description | This Value is deduced from k1k2Trans. |
| Displayed name | Switch Status |
| OSS name | switchStatus |
| Read-only | no |
| Tab Panel | APS Group Protection Management |
| Type | SwitchStatus |
| Enumerated types: | |
| Do Not Revert | |
| Forced Switch | |
| Manual Switch | |
| No Request | |
| Protection Lockout | |
| Reverse Request | |
| Signal Degrade | |
| Signal failure | |
| Unknown | |
| Wait To Restore | |

Type

Table 3-3375 Type

| Name | Value |
|--------------------------|---|
| Default | yes:nonrevertive |
| Description | Indicates whether revertive or non-revertive APS Group. |
| Displayed name | Type |
| OSS name | revertMode |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | ApsRevertMode |
| Enumerated types: | |
| NonRevertive | |
| Revertive | |

Wait to Restore
Table 3-3376 Wait to Restore

| Name | Value |
|----------------|---|
| Default | yes:notapplicable |
| Description | The wait-to-restore time for the revertive mode automatic switching. Corresponds to tnApsGroupWaitToRestore in the MIB. |
| Displayed name | Wait to Restore |
| OSS name | waitToRestore |
| Read-only | no |
| Tab Panel | APS Group APS Configuration |
| Type | ApsWaitToRestore |
| Units | min |

Working Facility Name**Table 3-3377 Working Facility Name**

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Working Facility Name |
| Maximum | 252 |
| OSS name | workingFacilityName |
| Read-only | yes |
| Tab Panel | APS Group Working |
| Type | STRING |

OduRxCAPProfileAssigner parameters

Clear Bins

Table 3-3378 Clear Bins

| Name | Value |
|--------------------------|---|
| Default | yes:1 |
| Description | This attribute is used to clear all the bins in an interval on a particular card and group. |
| Displayed name | Clear Bins |
| OSS name | clearBins |
| Read-only | no |
| Tab Panel | General General |
| Type | PerformCommand |
| Enumerated types: | |
| Execute | |
| Execute with Force | |
| No Cmd | |

Interval

Table 3-3379 Interval

| Name | Value |
|--------------------------|--------------------------|
| Default | yes:0 |
| Description | The collection interval. |
| Displayed name | Interval |
| Mandatory on creation | yes |
| OSS name | interval |
| Read-only | no |
| Tab Panel | General General |
| Type | IntervalType |
| Enumerated types: | |
| 15 min Interval | |
| 24 hour Interval | |
| All | |
| Continuous | |
| Not Applicable | |

Number of Bins

Table 3-3380 Number of Bins

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The number of collection bins in the interval. |
| Displayed name | Number of Bins |
| Maximum | 33 |
| Minimum | 1 |
| OSS name | noOfBins |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Profile Type

Table 3-3381 Profile Type

| Name | Value |
|-----------------------|-----------------------|
| Default | yes:0 |
| Description | The group identifier. |
| Displayed name | Profile Type |
| Mandatory on creation | yes |
| OSS name | groupId |
| Read-only | no |
| Tab Panel | General General |
| Type | netca.TCAProfileType |

TCA Profile

Table 3-3382 TCA Profile

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Description | TCA Profile. |
| Displayed name | TCA Profile |
| OSS name | tcaProfilePointer |
| Read-only | no |

Table 3-3382 TCA Profile (continued)

| Name | Value |
|-------------|------------------------|
| Tab Panel | General Select Profile |
| Type | POINTER |

OduTxTCAPProfileAssigner parameters

Clear Bins

Table 3-3383 Clear Bins

| Name | Value |
|--------------------------|---|
| Default | yes:1 |
| Description | This attribute is used to clear all the bins in an interval on a particular card and group. |
| Displayed name | Clear Bins |
| OSS name | clearBins |
| Read-only | no |
| Tab Panel | General General |
| Type | PerformCommand |
| Enumerated types: | |
| | Execute |
| | Execute with Force |
| | No Cmd |

Interval

Table 3-3384 Interval

| Name | Value |
|-----------------------|--------------------------|
| Default | yes:0 |
| Description | The collection interval. |
| Displayed name | Interval |
| Mandatory on creation | yes |
| OSS name | interval |
| Read-only | no |
| Tab Panel | General General |
| Type | IntervalType |

Table 3-3384 Interval (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| 15 min Interval | |
| 24 hour Interval | |
| All | |
| Continuous | |
| Not Applicable | |

Number of Bins**Table 3-3385 Number of Bins**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The number of collection bins in the interval. |
| Displayed name | Number of Bins |
| Maximum | 33 |
| Minimum | 1 |
| OSS name | noOfBins |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Profile Type**Table 3-3386 Profile Type**

| Name | Value |
|-----------------------|-----------------------|
| Default | yes:0 |
| Description | The group identifier. |
| Displayed name | Profile Type |
| Mandatory on creation | yes |
| OSS name | groupId |
| Read-only | no |
| Tab Panel | General General |
| Type | netca.TCAPProfileType |

TCA Profile

Table 3-3387 TCA Profile

| Name | Value |
|----------------|------------------------|
| Default | yes: |
| Description | TCA Profile. |
| Displayed name | TCA Profile |
| OSS name | tcaProfilePointer |
| Read-only | no |
| Tab Panel | General Select Profile |
| Type | POINTER |

OMS parameters

Administrative State

Table 3-3388 Administrative State

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Administrative state of the interface. It may be used to suppress the alarms or disable consequent actions on the entity. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.XcState |

Alarm Profile

Table 3-3389 Alarm Profile

| Name | Value |
|----------------|---------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Assigned Rate**Table 3-3390 Assigned Rate**

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Ctp ID**Table 3-3391 Ctp ID**

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Down Link Facility**Table 3-3392 Down Link Facility**

| Name | Value |
|----------------|--------------------|
| Default | yes: |
| Displayed name | Down Link Facility |
| OSS name | downLinkFacility |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Layer Type
Table 3-3393 Layer Type

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.LayerType |

Name**Table 3-3394 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Operational State**Table 3-3395 Operational State**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:unknown |
| Description | Operational state of the interface. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.XcState |

Primary State

Table 3-3396 Primary State

| Name | Value |
|----------------|--------------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.PrimaryStateType |

Secondary State

Table 3-3397 Secondary State

| Name | Value |
|----------------|----------------------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.SecondaryStateType |

Site ID

Table 3-3398 Site ID

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site ID**Table 3-3399 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-3400 Site Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-3401 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

OMS Trail parameters

A to Z

Table 3-3402 A to Z

| Name | Value |
|--------------------------|---|
| Description | Indicates which trail path is the active one in the AZ direction. |
| Displayed name | A to Z |
| OSS name | activePathAZ |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Administrative State

Table 3-3403 Administrative State

| Name | Value |
|--------------------------|---|
| Default | yes:up |
| Description | The administrative state of the connection. |
| Displayed name | Administrative State |
| Mandatory on creation | yes |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionAdminState |
| Enumerated types: | |
| Automatic In-Service | |
| Blocking | |

Table 3-3403 Administrative State (continued)

| Name | Value |
|----------------|-------|
| Down | |
| Maintenance | |
| Partially Down | |
| Standby/Backup | |
| Unknown | |
| Up | |

Bidirectional**Table 3-3404 Bidirectional**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Connection Type**Table 3-3405 Connection Type**

| Name | Value |
|--------------------------|---------------------|
| Default | yes:unspecified |
| Description | Type of connection. |
| Displayed name | Connection Type |
| Mandatory on creation | yes |
| OSS name | connectionType |
| Read-only | no |
| Tab Panel | General General |
| Type | ConnectionType |
| Enumerated types: | |
| Multipoint Service Path | |

Table 3-3405 Connection Type (continued)

| Name | Value |
|----------------------------|-------|
| OCH CrossConnect | |
| OCH CrossConnect Group | |
| OCH Trail | |
| OCH Trail Path | |
| OCH Trail Path - Preview | |
| ODU Trail | |
| ODU Trail Path | |
| ODU Trail Path - Preview | |
| ODUk CrossConnect | |
| OMS Trail | |
| OMS Trail Path | |
| OT CrossConnect | |
| OTS Trail | |
| OTS Trail Path | |
| OTU Trail | |
| OTU Trail Path | |
| OTU Trail Path - Preview | |
| Port Trail | |
| Service Path | |
| Service Path - Preview | |
| Subnetwork Connection | |
| Transport Service | |
| Virtual OCH CrossConnect | |
| Virtual ODUk Cross Connect | |
| VTS CrossConnect | |

Customer**Table 3-3406 Customer**

| Name | Value |
|----------------|-------------------|
| Displayed name | Customer |
| OSS name | subscriberPointer |
| Read-only | no |

Table 3-3406 Customer (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | POINTER |

Customer ID**Table 3-3407 Customer ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Customer ID |
| Mandatory on creation | yes |
| OSS name | subscriberId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Customer Name**Table 3-3408 Customer Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | subscriberName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Force Create OCh XC**Table 3-3409 Force Create OCh XC**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-3409 Force Create OCh XC (continued)

| Name | Value |
|----------------|--|
| Description | Indicates whether the OCH XC should be created by force when power commissioning provisioning state is "InProgress". |
| Displayed name | Force Create OCh XC |
| OSS name | forceXcCreate |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Operational State

Table 3-3410 Operational State

| Name | Value |
|--------------------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionOperState |
| Enumerated types: | |
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

Path Preference

Table 3-3411 Path Preference

| Name | Value |
|-------------|---|
| Default | yes:working |
| Description | Indicates whether the working path or the protection path needs to be retained when Trail protection is modified to unprotected |

Table 3-3411 Path Preference (continued)

| Name | Value |
|-------------------------------------|----------------------------|
| Displayed name | Path Preference |
| OSS name | modifyProtectionPreference |
| Read-only | no |
| Tab Panel | General General |
| Type | ModifyProtectionPreference |
| Enumerated types: | |
| None | |
| Retain Path A1Z1 | |
| Retain Path A1Z2 | |
| Retain Path A2Z1 | |
| Retain Path A2Z2 | |
| Retain Protection Path | |
| Retain Termination Points A1 and Z1 | |
| Retain Termination Points A1 and Z2 | |
| Retain Termination Points A2 and Z1 | |
| Retain Termination Points A2 and Z2 | |
| Retain Working Path | |

Plane Type**Table 3-3412 Plane Type**

| Name | Value |
|-----------------------|---|
| Default | yes:MP |
| Description | - Management plane, control plane or mixed. |
| Displayed name | Plane Type |
| Mandatory on creation | yes |
| OSS name | managementDomains |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.MgmtAccessDomains |

Protection Level
Table 3-3413 Protection Level

| Name | Value |
|--------------------------|---|
| Default | yes:unprotected |
| Description | The calculated level of protection based on the underlying server OTN layers. |
| Displayed name | Protection Level |
| Mandatory on creation | yes |
| OSS name | protectionLevel |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionLevel |
| Enumerated types: | |
| Protected | |
| Segment Protected | |
| Unprotected | |

Protection Type**Table 3-3414 Protection Type**

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:unprotected |
| Description | Protection type of the trail. |
| Displayed name | Protection Type |
| OSS name | protection |
| Read-only | no |
| Tab Panel | General General |
| Type | TrailProtectionType |
| Enumerated types: | |
| Diverse Route | |
| OPS Protected | |
| Segment Protected | |
| SNCI Protected | |
| SNCN Protected | |
| SNCNC Protected | |
| Unprotected | |

Table 3-3414 Protection Type (continued)

| Name | Value |
|-------------------|-------|
| Y-Cable Protected | |

Rate**Table 3-3415 Rate**

| Name | Value |
|--------------------------|----------------------------------|
| Description | Indicates the rate of the trail. |
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | AssignedRate |
| Enumerated types: | |
| 100GbE LAN | |
| 10GbE LAN | |
| 1GbE | |
| 3GSDI | |
| 40GbE LAN | |
| 40GbE MLD LAN | |
| BITS | |
| CBR10G | |
| CBR10G3 | |
| CBR2G5 | |
| DCN | |
| DDR | |
| Default | |
| DVBASI | |
| DVI 6000 | |
| E1 | |
| ESCON | |
| FC100 | |
| FC1200 | |

Table 3-3415 Rate (continued)

| Name | Value |
|-------------------|-------|
| FC1600 | |
| FC200 | |
| FC400 | |
| FC800 | |
| FDDI | |
| FE | |
| HDSDI | |
| N/A | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex-3GSDI | |
| ODUFlex-40GBE MLD | |
| ODUFlex-CBR | |
| ODUFlex-DDR | |
| ODUFlex-FC1200 | |
| ODUFlex-FC1600 | |
| ODUFlex-FC400 | |
| ODUFlex-FC800 | |

Table 3-3415 Rate (continued)

| Name | Value |
|-------------|-------|
| ODUFlex-GFP | |
| OMS | |
| ONETRU | |
| OPTSG | |
| OS | |
| OTL4.4 | |
| OTS | |
| OTU1 | |
| OTU1f | |
| OTU2 | |
| OTU2e | |
| OTU3 | |
| OTU3e2 | |
| OTU4 | |
| OTU4x2 | |
| SDR | |
| SDSDI | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| SubGigE | |
| TOD | |
| Unassigned | |
| Unknown | |

Trail ID**Table 3-3416 Trail ID**

| Name | Value |
|-------------|-------------------------------|
| Default | yes:0 |
| Description | Unique id for the Connection. |

Table 3-3416 Trail ID (continued)

| Name | Value |
|-----------------------|-----------------|
| Displayed name | Trail ID |
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | connId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Trail Name**Table 3-3417 Trail Name**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes: |
| Description | Displayed name of the Connection. |
| Displayed name | Trail Name |
| Maximum | 256 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Z to A**Table 3-3418 Z to A**

| Name | Value |
|----------------|---|
| Description | Indicates which trail path is the active one in the ZA direction. |
| Displayed name | Z to A |
| OSS name | activePathZA |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | ProtectionState |

Table 3-3418 Z to A (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Optical Channel parameters

Accounting Policy

Table 3-3419 Accounting Policy

| Name | Value |
|----------------|-------------------------------|
| Default | yes: |
| Displayed name | Accounting Policy |
| OSS name | accountingPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Accounting |
| Type | POINTER |

Accounting Policy

Table 3-3420 Accounting Policy

| Name | Value |
|----------------|--------------------------------------|
| Default | yes: |
| Displayed name | Accounting Policy |
| OSS name | etherAccountingPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Ethernet Accounting |
| Type | POINTER |

Actual Speed**Table 3-3421 Actual Speed**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Actual Speed |
| OSS name | actualSpeed |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |
| Units | kbps |

Administrative State**Table 3-3422 Administrative State**

| Name | Value |
|----------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General Equipment |
| Type | AdministrativeState |

Administrative State**Table 3-3423 Administrative State**

| Name | Value |
|----------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | AdministrativeState |

APS Common Configuration
Table 3-3424 APS Common Configuration

| Name | Value |
|----------------|--------------------------|
| Default | yes:false |
| Displayed name | APS Common Configuration |
| OSS name | isCommonApsConfiguration |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

APS Protected**Table 3-3425 APS Protected**

| Name | Value |
|----------------|-----------------|
| Default | yes:false |
| Displayed name | APS Protected |
| OSS name | isApsProtected |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Automatic VLAN Binding**Table 3-3426 Automatic VLAN Binding**

| Name | Value |
|----------------|------------------------|
| Default | yes:true |
| Displayed name | Automatic VLAN Binding |
| OSS name | vlanAutoBind |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Background Diagnostics Fault Reason
Table 3-3427 Background Diagnostics Fault Reason

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Displayed name | Background Diagnostics Fault Reason |
| OSS name | backgroundDiagnosticsFaultReason |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Background Diagnostics State**Table 3-3428 Background Diagnostics State**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:unknown |
| Displayed name | Background Diagnostics State |
| OSS name | backgroundDiagnosticsState |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | BackgroundDiagnosticsStateType |

Channel Type**Table 3-3429 Channel Type**

| Name | Value |
|-----------------------|-------------------------|
| Default | yes:unknown |
| Displayed name | Channel Type |
| Mandatory on creation | yes |
| OSS name | portChannelType |
| Read-only | no |
| Tab Panel | General General |
| Type | DaughterCardChannelType |

Class
Table 3-3430 Class

| Name | Value |
|----------------|-----------------|
| Default | yes:none |
| Displayed name | Class |
| OSS name | portClass |
| Read-only | yes |
| Tab Panel | General General |
| Type | PortClass |

CLEI Code**Table 3-3431 CLEI Code**

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General Equipment Location Codes |
| Type | STRING |

CLI Name**Table 3-3432 CLI Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | CLI Name |
| Maximum | 252 |
| OSS name | portName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Collect Accounting Statistics
Table 3-3433 Collect Accounting Statistics

| Name | Value |
|----------------|-------------------------------|
| Default | yes:true |
| Displayed name | Collect Accounting Statistics |
| OSS name | collectStats |
| Read-only | no |
| Tab Panel | Policies.General Accounting |
| Type | BOOL |

Collect Accounting Statistics**Table 3-3434 Collect Accounting Statistics**

| Name | Value |
|----------------|--------------------------------------|
| Default | yes:false |
| Displayed name | Collect Accounting Statistics |
| OSS name | etherCollectStats |
| Read-only | no |
| Tab Panel | Policies.General Ethernet Accounting |
| Type | BOOL |

Combiner**Table 3-3435 Combiner**

| Name | Value |
|----------------|---|
| Default | yes:disable |
| Description | Enable/Disable Combiner(SD)function on MPT. |
| Displayed name | Combiner |
| OSS name | mptCombiner |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | LONG |

Configured MAC**Table 3-3436 Configured MAC**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Configured MAC |
| OSS name | macAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | MACADDR |

Containing Equipment Status**Table 3-3437 Containing Equipment Status**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:indeterminate |
| Displayed name | Containing Equipment Status |
| OSS name | containingEquipmentState |
| Read-only | yes |
| Tab Panel | States General |
| Type | ContainingEquipmentState |

Description**Table 3-3438 Description**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 256 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Encap Type
Table 3-3439 Encap Type

| Name | Value |
|----------------|-----------------|
| Default | yes:nullEncap |
| Displayed name | Encap Type |
| OSS name | encapType |
| Read-only | no |
| Tab Panel | General General |
| Type | PortEncapType |

Equipped**Table 3-3440 Equipped**

| Name | Value |
|----------------|----------------|
| Default | yes:false |
| Displayed name | Equipped |
| OSS name | isEquipped |
| Read-only | yes |
| Tab Panel | States General |
| Type | BOOL |

Firmware Revision Status**Table 3-3441 Firmware Revision Status**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:notApplicable |
| Displayed name | Firmware Revision Status |
| OSS name | hwFirmwareRevisionStatus |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | HwFirmwareRevisionStatusTypes |

Hardware Class
Table 3-3442 Hardware Class

| Name | Value |
|----------------|------------------------------|
| Default | no |
| Displayed name | Hardware Class |
| OSS name | hardwareClass |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | HardwareClassType |

Hardware MAC**Table 3-3443 Hardware MAC**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Hardware MAC |
| OSS name | hwMacAddress |
| Read-only | yes |
| Tab Panel | General General |
| Type | MACADDR |

Hold Time Down**Table 3-3444 Hold Time Down**

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Hold Time Down |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | holdTimeDown |
| Read-only | no |
| Tab Panel | General Hold Time |
| Type | INT |
| Units | seconds |

Hold Time Units

Table 3-3445 Hold Time Units

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Hold Time Units |
| OSS name | holdTimeUnits |
| Read-only | no |
| Tab Panel | General Hold Time |
| Type | HoldTimeUnitsType |

Hold Time Up

Table 3-3446 Hold Time Up

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Hold Time Up |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | holdTimeUp |
| Read-only | no |
| Tab Panel | General Hold Time |
| Type | INT |
| Units | seconds |

Holding IGH

Table 3-3447 Holding IGH

| Name | Value |
|----------------|------------------------------------|
| Default | yes: |
| Description | ECMP fate sharing group membership |
| Displayed name | Holding IGH |
| OSS name | memberOfIGH |
| Read-only | yes |
| Tab Panel | General IGH Membership |
| Type | POINTER |

HSMDA Egress Scheduler Policy
Table 3-3448 HSMDA Egress Scheduler Policy

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the hsmda scheduler policy used by this port |
| Displayed name | HSMDA Egress Scheduler Policy |
| OSS name | portEgrHsmdaSchedulerPolicy |
| Read-only | no |
| Tab Panel | Policies.General HSMDA Scheduler |
| Type | POINTER |

Interface ID**Table 3-3449 Interface ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Interface ID |
| OSS name | snmpPortId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

L2 Profile**Table 3-3450 L2 Profile**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Pointer to the L2 Profile Policy object. |
| Displayed name | L2 Profile |
| OSS name | l2ProfilePointer |
| Read-only | no |
| Tab Panel | Policies.General L2 Profile |
| Type | POINTER |

L2Uplink**Table 3-3451 L2Uplink**

| Name | Value |
|----------------|-----------------|
| Default | yes:false |
| Displayed name | L2Uplink |
| OSS name | isl2UplinkMode |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Link Trap**Table 3-3452 Link Trap**

| Name | Value |
|----------------|-----------------|
| Default | yes:disable |
| Displayed name | Link Trap |
| OSS name | linkTrap |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Link Up**Table 3-3453 Link Up**

| Name | Value |
|----------------|----------------|
| Default | yes:false |
| Displayed name | Link Up |
| OSS name | isLinkUp |
| Read-only | yes |
| Tab Panel | States General |
| Type | BOOL |

Load Balance Algorithm

Table 3-3454 Load Balance Algorithm

| Name | Value |
|----------------|---|
| Default | yes:notApplicable |
| Description | Specifies the load balancing algorithm to be used on this port. |
| Displayed name | Load Balance Algorithm |
| OSS name | loadBalanceAlgorithm |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.PortLoadBalanceAlgorithm |

Local Channel ID

Table 3-3455 Local Channel ID

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | This attribute will be ignored on creation of a APS Common Configuration Sonet Channel (sts3) Since the box will pick one as it very own, based on the portId of the physical port bound to the working circuit. This attribute will not be ignored on creation of a APS Common Configuration Sonet Channel when deep channels are supported (currently only on ASAP MDA). |
| Displayed name | Local Channel ID |
| Mandatory on creation | yes |
| Maximum | 100 |
| OSS name | displayedLocalChannelId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Manufacture Date

Table 3-3456 Manufacture Date

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Manufacture Date |
| Maximum | 252 |

Table 3-3456 Manufacture Date (continued)

| Name | Value |
|-------------|------------------------------|
| OSS name | manufactureDate |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturer**Table 3-3457 Manufacturer**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturer |
| Maximum | 252 |
| OSS name | manufacturer |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Assembly No**Table 3-3458 Manufacturing Assembly No**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Assembly No |
| OSS name | manufacturingAssemblyNo |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Deviations**Table 3-3459 Manufacturing Deviations**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-3459 Manufacturing Deviations (continued)

| Name | Value |
|----------------|------------------------------|
| Displayed name | Manufacturing Deviations |
| OSS name | manufacturingDeviations |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Variant**Table 3-3460 Manufacturing Variant**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Variant |
| OSS name | manufacturingVariant |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Mode**Table 3-3461 Mode**

| Name | Value |
|----------------|-----------------|
| Default | yes:undefined |
| Displayed name | Mode |
| OSS name | mode |
| Read-only | no |
| Tab Panel | General General |
| Type | PortMode |

MTU**Table 3-3462 MTU**

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 3-3462 MTU (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | MTU |
| OSS name | mtuValue |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |
| Units | bytes |

Name**Table 3-3463 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Network Queue Policy Name**Table 3-3464 Network Queue Policy Name**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:default |
| Displayed name | Network Queue Policy Name |
| Maximum | 32 |
| Minimum | 1 |
| OSS name | networkQueuePolicyName |
| Read-only | yes |
| Tab Panel | Policies.General Network Queue |
| Type | STRING |

Operational State
Table 3-3465 Operational State

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | OperationalState |

Operational State**Table 3-3466 Operational State**

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |
| Type | OperationalState |

Parent Interface ID**Table 3-3467 Parent Interface ID**

| Name | Value |
|----------------|---------------------|
| Default | yes:0 |
| Displayed name | Parent Interface ID |
| OSS name | parentSnmpPortId |
| Read-only | yes |
| Tab Panel | General ParentInfo |
| Type | LONG |

Parent Name**Table 3-3468 Parent Name**

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Parent Name |
| Maximum | 252 |
| OSS name | parentDisplayedName |
| Read-only | yes |
| Tab Panel | General ParentInfo |
| Type | STRING |

Part Number**Table 3-3469 Part Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Part Number |
| Maximum | 252 |
| OSS name | manufacturerBoardNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Port Scheduler Policy**Table 3-3470 Port Scheduler Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the port scheduler policy used by this port |
| Displayed name | Port Scheduler Policy |
| OSS name | portSchedulerPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Port Scheduler |
| Type | POINTER |

Port Usage
Table 3-3471 Port Usage

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Port Usage |
| OSS name | portUsage |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | INT |

Previous State**Table 3-3472 Previous State**

| Name | Value |
|----------------|----------------|
| Default | yes:1 |
| Displayed name | Previous State |
| OSS name | previousState |
| Read-only | yes |
| Tab Panel | States General |
| Type | PortState |

Queue 1**Table 3-3473 Queue 1**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 1 |
| OSS name | portStatsQueue1PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 2**Table 3-3474 Queue 2**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 2 |
| OSS name | portStatsQueue2PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 3**Table 3-3475 Queue 3**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 3 |
| OSS name | portStatsQueue3PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 4**Table 3-3476 Queue 4**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 4 |
| OSS name | portStatsQueue4PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 5**Table 3-3477 Queue 5**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 5 |
| OSS name | portStatsQueue5PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 6**Table 3-3478 Queue 6**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 6 |
| OSS name | portStatsQueue6PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 7**Table 3-3479 Queue 7**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 7 |
| OSS name | portStatsQueue7PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 8**Table 3-3480 Queue 8**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 8 |
| OSS name | portStatsQueue8PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Serial Number**Table 3-3481 Serial Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Serial Number |
| Maximum | 252 |
| OSS name | serialNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Site ID**Table 3-3482 Site ID**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site Name
Table 3-3483 Site Name

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Speed**Table 3-3484 Speed**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Speed |
| OSS name | speed |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.Speed |
| Units | Mbps |

State**Table 3-3485 State**

| Name | Value |
|----------------|----------------|
| Default | yes:1 |
| Displayed name | State |
| OSS name | state |
| Read-only | yes |
| Tab Panel | States General |
| Type | PortState |

Status**Table 3-3486 Status**

| Name | Value |
|----------------|-------------------------|
| Default | yes:indeterminate |
| Displayed name | Status |
| OSS name | compositeEquipmentState |
| Read-only | yes |
| Tab Panel | States General |
| Type | CompositeEquipmentState |

Subrack Connection**Table 3-3487 Subrack Connection**

| Name | Value |
|----------------|--|
| Default | no |
| Description | specifies where the MPT is connected to on the subrack |
| Displayed name | Subrack Connection |
| OSS name | mptSubrackPointer |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | POINTER |

UNI Profile**Table 3-3488 UNI Profile**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the UNI Profile Policy object. |
| Displayed name | UNI Profile |
| OSS name | uniProfilePointer |
| Read-only | no |
| Tab Panel | Policies.General UNI Profile |
| Type | POINTER |

User label
Table 3-3489 User label

| Name | Value |
|----------------|-----------------|
| Default | no |
| Displayed name | User label |
| Maximum | 15 |
| OSS name | userLabel |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Optical Connection parameters

Admin State**Table 3-3490 Admin State**

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:up |
| Description | Admin state of the connection. |
| Displayed name | Admin State |
| OSS name | adminState |
| Read-only | no |
| Tab Panel | General Connection Info |
| Type | ConnectionAdminState |
| Enumerated types: | |
| Automatic In-Service | |
| Blocking | |
| Down | |
| Maintenance | |
| Partially Down | |
| Standby/Backup | |
| Unknown | |
| Up | |

Bidirectional**Table 3-3491 Bidirectional**

| Name | Value |
|-----------------------|--|
| Default | yes:true |
| Description | Direction of the connection - Unidirectional or Bidirectional. |
| Displayed name | Bidirectional |
| Mandatory on creation | yes |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General Connection Info |
| Type | BOOL |

Connection Type**Table 3-3492 Connection Type**

| Name | Value |
|--------------------------|--|
| Description | Type of connection - ServicePath, ODUTrail, OCHTrail, etc. |
| Displayed name | Connection Type |
| Mandatory on creation | yes |
| OSS name | connectionType |
| Read-only | no |
| Tab Panel | General Connection Info |
| Type | ConnectionType |
| Enumerated types: | |
| Multipoint Service Path | |
| OCH CrossConnect | |
| OCH CrossConnect Group | |
| OCH Trail | |
| OCH Trail Path | |
| OCH Trail Path - Preview | |
| ODU Trail | |
| ODU Trail Path | |
| ODU Trail Path - Preview | |
| ODUk CrossConnect | |
| OMS Trail | |

Table 3-3492 Connection Type (continued)

| Name | Value |
|----------------------------|-------|
| OMS Trail Path | |
| OT CrossConnect | |
| OTS Trail | |
| OTS Trail Path | |
| OTU Trail | |
| OTU Trail Path | |
| OTU Trail Path - Preview | |
| Port Trail | |
| Service Path | |
| Service Path - Preview | |
| Subnetwork Connection | |
| Transport Service | |
| Virtual OCH CrossConnect | |
| Virtual ODUk Cross Connect | |
| VTs CrossConnect | |

Port A**Table 3-3493 Port A**

| Name | Value |
|-----------------------|----------------------------------|
| Description | Physical port pointer for A end. |
| Displayed name | Port A |
| Mandatory on creation | yes |
| OSS name | portAPointer |
| Read-only | no |
| Tab Panel | General Endpoint Ports A and Z |
| Type | POINTER |

Port Z**Table 3-3494 Port Z**

| Name | Value |
|-------------|----------------------------------|
| Description | Physical port pointer for Z end. |

Table 3-3494 Port Z (continued)

| Name | Value |
|-----------------------|--------------------------------|
| Displayed name | Port Z |
| Mandatory on creation | yes |
| OSS name | portZPointer |
| Read-only | no |
| Tab Panel | General Endpoint Ports A and Z |
| Type | POINTER |

Protection State**Table 3-3495 Protection State**

| Name | Value |
|--------------------------|--|
| Default | yes:none |
| Description | Protection state of the connection - unprotected, working or protection. |
| Displayed name | Protection State |
| Mandatory on creation | yes |
| OSS name | protectionState |
| Read-only | no |
| Tab Panel | General Connection Info |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Rate**Table 3-3496 Rate**

| Name | Value |
|-------------|---------------------------------------|
| Description | Indicates the rate of the connection. |

Table 3-3496 Rate (continued)

| Name | Value |
|--------------------------|-------------------------|
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General Connection Info |
| Type | AssignedRate |
| Enumerated types: | |
| 100GbE LAN | |
| 10GbE LAN | |
| 1GbE | |
| 3GSDI | |
| 40GbE LAN | |
| 40GbE MLD LAN | |
| BITS | |
| CBR10G | |
| CBR10G3 | |
| CBR2G5 | |
| DCN | |
| DDR | |
| Default | |
| DVBASI | |
| DVI 6000 | |
| E1 | |
| ESCON | |
| FC100 | |
| FC1200 | |
| FC1600 | |
| FC200 | |
| FC400 | |
| FC800 | |
| FDDI | |
| FE | |
| HDSDI | |

Table 3-3496 Rate (continued)

| Name | Value |
|-------------------|-------|
| N/A | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex-3GSDI | |
| ODUFlex-40GBE MLD | |
| ODUFlex-CBR | |
| ODUFlex-DDR | |
| ODUFlex-FC1200 | |
| ODUFlex-FC1600 | |
| ODUFlex-FC400 | |
| ODUFlex-FC800 | |
| ODUFlex-GFP | |
| OMS | |
| ONETRU | |
| OPTSG | |
| OS | |
| OTL4.4 | |
| OTS | |

Table 3-3496 Rate (continued)

| Name | Value |
|------------|-------|
| OTU1 | |
| OTU1f | |
| OTU2 | |
| OTU2e | |
| OTU3 | |
| OTU3e2 | |
| OTU4 | |
| OTU4x2 | |
| SDR | |
| SDSDI | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| SubGigE | |
| TOD | |
| Unassigned | |
| Unknown | |

Wave Key Assign Mode

Table 3-3497 Wave Key Assign Mode

| Name | Value |
|--------------------------|--------------------------|
| Default | yes:auto |
| Description | Wavekey assignment mode. |
| Displayed name | Wave Key Assign Mode |
| OSS name | wavekeyAssignMode |
| Read-only | no |
| Tab Panel | General Connection Info |
| Type | WavekeySelect |
| Enumerated types: | |
| Auto Keying (NE) | |

Table 3-3497 Wave Key Assign Mode (continued)

| Name | Value |
|-------------------|-------|
| Auto Keying (NMS) | |
| Unkeyed | |

Optical Link parameters

Calculated A-Z Loss

Table 3-3498 Calculated A-Z Loss

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Description | Calculated A-Z Loss |
| Displayed name | Calculated A-Z Loss |
| OSS name | calAtoZLoss |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |
| Units | dBm |

Calculated Z-A Loss

Table 3-3499 Calculated Z-A Loss

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Description | Calculated Z-A Loss |
| Displayed name | Calculated Z-A Loss |
| OSS name | calZtoALoss |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |
| Units | dBm |

Direction**Table 3-3500 Direction**

| Name | Value |
|--------------------------|--|
| Default | yes:BiDirectional |
| Description | Direction of the optical link - unidirectional or bidirectional. |
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | linkDirection |
| Read-only | no |
| Tab Panel | General General |
| Type | OpticalLinkDirectionType |
| Enumerated types: | |
| | Bidirectional |
| | Unidirectional |

Endpoint A - Port**Table 3-3501 Endpoint A - Port**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | A pointer to the physical port at endpoint A. |
| Displayed name | Endpoint A - Port |
| Mandatory on creation | yes |
| OSS name | endpointAPointer |
| Read-only | no |
| Tab Panel | General Endpoint A - Port |
| Type | POINTER |

Endpoint A Name**Table 3-3502 Endpoint A Name**

| Name | Value |
|----------------|--------------------------|
| Description | Port name of endpoint A. |
| Displayed name | Endpoint A Name |
| OSS name | endPointAName |

Table 3-3502 Endpoint A Name (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Endpoint A Type**Table 3-3503 Endpoint A Type**

| Name | Value |
|----------------|--------------------|
| Default | yes:Port |
| Description | Type of endpoint A |
| Displayed name | Endpoint A Type |
| OSS name | endPointAType |
| Read-only | no |
| Tab Panel | General General |
| Type | EndPointType |

Endpoint B - Port**Table 3-3504 Endpoint B - Port**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | A pointer to the physical port at endpoint B, if usesManagedEndpointB is true. |
| Displayed name | Endpoint B - Port |
| Mandatory on creation | yes |
| OSS name | endpointBPointer |
| Read-only | no |
| Tab Panel | General Endpoint B - Port |
| Type | POINTER |

Endpoint B Name
Table 3-3505 Endpoint B Name

| Name | Value |
|----------------|--------------------------|
| Description | Port name of endpoint B. |
| Displayed name | Endpoint B Name |
| OSS name | endPointBName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Endpoint B Type**Table 3-3506 Endpoint B Type**

| Name | Value |
|----------------|--------------------|
| Default | yes:Port |
| Description | Type of endpoint B |
| Displayed name | Endpoint B Type |
| OSS name | endPointBType |
| Read-only | no |
| Tab Panel | General General |
| Type | EndPointType |

gneInterfaceEndpointAPointer**Table 3-3507 gneInterfaceEndpointAPointer**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | A pointer to a generic NE interface at endpoint A. |
| Mandatory on creation | yes |
| OSS name | gneInterfaceEndpointAPointer |
| Read-only | no |
| Tab Panel | General Endpoint A - Generic NE Interface |
| Type | POINTER |

gneInterfaceEndpointBPointer**Table 3-3508 gneInterfaceEndpointBPointer**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | A pointer to a generic NE interface at endpoint B. |
| Mandatory on creation | yes |
| OSS name | gneInterfaceEndpointBPointer |
| Read-only | no |
| Tab Panel | General Endpoint B - Generic NE Interface |
| Type | POINTER |

ID**Table 3-3509 ID**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:0 |
| Description | Uniquely identifies an optical link |
| Displayed name | ID |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | opticalLinkId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Link Rate**Table 3-3510 Link Rate**

| Name | Value |
|----------------|-----------------|
| Default | yes:os |
| Displayed name | Link Rate |
| OSS name | linkRate |
| Read-only | no |
| Tab Panel | General General |
| Type | LinkRate |

Table 3-3510 Link Rate (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| OS | |
| OTS | |

Name**Table 3-3511 Name**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Name provided by user. It is not mandatory on create. If nothing is given by the user, then SAM provides the name. This is not deployed on the NE for 1830 PSS. |
| Displayed name | Name |
| Maximum | 200 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Notes**Table 3-3512 Notes**

| Name | Value |
|----------------|-------------------------------------|
| Description | Information about the optical link. |
| Displayed name | Notes |
| Maximum | 254 |
| Minimum | 0 |
| OSS name | notes |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site A name**Table 3-3513 Site A name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Site Name of endpoint A. If the link is created from LLDP, this should always be a managed node. |
| Displayed name | Site A name |
| OSS name | endPointASiteName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site B name**Table 3-3514 Site B name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Site Name of endpoint B. If the link is created from LLDP, this should always be a managed node. |
| Displayed name | Site B name |
| OSS name | endPointBSiteName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Type**Table 3-3515 Type**

| Name | Value |
|----------------|--|
| Description | Type of optical link - internal or external. |
| Displayed name | Type |
| OSS name | opticalLinkType |
| Read-only | no |
| Tab Panel | General General |
| Type | OpticalLinkType |

Table 3-3515 Type (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| External | |
| Inter-Compound | |
| Internal | |

Unmanaged NE Identifier**Table 3-3516 Unmanaged NE Identifier**

| Name | Value |
|----------------|--------------------------------------|
| Description | Endpoint of NE which is not managed. |
| Displayed name | Unmanaged NE Identifier |
| OSS name | unManagedNEEndPoint |
| Read-only | no |
| Tab Panel | General Endpoint A - Unmanaged NE |
| Type | STRING |

Unmanaged NE Identifier**Table 3-3517 Unmanaged NE Identifier**

| Name | Value |
|----------------|--------------------------------------|
| Description | Endpoint of NE which is not managed. |
| Displayed name | Unmanaged NE Identifier |
| OSS name | unManagedNEEndPoint |
| Read-only | no |
| Tab Panel | General Endpoint B - Unmanaged NE |
| Type | STRING |

Optical Path Constraint parameters

Constraint Element

Table 3-3518 Constraint Element

| Name | Value |
|--------------------------|--|
| Default | yes:port |
| Description | Type of constraint element, e.g. port, site, oduTrail. |
| Displayed name | Constraint Element |
| OSS name | constraintElement |
| Read-only | no |
| Tab Panel | General General |
| Type | ConstraintElementType |
| Enumerated types: | |
| ODUk TimeSlot | |
| Optical Link | |
| OPTSG TimeSlot | |
| Port | |
| Site | |
| Subnetwork Connections | |
| TE Link | |
| Traffic Engineering | |
| Trail | |

Constraint Name

Table 3-3519 Constraint Name

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Type of constraint element, e.g. port, site, oduTrail. |
| Displayed name | Constraint Name |
| OSS name | constraintName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Constraint Type**Table 3-3520 Constraint Type**

| Name | Value |
|--------------------------|--|
| Default | yes:exclusion |
| Description | Type of constraint, e.g. inclusion, exclusion. |
| Displayed name | Constraint Type |
| Mandatory on creation | yes |
| OSS name | constraintType |
| Read-only | no |
| Tab Panel | General General |
| Type | ConstraintType |
| Enumerated types: | |
| Exclusion | |
| Inclusion | |

Exclude Colors**Table 3-3521 Exclude Colors**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Applies to the control plane segment only. |
| Displayed name | Exclude Colors |
| OSS name | excludeAnyColor |
| Read-only | no |
| Tab Panel | General Traffic Engineering Constraints |
| Type | LONG |
| Units | bitmap |

Excluded Colors**Table 3-3522 Excluded Colors**

| Name | Value |
|-------------|--|
| Default | yes: |
| Description | User-friendly presentation of colors as comma separated list of numbers. For display use only. |

Table 3-3522 Excluded Colors (continued)

| Name | Value |
|----------------|---|
| Displayed name | Excluded Colors |
| OSS name | excludedColorList |
| Read-only | yes |
| Tab Panel | General Traffic Engineering Constraints |
| Type | STRING |

Include Colors**Table 3-3523 Include Colors**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Applies to the control plane segment only. |
| Displayed name | Include Colors |
| OSS name | includeAnyColor |
| Read-only | no |
| Tab Panel | General Traffic Engineering Constraints |
| Type | LONG |
| Units | bitmap |

Included Colors**Table 3-3524 Included Colors**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | User-friendly presentation of colors as comma separated list of numbers. For display use only. |
| Displayed name | Included Colors |
| OSS name | includedColorList |
| Read-only | yes |
| Tab Panel | General Traffic Engineering Constraints |
| Type | STRING |

Latency Offset At Termination Points

Table 3-3525 Latency Offset At Termination Points

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Applies to the control plane segment only. Latency offset at drop data bearers. |
| Displayed name | Latency Offset At Termination Points |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | accessLinkLatency |
| Read-only | no |
| Tab Panel | General Traffic Engineering Constraints |
| Type | LONG |
| Units | microsecs |

Maximum Hop Count

Table 3-3526 Maximum Hop Count

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Applies to the control plane segment only. |
| Displayed name | Maximum Hop Count |
| OSS name | maxHopCount |
| Read-only | no |
| Tab Panel | General Traffic Engineering Constraints |
| Type | INT |

Maximum Latency Allowed

Table 3-3527 Maximum Latency Allowed

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Applies to the control plane segment only. Latency metric; 0 means no latency. |
| Displayed name | Maximum Latency Allowed |
| Maximum | 4294967295 |
| Minimum | 0 |

Table 3-3527 Maximum Latency Allowed (continued)

| Name | Value |
|-------------|---|
| OSS name | maxLatency |
| Read-only | no |
| Tab Panel | General Traffic Engineering Constraints |
| Type | LONG |
| Units | microsecs |

ODUk Rate**Table 3-3528 ODUk Rate**

| Name | Value |
|----------------|-----------------|
| Default | yes:null |
| Displayed name | ODUk Rate |
| OSS name | odukRate |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.OduRate |

ODUk Timeslot**Table 3-3529 ODUk Timeslot**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | Pointer to an Oduk timeslot (channel). |
| Displayed name | ODUk Timeslot |
| Mandatory on creation | yes |
| OSS name | odukTimeslotPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Optical Link**Table 3-3530 Optical Link**

| Name | Value |
|-----------------------|--------------------|
| Default | yes: |
| Description | Trail Name. |
| Displayed name | Optical Link |
| Mandatory on creation | yes |
| OSS name | opticalLinkPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

OPTSG Timeslot**Table 3-3531 OPTSG Timeslot**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | Pointer to an Optsg timeslot (channel). |
| Displayed name | OPTSG Timeslot |
| Mandatory on creation | yes |
| OSS name | optsgTimeslotPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Port**Table 3-3532 Port**

| Name | Value |
|-----------------------|-------------|
| Default | yes: |
| Description | Port Name. |
| Displayed name | Port |
| Mandatory on creation | yes |
| OSS name | portPointer |
| Read-only | no |

Table 3-3532 Port (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | POINTER |

Service Path Type**Table 3-3533 Service Path Type**

| Name | Value |
|--------------------------|--|
| Default | yes:none |
| Description | Type of connection to be created using this constraint element - Unprotected, working or protection. |
| Displayed name | Service Path Type |
| OSS name | protectionType |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Site**Table 3-3534 Site**

| Name | Value |
|-----------------------|-------------|
| Default | yes: |
| Description | Site Id. |
| Displayed name | Site |
| Mandatory on creation | yes |
| OSS name | sitePointer |

Table 3-3534 Site (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Subnetwork Connection**Table 3-3535 Subnetwork Connection**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | Pointer to a Subnetwork Connection (SNC). |
| Displayed name | Subnetwork Connection |
| Mandatory on creation | yes |
| OSS name | subnetworkConnectionPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

TE Link**Table 3-3536 TE Link**

| Name | Value |
|-----------------------|-----------------------|
| Default | yes: |
| Description | Pointer to a TE Link. |
| Displayed name | TE Link |
| Mandatory on creation | yes |
| OSS name | teLinkPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Trail
Table 3-3537 Trail

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Description | Trail Name. |
| Displayed name | Trail |
| Mandatory on creation | yes |
| OSS name | trailPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Optical Port parameters

Administrative State

Table 3-3538 Administrative State

| Name | Value |
|----------------|-------------------------------|
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | equipment.AdministrativeState |

AINS Countdown

Table 3-3539 AINS Countdown

| Name | Value |
|----------------|---|
| Description | Number of seconds until the Port AINS DebounceTime expires. If Port AINS is false or Port AINS Debounce Time is 0, the value of this attribute will be 0. |
| Displayed name | AINS Countdown |
| OSS name | apAinsDebounceTimeRemaining |
| Read-only | no |
| Tab Panel | General AINS |
| Type | STRING |

AINS Timer
Table 3-3540 AINS Timer

| Name | Value |
|----------------|--------------------|
| Displayed name | AINS Timer |
| OSS name | apAinsDebounceTime |
| Read-only | no |
| Tab Panel | General AINS |
| Type | STRING |

Assigned Rate**Table 3-3541 Assigned Rate**

| Name | Value |
|--------------------------|---------------------|
| Description | Assigned Port Rate. |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | AssignedRate |
| Enumerated types: | |
| 100GbE LAN | |
| 10GbE LAN | |
| 1GbE | |
| 3GSDI | |
| 40GbE LAN | |
| 40GbE MLD LAN | |
| BITS | |
| CBR10G | |
| CBR10G3 | |
| CBR2G5 | |
| DCN | |
| DDR | |
| Default | |
| DVBASI | |
| DVI 6000 | |

Table 3-3541 Assigned Rate (continued)

| Name | Value |
|-------------------|-------|
| E1 | |
| ESCON | |
| FC100 | |
| FC1200 | |
| FC1600 | |
| FC200 | |
| FC400 | |
| FC800 | |
| FDDI | |
| FE | |
| HDSDI | |
| N/A | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex-3GSDI | |
| ODUFlex-40GBE MLD | |
| ODUFlex-CBR | |
| ODUFlex-DDR | |

Table 3-3541 Assigned Rate (continued)

| Name | Value |
|----------------|-------|
| ODUFlex-FC1200 | |
| ODUFlex-FC1600 | |
| ODUFlex-FC400 | |
| ODUFlex-FC800 | |
| ODUFlex-GFP | |
| OMS | |
| ONETRU | |
| OPTSG | |
| OS | |
| OTL4.4 | |
| OTS | |
| OTU1 | |
| OTU1f | |
| OTU2 | |
| OTU2e | |
| OTU3 | |
| OTU3e2 | |
| OTU4 | |
| OTU4x2 | |
| SDR | |
| SDSDI | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| SubGigE | |
| TOD | |
| Unassigned | |
| Unknown | |

Containing Equipment Status

Table 3-3542 Containing Equipment Status

| Name | Value |
|----------------|------------------------------------|
| Displayed name | Containing Equipment Status |
| OSS name | containingEquipmentState |
| Read-only | no |
| Tab Panel | General States |
| Type | equipment.ContainingEquipmentState |

Displayed Name

Table 3-3543 Displayed Name

| Name | Value |
|----------------|---------------------|
| Description | Port displayed Name |
| Displayed name | Displayed Name |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Equipped

Table 3-3544 Equipped

| Name | Value |
|----------------|----------------|
| Displayed name | Equipped |
| OSS name | isEquipped |
| Read-only | no |
| Tab Panel | General States |
| Type | BOOL |

Facility Loopback

Table 3-3545 Facility Loopback

| Name | Value |
|-------------|--------------------|
| Description | Facility Loopback. |

Table 3-3545 Facility Loopback (continued)

| Name | Value |
|----------------|-----------------------|
| Displayed name | Facility Loopback |
| OSS name | facilityLoopback |
| Read-only | no |
| Tab Panel | General Test/Analysis |
| Type | BOOL |

Operational State

Table 3-3546 Operational State

| Name | Value |
|----------------|----------------------------|
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | equipment.OperationalState |

Pluggable Module Type

Table 3-3547 Pluggable Module Type

| Name | Value |
|--------------------------|---------------------------------|
| Description | The programmed XFP or SFP type. |
| Displayed name | Pluggable Module Type |
| OSS name | portXfpType |
| Read-only | no |
| Tab Panel | General General |
| Type | XfpType |
| Enumerated types: | |
| 1000B | |
| 1000B-CX | |
| 1000B-LX | |
| 1000B-SX | |
| 1000B-T | |
| 1000B-T2 | |

Table 3-3547 Pluggable Module Type (continued)

| Name | Value |
|------------|-------|
| 1000B-ZX | |
| 1000BLXU | |
| 1000BSXU | |
| 1000BZXU | |
| 100BFXS | |
| 100BLX10 | |
| 100BULHO | |
| 10GB | |
| 10GB-ER | |
| 10GB-EW | |
| 10GB-LR | |
| 10GB-LRM | |
| 10GB-LW | |
| 10GB-SR | |
| 10GB-SW | |
| 10GB-ZR | |
| 16FCLC-L | |
| 16FCSN-I | |
| 2FCLC-L | |
| 2FCSN-I | |
| 3GSDI-MH | |
| 3GSDI-SH | |
| 4FC-OC | |
| 4FC-OD | |
| 4FCLC-L | |
| 4FCSN-I | |
| 8FCLC-L | |
| 8FCLC-LC | |
| 8FCLC-LD | |
| 8FCSN-I | |
| ANY DATA S | |
| ANY DATA X | |
| ANY OC12 | |

Table 3-3547 Pluggable Module Type (continued)

| Name | Value |
|---------------|-------|
| ANY OC192 | |
| ANY OC3 | |
| ANY OC48 | |
| Auto | |
| BNCDV-RX | |
| BNCDV-TX | |
| C113G10C | |
| C113G4C | |
| C113G4Cd | |
| C113G4D | |
| C113G4T | |
| C113S10 | |
| C2CLR4e | |
| C2CSR10e | |
| C43G4C | |
| ETHEMR | |
| FE-BX40D | |
| FE-BX40U | |
| Fixed | |
| fVOA | |
| GE-BX20D | |
| GE-BX20U | |
| GE-BX40D | |
| GE-BX40U | |
| IR12G7AU | |
| IR12G7TU | |
| IR211G1AU | |
| L-4.1 | |
| L-4.2 | |
| LR12G7TU | |
| LR17DW11G1TUC | |
| LR18DW11G1TUC | |
| LR19DW11G1TUC | |

Table 3-3547 Pluggable Module Type (continued)

| Name | Value |
|---------------|-------|
| LR20DW11G1TUC | |
| LR211G1AU | |
| LR21DW11G1TUC | |
| LR22DW11G1TUC | |
| LR22G7TU | |
| LR23DW11G1TUC | |
| LR24DW11G1TUC | |
| LR25DW11G1TUC | |
| LR26DW11G1TUC | |
| LR27DW11G1TUC | |
| LR28DW11G1TUC | |
| LR29DW11G1TUC | |
| LR30DW11G1TUC | |
| LR31DW11G1TUC | |
| LR32DW11G1TUC | |
| LR33DW11G1TUC | |
| LR34DW11G1TUC | |
| LR35DW11G1TUC | |
| LR36DW11G1TUC | |
| LR37DW11G1TUC | |
| LR38DW11G1TUC | |
| LR39DW11G1TUC | |
| LR40DW11G1TUC | |
| LR41DW11G1TUC | |
| LR42DW11G1TUC | |
| LR42W103GEUC | |
| LR42W112GAUC | |
| LR43DW11G1TUC | |
| LR44DW11G1TUC | |
| LR45DW11G1TUC | |
| LR46DW11G1TUC | |
| LR47DW11G1TUC | |
| LR47W11G1TUC | |

Table 3-3547 Pluggable Module Type (continued)

| Name | Value |
|---------------|-------|
| LR47W11G1TUI | |
| LR48DW11G1TUC | |
| LR49DW11G1TUC | |
| LR49W11G1TUC | |
| LR49W11G1TUI | |
| LR50DW11G1TUC | |
| LR51DW11G1TUC | |
| LR51W11G1TUC | |
| LR51W11G1TUI | |
| LR52DW11G1TUC | |
| LR53DW11G1TUC | |
| LR53W11G1TUC | |
| LR53W11G1TUI | |
| LR54DW11G1TUC | |
| LR55DW11G1TUC | |
| LR55W11G1TUC | |
| LR55W11G1TUI | |
| LR56DW11G1TUC | |
| LR57DW11G1TUC | |
| LR57W11G1TUC | |
| LR57W11G1TUI | |
| LR58DW11G1TUC | |
| LR59DW11G1TUC | |
| LR59W11G1TUC | |
| LR59W11G1TUI | |
| LR60DW11G1TUC | |
| LR61W11G1TUC | |
| LR61W11G1TUI | |
| LRT11G1TU | |
| LRZCT11G1TUC | |
| NotApplicable | |
| Q40GLR4 | |
| Q40GSR4 | |

Table 3-3547 Pluggable Module Type (continued)

| Name | Value |
|---------------|-------|
| S-4.1 | |
| S10GB-LR | |
| S10GB-SR | |
| S1E | |
| S8FCLC-L | |
| SEU-1.2O | |
| SFEBTEE | |
| SG-L-1.1 | |
| SG-L-4.1 | |
| SG-S-1.1 | |
| SG-S-4.1 | |
| SI-1.1 | |
| SI-16.1 | |
| SI-4.1 | |
| SL-1.1 | |
| SL-1.2 | |
| SL-16.1 | |
| SL-16.2 | |
| SL-16.2C | |
| SL-16.2D | |
| SL-16.2O | |
| SL-4.1 | |
| SL-4.2 | |
| SL10G155TU | |
| SL10G622TU | |
| SL20G155TU | |
| SL20G622TU | |
| SR101W103GEUC | |
| SR10G155TU | |
| SR10G622TU | |
| SR111G1AU | |
| SR12G7TU | |
| SR47W11G1TUC | |

Table 3-3547 Pluggable Module Type (continued)

| Name | Value |
|--------------|-------|
| SR47W11G1TUI | |
| SR49W11G1TUC | |
| SR49W11G1TUI | |
| SR51W11G1TUC | |
| SR51W11G1TUI | |
| SR53W11G1TUC | |
| SR53W11G1TUI | |
| SR55W11G1TUC | |
| SR55W11G1TUI | |
| SR57W11G1TUC | |
| SR59W11G1TUC | |
| SR61W11G1TUC | |
| SS-1.1 | |
| SS-1.2 | |
| SS-16.1 | |
| SS-16.1A | |
| SS-16.1AR | |
| SS-16.2 | |
| SS-16.2C | |
| SS-16.2O | |
| SS-4.1 | |
| SS-4.2 | |
| SUL-1.1 | |
| SUL-1.2 | |
| SUL-1.2O | |
| sVOA | |
| SXI-64.1 | |
| SXS-64.2b | |
| SXS-64.2C | |
| Unknown | |
| Unplugged | |
| User | |
| X8FCLC-L | |

Table 3-3547 Pluggable Module Type (continued)

| Name | Value |
|-----------|-------|
| X8FCSN-I | |
| XI-64.1 | |
| XI-64.1R | |
| XI-64.2 | |
| XI-64.2C | |
| XI-64.2R | |
| XI-64.3 | |
| XI-64.5 | |
| XL-64.1 | |
| XL-64.2 | |
| XL-64.2A | |
| XL-64.2C | |
| XL-64.2D | |
| XL-64.3 | |
| XL-64TCW | |
| XL-64TU | |
| XP-1L12D2 | |
| XS-64.1 | |
| XS-64.2A | |
| XS-64.2B | |
| XS-64.2C | |
| XS-64.2D | |
| XS-64.3 | |
| XS-64.3A | |
| XS-64.5 | |
| XS-64.5A | |
| XV-64.2 | |
| XV-64.2A | |
| XV-64.3 | |

Port AINS
Table 3-3548 Port AINS

| Name | Value |
|----------------|--------------|
| Displayed name | Port AINS |
| OSS name | apAins |
| Read-only | no |
| Tab Panel | General AINS |
| Type | BOOL |

Site Id**Table 3-3549 Site Id**

| Name | Value |
|----------------|-----------------|
| Description | Site Id. |
| Displayed name | Site Id |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-3550 Site Name**

| Name | Value |
|----------------|-----------------|
| Description | Site name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Specific Description
Table 3-3551 Specific Description

| Name | Value |
|----------------|----------------------|
| Description | Port Description. |
| Displayed name | Specific Description |
| OSS name | apDesc |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

State Qualifier**Table 3-3552 State Qualifier**

| Name | Value |
|--------------------------|------------------------------|
| Description | State Qualifier of the Port. |
| Displayed name | State Qualifier |
| OSS name | apStateQualifier |
| Read-only | no |
| Tab Panel | General General |
| Type | StateQualifier |
| Enumerated types: | |
| AINS | |
| FAF | |
| FLT | |
| LOCKED | |
| MEA | |
| MT | |
| PORT RX FAULT | |
| PORT TX FAULT | |
| SDEE | |
| SGEO | |
| UAS | |
| UEQ | |

Status
Table 3-3553 Status

| Name | Value |
|----------------|-----------------------------------|
| Description | Physical port Status. |
| Displayed name | Status |
| OSS name | compositeEquipmentState |
| Read-only | no |
| Tab Panel | General States |
| Type | equipment.CompositeEquipmentState |

Status LED Color**Table 3-3554 Status LED Color**

| Name | Value |
|----------------|--|
| Description | apLEDStatus is built using apLEDColor and apLEDState |
| Displayed name | Status LED Color |
| OSS name | apLEDStatus |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Terminal Loopback**Table 3-3555 Terminal Loopback**

| Name | Value |
|----------------|-----------------------|
| Description | Terminal Loopback. |
| Displayed name | Terminal Loopback |
| OSS name | terminalLoopback |
| Read-only | no |
| Tab Panel | General Test/Analysis |
| Type | BOOL |

Test Signal Loopback

Table 3-3556 Test Signal Loopback

| Name | Value |
|----------------|-----------------------|
| Description | Test Signal Loopback. |
| Displayed name | Test Signal Loopback |
| OSS name | testSignalLoopback |
| Read-only | no |
| Tab Panel | General Test/Analysis |
| Type | BOOL |

Use System Default AINS Timer

Table 3-3557 Use System Default AINS Timer

| Name | Value |
|----------------|-------------------------------|
| Displayed name | Use System Default AINS Timer |
| OSS name | apUsingSysAinsDebounceTime |
| Read-only | no |
| Tab Panel | General AINS |
| Type | BOOL |

Optical Service Path parameters

Additional Information

Table 3-3558 Additional Information

| Name | Value |
|--------------------------|--|
| Description | Indicates why operational state is down for this connection. |
| Displayed name | Additional Information |
| OSS name | stateCause |
| Read-only | yes |
| Tab Panel | General States |
| Type | OperationalFlags |
| Enumerated types: | |
| Cross Connect Down | |

Table 3-3558 Additional Information (continued)

| Name | Value |
|--|-------|
| Missing Cross Connect | |
| Missing ODUk Connection | |
| Missing VTS Connection | |
| OCH Trail Name Mismatch | |
| Port (that is not part of CrossConnect) Down | |
| VTS Connection is Down | |
| Wave Key Mode Mismatch | |

Bidirectional**Table 3-3559 Bidirectional**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Config Type**Table 3-3560 Config Type**

| Name | Value |
|--------------------------|--|
| Description | Auto assigned during service discovery or creation based on configuration found. |
| Displayed name | Config Type |
| OSS name | svcPathConfigType |
| Read-only | yes |
| Tab Panel | General Service Path Config |
| Type | SvcPathConfigFlags |
| Enumerated types: | |
| Dual stage Mux | |
| Regen | |

Table 3-3560 Config Type (continued)

| Name | Value |
|--------------|-------|
| Single Fiber | |

Operational State

Table 3-3561 Operational State

| Name | Value |
|--------------------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionOperState |
| Enumerated types: | |
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

Path ID

Table 3-3562 Path ID

| Name | Value |
|-----------------------|-------------------------------|
| Default | yes:0 |
| Description | Unique id for the Connection. |
| Displayed name | Path ID |
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | connId |
| Read-only | no |

Table 3-3562 Path ID (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | LONG |

Path Mode**Table 3-3563 Path Mode**

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | The protection state of the connection. |
| Displayed name | Path Mode |
| Mandatory on creation | yes |
| OSS name | protectionState |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Port A**Table 3-3564 Port A**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes: |
| Description | Physical port pointer for A end. |
| Displayed name | Port A |
| Mandatory on creation | yes |
| OSS name | portAPointer |

Table 3-3564 Port A (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Port Z**Table 3-3565 Port Z**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes: |
| Description | Physical port pointer for Z end. |
| Displayed name | Port Z |
| Mandatory on creation | yes |
| OSS name | portZPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Service Component ID**Table 3-3566 Service Component ID**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The id of the transport service / trail to which this path is associated with. |
| Displayed name | Service Component ID |
| OSS name | svcComponentId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Service Path Mode
Table 3-3567 Service Path Mode

| Name | Value |
|--------------------------|---|
| Description | Mode of the service path - unprotected/working/protection |
| Displayed name | Service Path Mode |
| Mandatory on creation | yes |
| OSS name | serviceMode |
| Read-only | no |
| Tab Panel | General General |
| Type | TransportServiceMode |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Weight**Table 3-3568 Weight**

| Name | Value |
|-----------------------|--|
| Default | yes:0 |
| Description | Indicates number of hops in this service path. |
| Displayed name | Weight |
| Mandatory on creation | yes |
| OSS name | weight |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Optical Site parameters

Account Session ID

Table 3-3569 Account Session ID

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Account Session ID |
| OSS name | acctSessionId |
| Read-only | yes |
| Tab Panel | General Auto-Creation |
| Type | STRING |

Account Session ID (Control)

Table 3-3570 Account Session ID (Control)

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Account Session ID (Control) |
| OSS name | acctSessionIdCtrl |
| Read-only | yes |
| Tab Panel | General Auto-Creation |
| Type | STRING |

Administrative State

Table 3-3571 Administrative State

| Name | Value |
|----------------|---|
| Default | yes:serviceUp |
| Description | The administrative state of the service site. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | netw.AdministrativeState |

Creation Mode**Table 3-3572 Creation Mode**

| Name | Value |
|-----------------------|--|
| Default | yes:manual |
| Description | Indicates the protocol or mechanism which created this site. |
| Displayed name | Creation Mode |
| Mandatory on creation | yes |
| OSS name | creationOrigin |
| Read-only | no |
| Tab Panel | General Auto-Creation |
| Type | svt.L2RouteOriginType |

Customer ID**Table 3-3573 Customer ID**

| Name | Value |
|----------------|------------------|
| Default | yes:1 |
| Displayed name | Customer ID |
| OSS name | subscriberId |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | LONG |

Customer Name**Table 3-3574 Customer Name**

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 32 |
| OSS name | subscriberName |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | STRING |

Description
Table 3-3575 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Dynamic Service Policy**Table 3-3576 Dynamic Service Policy**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Identifies the Dynamic Service Policy used to create this service. |
| Displayed name | Dynamic Service Policy |
| OSS name | dynamicServicePolicyPointer |
| Read-only | yes |
| Tab Panel | General Auto-Creation |
| Type | POINTER |

From/To**Table 3-3577 From/To**

| Name | Value |
|----------------|--|
| Default | yes:from |
| Description | Indicates if the site is at A end or Z end of the service. |
| Displayed name | From/To |
| OSS name | sitePosition |
| Read-only | no |
| Tab Panel | General General |
| Type | SitePosition |

Table 3-3577 From/To (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| A End | |
| Add | |
| Broadcast | |
| Drop | |
| Drop and Continue | |
| Z End | |

Monitor Access Interface Operational State**Table 3-3578 Monitor Access Interface Operational State**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Monitor Access Interface Operational State |
| OSS name | monitorAccessInterfaceOper |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Name**Table 3-3579 Name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the Name of the Service Site. It cannot be set to only spaces. Setting to "", "N/A", or "n/a" after creation, will clear Site Name from the node and SAM GUI will display "N/A". |
| Displayed name | Name |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | displayedName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Number of SAPs

Table 3-3580 Number of SAPs

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The number of access interfaces directly connected to this site. |
| Displayed name | Number of SAPs |
| OSS name | numberOfAccessInterfaces |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Operational State

Table 3-3581 Operational State

| Name | Value |
|----------------|--|
| Default | yes:unknown |
| Description | The operational status of this service site. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General General |
| Type | netw.OperationalState |

Path Type

Table 3-3582 Path Type

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | Type of connection which is riding through the drop site. |
| Displayed name | Path Type |
| OSS name | protectionType |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionState |
| Enumerated types: | |

Table 3-3582 Path Type (continued)

| Name | Value |
|-------------|-------|
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Service ID**Table 3-3583 Service ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Service ID |
| OSS name | serviceId |
| Read-only | yes |
| Tab Panel | General Service |
| Type | LONG |

Service Name**Table 3-3584 Service Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Service Name |
| Maximum | 64 |
| OSS name | serviceName |
| Read-only | yes |
| Tab Panel | General Service |
| Type | STRING |

Site Name
Table 3-3585 Site Name

| Name | Value |
|----------------|---------------------------------|
| Description | Indicates the Name of the Site. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

State Cause**Table 3-3586 State Cause**

| Name | Value |
|----------------|--|
| Description | Specifies all the conditions that affect the operating status of this service. |
| Displayed name | State Cause |
| OSS name | operationalFlags |
| Read-only | yes |
| Tab Panel | General General |
| Type | SiteOperFlags |

SVC Mgr Service ID**Table 3-3587 SVC Mgr Service ID**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | SVC Mgr Service ID |
| OSS name | svcComponentId |
| Read-only | yes |
| Tab Panel | General Service |
| Type | LONG |

Switch Name
Table 3-3588 Switch Name

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | On 1830 PSS nodes, new cards like 11QPE24 supports E-LAN (VPLS) and later E-Line (VLL); other cards will follow. All of these cards support the SR-OS object model and behave similar to 7210 nodes. This object represents a service object on a given a site and card. This attribute is a pointer to the card model object. |
| Displayed name | Switch Name |
| Mandatory on creation | yes |
| OSS name | ethernetSwitchCardPointer |
| Read-only | no |
| Tab Panel | General Network Element |
| Type | POINTER |

System ID**Table 3-3589 System ID**

| Name | Value |
|-----------------------|-------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | System ID |
| Mandatory on creation | yes |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General Network Element |
| Type | INETADDR |

Optical Trail Path parameters

Additional Information

Table 3-3590 Additional Information

| Name | Value |
|--|--|
| Description | Indicates why operational state is down for this connection. |
| Displayed name | Additional Information |
| OSS name | stateCause |
| Read-only | yes |
| Tab Panel | General States |
| Type | OperationalFlags |
| Enumerated types: | |
| Cross Connect Down | |
| Missing Cross Connect | |
| Missing ODUk Connection | |
| Missing VTS Connection | |
| OCH Trail Name Mismatch | |
| Port (that is not part of CrossConnect) Down | |
| VTS Connection is Down | |
| Wave Key Mode Mismatch | |

Bidirectional

Table 3-3591 Bidirectional

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Operational State
Table 3-3592 Operational State

| Name | Value |
|--------------------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionOperState |
| Enumerated types: | |
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

Parent Trail**Table 3-3593 Parent Trail**

| Name | Value |
|----------------|---|
| Description | The FDN of the trail to which this trail path is associated with. |
| Displayed name | Parent Trail |
| OSS name | trailPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Path ID**Table 3-3594 Path ID**

| Name | Value |
|-------------|-------------------------------|
| Default | yes:0 |
| Description | Unique id for the Connection. |

Table 3-3594 Path ID (continued)

| Name | Value |
|-----------------------|-----------------|
| Displayed name | Path ID |
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | connId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Trail End Port A**Table 3-3595 Trail End Port A**

| Name | Value |
|-----------------------|---------------------------|
| Default | yes: |
| Description | Pointer to the A end Ctp. |
| Displayed name | Trail End Port A |
| Mandatory on creation | yes |
| OSS name | ctpAPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Trail End Port A**Table 3-3596 Trail End Port A**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes: |
| Description | Physical port pointer for A end. |
| Displayed name | Trail End Port A |
| Mandatory on creation | yes |
| OSS name | portAPointer |
| Read-only | no |
| Tab Panel | General General |

Table 3-3596 Trail End Port A (continued)

| Name | Value |
|------|---------|
| Type | POINTER |

Trail End Port Z**Table 3-3597 Trail End Port Z**

| Name | Value |
|-----------------------|---------------------------|
| Default | yes: |
| Description | Pointer to the Z end Ctp. |
| Displayed name | Trail End Port Z |
| Mandatory on creation | yes |
| OSS name | ctpZPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Trail End Port Z**Table 3-3598 Trail End Port Z**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes: |
| Description | Physical port pointer for Z end. |
| Displayed name | Trail End Port Z |
| Mandatory on creation | yes |
| OSS name | portZPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Trail Path Mode**Table 3-3599 Trail Path Mode**

| Name | Value |
|---------|----------|
| Default | yes:none |

Table 3-3599 Trail Path Mode (continued)

| Name | Value |
|--------------------------|---|
| Description | The protection state of the connection. |
| Displayed name | Trail Path Mode |
| Mandatory on creation | yes |
| OSS name | protectionState |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Optical Transport Service parameters

A to Z

Table 3-3600 A to Z

| Name | Value |
|--------------------------|---|
| Description | Indicates which service path is the active one in the AZ direction. |
| Displayed name | A to Z |
| OSS name | activePathAZ |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | TransportServiceMode |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |

Table 3-3600 A to Z (continued)

| Name | Value |
|-------------|-------|
| Protection | |
| Unprotected | |
| Working | |

Administrative State**Table 3-3601 Administrative State**

| Name | Value |
|----------------|---|
| Default | yes:up |
| Description | The administrative state of the service . |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | ServiceState |

Administrative State**Table 3-3602 Administrative State**

| Name | Value |
|----------------|---|
| Default | yes:up |
| Description | The administrative state of the service . |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | ServiceState |

Aggregated Service Site Operational State**Table 3-3603 Aggregated Service Site Operational State**

| Name | Value |
|---------|--------|
| Default | yes:up |

Table 3-3603 Aggregated Service Site Operational State (continued)

| Name | Value |
|----------------|--|
| Description | The operational status of this service site. |
| Displayed name | Aggregated Service Site Operational State |
| OSS name | aggrOperationalState |
| Read-only | yes |
| Tab Panel | General General |
| Type | AggrOperState |

APS Direction**Table 3-3604 APS Direction**

| Name | Value |
|--------------------------|--|
| Default | yes:unspecified |
| Description | Indicates the protection direction of the APS Group to be provisioned as part of the ESNCP-protected service |
| Displayed name | APS Direction |
| OSS name | apsDirection |
| Read-only | no |
| Tab Panel | General APS Group |
| Type | ApsDirection |
| Enumerated types: | |
| Bidirectional | |
| Unidirectional | |

APS Direction**Table 3-3605 APS Direction**

| Name | Value |
|----------------|---|
| Default | yes:unidirectional |
| Description | Duplicated from ApsGroup. Applicable only for y-cable protected service in creation mode. |
| Displayed name | APS Direction |
| OSS name | apsDirection |
| Read-only | no |
| Tab Panel | General YCable APS Group |

Table 3-3605 APS Direction (continued)

| Name | Value |
|--------------------------|--------------|
| Type | ApsDirection |
| Enumerated types: | |
| Bidirectional | |
| Unidirectional | |

Ason Domain**Table 3-3606 Ason Domain**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | Applies to the control plane segment only. |
| Displayed name | Ason Domain |
| Mandatory on creation | yes |
| OSS name | asonDomainPointer |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | POINTER |

CE-VLANID**Table 3-3607 CE-VLANID**

| Name | Value |
|----------------|---|
| Description | Represents the CE VLANID of the vts map |
| Displayed name | CE-VLANID |
| OSS name | vtsMapCEVLANID |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | STRING |

CE-VLANID - AZ**Table 3-3608 CE-VLANID - AZ**

| Name | Value |
|----------------|---|
| Description | Represents the ingress CE VLANID of the vts map |
| Displayed name | CE-VLANID - AZ |
| OSS name | vtsMapIngressCEVLANID |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | STRING |

CE-VLANID - ZA**Table 3-3609 CE-VLANID - ZA**

| Name | Value |
|----------------|--|
| Description | Represents the egress CE VLANID of the vts map |
| Displayed name | CE-VLANID - ZA |
| OSS name | vtsMapEgressCEVLANID |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | STRING |

Committed Burst Size - AZ (Kbytes)**Table 3-3610 Committed Burst Size - AZ (Kbytes)**

| Name | Value |
|--------------------------|---|
| Default | yes:256 |
| Description | Represents the minimum committed burst rate that the service supports on the AZ direction |
| Displayed name | Committed Burst Size - AZ (Kbytes) |
| OSS name | vtsCommittedBurstRate |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CbsAndEbsRate |
| Enumerated types: | |
| | 1024 |
| | 128 |

Table 3-3610 Committed Burst Size - AZ (Kbytes) (continued)

| Name | Value |
|-------|-------|
| 16 | |
| 16384 | |
| 2048 | |
| 256 | |
| 32 | |
| 4096 | |
| 512 | |
| 64 | |
| 8192 | |

Committed Burst Size - ZA (Kbytes)**Table 3-3611 Committed Burst Size - ZA (Kbytes)**

| Name | Value |
|--------------------------|---|
| Default | yes:256 |
| Description | Represents the minimum committed burst rate that the service supports on the ZA direction |
| Displayed name | Committed Burst Size - ZA (Kbytes) |
| OSS name | vtsCommittedBurstRateZA |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CbsAndEbsRate |
| Enumerated types: | |
| 1024 | |
| 128 | |
| 16 | |
| 16384 | |
| 2048 | |
| 256 | |
| 32 | |
| 4096 | |
| 512 | |
| 64 | |
| 8192 | |

Committed Info Rate - AZ (Mbps)
Table 3-3612 Committed Info Rate - AZ (Mbps)

| Name | Value |
|--------------------------|---|
| Default | yes:100 |
| Description | Represents the minimum committed information rate that the service supports on the AZ direction |
| Displayed name | Committed Info Rate - AZ (Mbps) |
| OSS name | vtsCommittedInfoRate |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CirAndEirRate |
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 1000 | |
| 10000 | |
| 15 | |
| 150 | |
| 1500 | |
| 2 | |
| 20 | |
| 200 | |
| 2000 | |
| 25 | |
| 250 | |
| 2500 | |
| 3 | |
| 30 | |
| 300 | |
| 3000 | |
| 35 | |
| 350 | |
| 3500 | |

Table 3-3612 Committed Info Rate - AZ (Mbps) (continued)

| Name | Value |
|------|-------|
| 4 | |
| 40 | |
| 400 | |
| 4000 | |
| 45 | |
| 450 | |
| 4500 | |
| 5 | |
| 50 | |
| 500 | |
| 5000 | |
| 55 | |
| 550 | |
| 5500 | |
| 6 | |
| 60 | |
| 600 | |
| 6000 | |
| 65 | |
| 650 | |
| 6500 | |
| 7 | |
| 70 | |
| 700 | |
| 7000 | |
| 75 | |
| 750 | |
| 7500 | |
| 8 | |
| 80 | |
| 800 | |
| 8000 | |
| 85 | |

Table 3-3612 Committed Info Rate - AZ (Mbps) (continued)

| Name | Value |
|------|-------|
| 850 | |
| 8500 | |
| 9 | |
| 90 | |
| 900 | |
| 9000 | |
| 95 | |
| 950 | |
| 9500 | |

Committed Info Rate - ZA (Mbps)**Table 3-3613 Committed Info Rate - ZA (Mbps)**

| Name | Value |
|--------------------------|---|
| Default | yes:100 |
| Description | Represents the minimum committed information rate that the service supports on the ZA direction |
| Displayed name | Committed Info Rate - ZA (Mbps) |
| OSS name | vtsCommittedInfoRateZA |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CirAndEirRate |
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 1000 | |
| 10000 | |
| 15 | |
| 150 | |
| 1500 | |
| 2 | |

Table 3-3613 Committed Info Rate - ZA (Mbps) (continued)

| Name | Value |
|------|-------|
| 20 | |
| 200 | |
| 2000 | |
| 25 | |
| 250 | |
| 2500 | |
| 3 | |
| 30 | |
| 300 | |
| 3000 | |
| 35 | |
| 350 | |
| 3500 | |
| 4 | |
| 40 | |
| 400 | |
| 4000 | |
| 45 | |
| 450 | |
| 4500 | |
| 5 | |
| 50 | |
| 500 | |
| 5000 | |
| 55 | |
| 550 | |
| 5500 | |
| 6 | |
| 60 | |
| 600 | |
| 6000 | |
| 65 | |
| 650 | |

Table 3-3613 Committed Info Rate - ZA (Mbps) (continued)

| Name | Value |
|------|-------|
| 6500 | |
| 7 | |
| 70 | |
| 700 | |
| 7000 | |
| 75 | |
| 750 | |
| 7500 | |
| 8 | |
| 80 | |
| 800 | |
| 8000 | |
| 85 | |
| 850 | |
| 8500 | |
| 9 | |
| 90 | |
| 900 | |
| 9000 | |
| 95 | |
| 950 | |
| 9500 | |

Composite ID**Table 3-3614 Composite ID**

| Name | Value |
|----------------|-----------------|
| Displayed name | Composite ID |
| OSS name | compositeSvcId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Composite Service**Table 3-3615 Composite Service**

| Name | Value |
|----------------|---------------------|
| Displayed name | Composite Service |
| OSS name | compositeSvcPointer |
| Read-only | yes |
| Tab Panel | General General |
| Type | POINTER |

Contains Dynamically Created Sites**Table 3-3616 Contains Dynamically Created Sites**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates whether this service contains sites created by a dynamic service policy. |
| Displayed name | Contains Dynamically Created Sites |
| OSS name | containsDynamicSites |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Customer**Table 3-3617 Customer**

| Name | Value |
|-----------------------|-------------------|
| Displayed name | Customer |
| Mandatory on creation | yes |
| OSS name | subscriberPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Customer ID
Table 3-3618 Customer ID

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Customer ID |
| OSS name | subscriberId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Customer Name**Table 3-3619 Customer Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 252 |
| OSS name | customerName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Description**Table 3-3620 Description**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Direction**Table 3-3621 Direction**

| Name | Value |
|--------------------------|--|
| Default | yes:bi |
| Description | Indicates if the service is Uni or Bi Directional. |
| Displayed name | Direction |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General General |
| Type | ServiceDirection |
| Enumerated types: | |
| | Bidirectional |
| | Unidirectional |

Enable Application Performance Reporting**Table 3-3622 Enable Application Performance Reporting**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | 5670 RAM property to enable Application Performance reporting. |
| Displayed name | Enable Application Performance Reporting |
| OSS name | enableAppPerfReporting |
| Read-only | no |
| Tab Panel | Application Assurance.5670 RAM Parameters.General General |
| Type | BOOL |

Force Create OCh XC**Table 3-3623 Force Create OCh XC**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates whether the OCh xc should be created by force when power commisioning provisioning state is "InProgress" |
| Displayed name | Force Create OCh XC |
| OSS name | forceXcCreate |

Table 3-3623 Force Create OCh XC (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Holding Priority**Table 3-3624 Holding Priority**

| Name | Value |
|----------------|---|
| Default | yes:5 |
| Description | Applies to the control plane segment only. Priority used in restoration (holding priority)? TODO: rename if it is the case |
| Displayed name | Holding Priority |
| Maximum | 5 |
| Minimum | 1 |
| OSS name | holdingPriority |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | INT |

Inconsistency**Table 3-3625 Inconsistency**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Description | Discrepancy. |
| Displayed name | Inconsistency |
| OSS name | discrepancy |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Inconsistent**Table 3-3626 Inconsistent**

| Name | Value |
|----------------|-------------------|
| Default | yes:false |
| Description | Discrepancy Flag. |
| Displayed name | Inconsistent |
| OSS name | discrepancyFlag |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Is SubGige Full Rate Service**Table 3-3627 Is SubGige Full Rate Service**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether the transport service is QinQ Service with Port Mode [Indicate if the service to be created is a Full Rate Service under subgige rate for QinQ mode] |
| Displayed name | Is SubGige Full Rate Service |
| OSS name | isQinQFullRateService |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | BOOL |

Is SubGige Service QinQ**Table 3-3628 Is SubGige Service QinQ**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicate if the service to be created is a qinq service under subgige rate |
| Displayed name | Is SubGige Service QinQ |
| OSS name | isQinQService |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | BOOL |

Is SVLAN Push-Pop/Keep Capable QinQ Service

Table 3-3629 Is SVLAN Push-Pop/Keep Capable QinQ Service

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Indicates if SVLAN ID Push Pop Keep feature is applicable for this SubGige QinQ Service |
| Displayed name | Is SVLAN Push-Pop/Keep Capable QinQ Service |
| OSS name | isApplicableSVLANPushPop |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | BOOL |

Is Untagged Traffic Supported

Table 3-3630 Is Untagged Traffic Supported

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | If Untagged Traffic Supported.Specifies whether the transport service is carrying untagged traffic. |
| Displayed name | Is Untagged Traffic Supported |
| OSS name | isUntaggedTrafficSupported |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | BOOL |

Link Group ID

Table 3-3631 Link Group ID

| Name | Value |
|----------------|------------------------------------|
| Default | yes:notApplicable |
| Description | > Specifies the port ISL group Id. |
| Displayed name | Link Group ID |
| OSS name | islGroupId |
| Read-only | no |
| Tab Panel | General General |
| Type | ISLGroupIdType |

Table 3-3631 Link Group ID (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| Not Applicable | |

Managed**Table 3-3632 Managed**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | If true, sites cannot be modified, only 'complete service' can be done. |
| Displayed name | Managed |
| OSS name | isServicePathCreated |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Modified for Throughput Test**Table 3-3633 Modified for Throughput Test**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Indicates whether this service is modified for the service throughput test. |
| Displayed name | Modified for Throughput Test |
| OSS name | mfThroughputTest |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Number Of IP Detail Addresses
Table 3-3634 Number Of IP Detail Addresses

| Name | Value |
|----------------|---|
| Default | yes:10 |
| Description | 5670 RAM property for the number of addresses that require IP Detail reporting. |
| Displayed name | Number Of IP Detail Addresses |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | ipDetailCount |
| Read-only | no |
| Tab Panel | Application Assurance.5670 RAM Parameters.General General |
| Type | INT |

Number Of Sites**Table 3-3635 Number Of Sites**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Number Of Sites |
| OSS name | numberOfSites |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Operational State**Table 3-3636 Operational State**

| Name | Value |
|----------------|--|
| Default | yes:portOutOfService |
| Description | Operational State is built depending on the OT port oper states and XC oper state of Working Path. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |

Table 3-3636 Operational State (continued)

| Name | Value |
|------|----------------------------|
| Type | equipment.OperationalState |

Path Preference

Table 3-3637 Path Preference

| Name | Value |
|-------------------------------------|---|
| Default | yes:working |
| Description | Indicates whether the working path or the protection path needs to be retained when Service protection is modified to unprotected |
| Displayed name | Path Preference |
| OSS name | modifyProtectionPreference |
| Read-only | no |
| Tab Panel | General General |
| Type | ModifyProtectionPreference |
| Enumerated types: | |
| None | |
| Retain Path A1Z1 | |
| Retain Path A1Z2 | |
| Retain Path A2Z1 | |
| Retain Path A2Z2 | |
| Retain Protection Path | |
| Retain Termination Points A1 and Z1 | |
| Retain Termination Points A1 and Z2 | |
| Retain Termination Points A2 and Z1 | |
| Retain Termination Points A2 and Z2 | |
| Retain Working Path | |

Path Search Option

Table 3-3638 Path Search Option

| Name | Value |
|-------------|---|
| Default | yes:system |
| Description | Specifies if routing path should be Auto-picked or User Defined. In case of User Defined, complete route needs to be defined by User via constraints. |

Table 3-3638 Path Search Option (continued)

| Name | Value |
|--------------------------|--------------------|
| Displayed name | Path Search Option |
| OSS name | pathSearchOption |
| Read-only | no |
| Tab Panel | General General |
| Type | PathSearchType |
| Enumerated types: | |
| GMRE Defined | |
| Interactive Mode | |
| System Defined | |
| User Defined | |

Peak Burst Size - AZ (Kbytes)**Table 3-3639 Peak Burst Size - AZ (Kbytes)**

| Name | Value |
|--------------------------|--|
| Default | yes:4096 |
| Description | Represents the minimum excess burst rate that the service supports on the AZ direction |
| Displayed name | Peak Burst Size - AZ (Kbytes) |
| OSS name | vtsExcessBurstRate |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CbsAndEbsRate |
| Enumerated types: | |
| 1024 | |
| 128 | |
| 16 | |
| 16384 | |
| 2048 | |
| 256 | |
| 32 | |
| 4096 | |
| 512 | |
| 64 | |

Table 3-3639 Peak Burst Size - AZ (Kbytes) (continued)

| Name | Value |
|------|-------|
| 8192 | |

Peak Burst Size - ZA (Kbytes)**Table 3-3640 Peak Burst Size - ZA (Kbytes)**

| Name | Value |
|--------------------------|--|
| Default | yes:4096 |
| Description | Represents the minimum excess burst rate that the service supports on the ZA direction |
| Displayed name | Peak Burst Size - ZA (Kbytes) |
| OSS name | vtsExcessBurstRateZA |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CbsAndEbsRate |
| Enumerated types: | |
| 1024 | |
| 128 | |
| 16 | |
| 16384 | |
| 2048 | |
| 256 | |
| 32 | |
| 4096 | |
| 512 | |
| 64 | |
| 8192 | |

Peak Info Rate - AZ (Mbps)**Table 3-3641 Peak Info Rate - AZ (Mbps)**

| Name | Value |
|-------------|--|
| Default | yes:100 |
| Description | Represents the minimum excess information rate that the service supports on the AZ direction |

Table 3-3641 Peak Info Rate - AZ (Mbps) (continued)

| Name | Value |
|--------------------------|------------------------------------|
| Displayed name | Peak Info Rate - AZ (Mbps) |
| OSS name | vtsExcessInfoRate |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CirAndEirRate |
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 1000 | |
| 10000 | |
| 15 | |
| 150 | |
| 1500 | |
| 2 | |
| 20 | |
| 200 | |
| 2000 | |
| 25 | |
| 250 | |
| 2500 | |
| 3 | |
| 30 | |
| 300 | |
| 3000 | |
| 35 | |
| 350 | |
| 3500 | |
| 4 | |
| 40 | |
| 400 | |
| 4000 | |

Table 3-3641 Peak Info Rate - AZ (Mbps) (continued)

| Name | Value |
|------|-------|
| 45 | |
| 450 | |
| 4500 | |
| 5 | |
| 50 | |
| 500 | |
| 5000 | |
| 55 | |
| 550 | |
| 5500 | |
| 6 | |
| 60 | |
| 600 | |
| 6000 | |
| 65 | |
| 650 | |
| 6500 | |
| 7 | |
| 70 | |
| 700 | |
| 7000 | |
| 75 | |
| 750 | |
| 7500 | |
| 8 | |
| 80 | |
| 800 | |
| 8000 | |
| 85 | |
| 850 | |
| 8500 | |
| 9 | |
| 90 | |

Table 3-3641 Peak Info Rate - AZ (Mbps) (continued)

| Name | Value |
|------|-------|
| 900 | |
| 9000 | |
| 95 | |
| 950 | |
| 9500 | |

Peak Info Rate - ZA (Mbps)**Table 3-3642 Peak Info Rate - ZA (Mbps)**

| Name | Value |
|--------------------------|--|
| Default | yes:100 |
| Description | Represents the minimum excess information rate that the service supports on the ZA direction |
| Displayed name | Peak Info Rate - ZA (Mbps) |
| OSS name | vtsExcessInfoRateZA |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | CirAndEirRate |
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 1000 | |
| 10000 | |
| 15 | |
| 150 | |
| 1500 | |
| 2 | |
| 20 | |
| 200 | |
| 2000 | |
| 25 | |

Table 3-3642 Peak Info Rate - ZA (Mbps) (continued)

| Name | Value |
|------|-------|
| 250 | |
| 2500 | |
| 3 | |
| 30 | |
| 300 | |
| 3000 | |
| 35 | |
| 350 | |
| 3500 | |
| 4 | |
| 40 | |
| 400 | |
| 4000 | |
| 45 | |
| 450 | |
| 4500 | |
| 5 | |
| 50 | |
| 500 | |
| 5000 | |
| 55 | |
| 550 | |
| 5500 | |
| 6 | |
| 60 | |
| 600 | |
| 6000 | |
| 65 | |
| 650 | |
| 6500 | |
| 7 | |
| 70 | |
| 700 | |

Table 3-3642 Peak Info Rate - ZA (Mbps) (continued)

| Name | Value |
|------|-------|
| 7000 | |
| 75 | |
| 750 | |
| 7500 | |
| 8 | |
| 80 | |
| 800 | |
| 8000 | |
| 85 | |
| 850 | |
| 8500 | |
| 9 | |
| 90 | |
| 900 | |
| 9000 | |
| 95 | |
| 950 | |
| 9500 | |

Plane Type**Table 3-3643 Plane Type**

| Name | Value |
|-----------------------|---|
| Default | yes:MP |
| Description | - Management plane, control plane or mixed. |
| Displayed name | Plane Type |
| Mandatory on creation | yes |
| OSS name | managementDomains |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.MgmtAccessDomains |

Protection Level
Table 3-3644 Protection Level

| Name | Value |
|--------------------------|--|
| Default | yes:unprotected |
| Description | The calculated protection based on the underlying server otn layers. |
| Displayed name | Protection Level |
| Mandatory on creation | yes |
| OSS name | protectionLevel |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionLevel |
| Enumerated types: | |
| Protected | |
| Segment Protected | |
| Unprotected | |

Protection Path Service**Table 3-3645 Protection Path Service**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | Needs to be set , while creating a diverse routed service, using two existing unprotected services. |
| Displayed name | Protection Path Service |
| Mandatory on creation | yes |
| OSS name | diverseProtectionService |
| Read-only | no |
| Tab Panel | General Diverse Route Details |
| Type | POINTER |

Protection Type**Table 3-3646 Protection Type**

| Name | Value |
|---------|-----------------|
| Default | yes:unprotected |

Table 3-3646 Protection Type (continued)

| Name | Value |
|--------------------------|--------------------------------|
| Description | Protection Type of the Service |
| Displayed name | Protection Type |
| OSS name | protection |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionType |
| Enumerated types: | |
| Client Protected | |
| Diverse Route | |
| ESNCP Protected | |
| OPS Protected | |
| Segment Protected | |
| Unprotected | |
| Y-Cable Protected | |

QinQ Service Stack-VLAN Tagging Configuration**Table 3-3647 QinQ Service Stack-VLAN Tagging Configuration**

| Name | Value |
|--------------------------|---|
| Default | yes:PushPop |
| Description | Indicates QinQ Service Stack-VLAN Tagging Configuration. Specifies the type of Stack-VLAN configuration : Push-Pop or Keep. |
| Displayed name | QinQ Service Stack-VLAN Tagging Configuration |
| OSS name | svlanTaggingConfiguration |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | SVLANTaggingConfiguration |
| Enumerated types: | |
| Keep | |
| Push-Pop | |

Rate

Table 3-3648 Rate

| Name | Value |
|--------------------------|--|
| Default | yes:unspecified |
| Description | Service Rate - Indicates the rate of the termination points. |
| Displayed name | Rate |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | AssignedRate |
| Enumerated types: | |
| 100GbE LAN | |
| 10GbE LAN | |
| 1GbE | |
| 3GSDI | |
| 40GbE LAN | |
| 40GbE MLD LAN | |
| BITS | |
| CBR10G | |
| CBR10G3 | |
| CBR2G5 | |
| DCN | |
| DDR | |
| Default | |
| DVBASI | |
| DVI 6000 | |
| E1 | |
| ESCON | |
| FC100 | |
| FC1200 | |
| FC1600 | |
| FC200 | |
| FC400 | |
| FC800 | |
| FDDI | |

Table 3-3648 Rate (continued)

| Name | Value |
|-------------------|-------|
| FE | |
| HDSDI | |
| N/A | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex-3GSDI | |
| ODUFlex-40GBE MLD | |
| ODUFlex-CBR | |
| ODUFlex-DDR | |
| ODUFlex-FC1200 | |
| ODUFlex-FC1600 | |
| ODUFlex-FC400 | |
| ODUFlex-FC800 | |
| ODUFlex-GFP | |
| OMS | |
| ONETRU | |
| OPTSG | |
| OS | |

Table 3-3648 Rate (continued)

| Name | Value |
|------------|-------|
| OTL4.4 | |
| OTS | |
| OTU1 | |
| OTU1f | |
| OTU2 | |
| OTU2e | |
| OTU3 | |
| OTU3e2 | |
| OTU4 | |
| OTU4x2 | |
| SDR | |
| SDSDI | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| SubGigE | |
| TOD | |
| Unassigned | |
| Unknown | |

Report Customer Name**Table 3-3649 Report Customer Name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Customer name to be used for 5670 RAM reports. |
| Displayed name | Report Customer Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | reportCustName |
| Read-only | no |

Table 3-3649 Report Customer Name (continued)

| Name | Value |
|-------------|---|
| Tab Panel | Application Assurance.5670 RAM Parameters.General General |
| Type | STRING |

Restoration Method**Table 3-3650 Restoration Method**

| Name | Value |
|-----------------------|---|
| Default | yes:unprotected |
| Description | Applies to the control plane segment only. - Permanent connections support unprotected and snep values. - Soft permanent connections support all values. - Switched connections support all values. See common behavior shell for supported restoration types (depends on connectionSetupType and protection type). |
| Displayed name | Restoration Method |
| Mandatory on creation | yes |
| OSS name | restorationMethod |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | gmpls.RestorationMethodType |

Reversion Mode**Table 3-3651 Reversion Mode**

| Name | Value |
|----------------|--|
| Default | yes>manual |
| Description | Applies to the control plane segment only. |
| Displayed name | Reversion Mode |
| OSS name | reversionType |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | gmpls.ReversionType |

Revert Mode**Table 3-3652 Revert Mode**

| Name | Value |
|--------------------------|---|
| Default | yes:unspecified |
| Description | Indicates whether revertive or non-revertive APS Group is to be provisioned as part of the ESNCP-protected service. |
| Displayed name | Revert Mode |
| OSS name | revertMode |
| Read-only | no |
| Tab Panel | General APS Group |
| Type | ApsRevertMode |
| Enumerated types: | |
| Non Revertive | |
| Revertive | |

Revert Mode**Table 3-3653 Revert Mode**

| Name | Value |
|--------------------------|--|
| Default | yes:nonrevertive |
| Description | Duplicated from ApsGroup. Applicable only for y-cable protected service in creation mode. Specifies the Reversion mode of the Transport Service. |
| Displayed name | Revert Mode |
| OSS name | revertMode |
| Read-only | no |
| Tab Panel | General YCable APS Group |
| Type | ApsRevertMode |
| Enumerated types: | |
| Non Revertive | |
| Revertive | |

Service Deployment Mode
Table 3-3654 Service Deployment Mode

| Name | Value |
|--------------------------|---|
| Default | yes:deploy |
| Description | Indicates if the TransportService is created in Preview (or) Deploy Mode. |
| Displayed name | Service Deployment Mode |
| OSS name | connectionMode |
| Read-only | no |
| Tab Panel | General General |
| Type | ConnectionMode |
| Enumerated types: | |
| Deploy | |
| Failed | |
| Preview | |
| Unknown | |

Service ID**Table 3-3655 Service ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Service ID |
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | serviceId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Service Name**Table 3-3656 Service Name**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-3656 Service Name (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Service Name |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Service Priority**Table 3-3657 Service Priority**

| Name | Value |
|----------------|------------------------------|
| Default | yes:low |
| Description | The priority of the service. |
| Displayed name | Service Priority |
| OSS name | svcPriority |
| Read-only | no |
| Tab Panel | General General |
| Type | security.PriorityType |

Service Tier**Table 3-3658 Service Tier**

| Name | Value |
|----------------|-----------------|
| Default | yes:1 |
| Displayed name | Service Tier |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | tier |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Service Type
Table 3-3659 Service Type

| Name | Value |
|----------------|-----------------|
| Displayed name | Service Type |
| OSS name | className |
| Read-only | no |
| Tab Panel | General General |

Setup Priority**Table 3-3660 Setup Priority**

| Name | Value |
|----------------|---|
| Default | yes:5 |
| Description | Applies to the control plane segment only. Setup priority determines whether this ODU connection might preempt existing connections during setup. |
| Displayed name | Setup Priority |
| Maximum | 5 |
| Minimum | 1 |
| OSS name | setupPriority |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | INT |

Stack-VLANID - AZ**Table 3-3661 Stack-VLANID - AZ**

| Name | Value |
|----------------|--|
| Default | yes:10 |
| Description | Represents the egress S VLANID of the vts map in qinq mode |
| Displayed name | Stack-VLANID - AZ |
| Maximum | 4095 |
| Minimum | 1 |
| OSS name | vtsMapEgressSVLANID |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |

Table 3-3661 Stack-VLANID - AZ (continued)

| Name | Value |
|------|-------|
| Type | LONG |

Stack-VLANID - ZA**Table 3-3662 Stack-VLANID - ZA**

| Name | Value |
|----------------|---|
| Default | yes:10 |
| Description | Represents the ingress S VLANID of the vts map in qinq mode |
| Displayed name | Stack-VLANID - ZA |
| Maximum | 4095 |
| Minimum | 1 |
| OSS name | vtsMapIngressSVLANID |
| Read-only | no |
| Tab Panel | General VLAN Configuration Details |
| Type | LONG |

State Cause**Table 3-3663 State Cause**

| Name | Value |
|----------------|--|
| Description | Specifies all the conditions that affect the operating status of this service. |
| Displayed name | State Cause |
| OSS name | operationalFlags |
| Read-only | yes |
| Tab Panel | General General |
| Type | OperFlags |

SVC Mgr Service ID**Table 3-3664 SVC Mgr Service ID**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | SVC Mgr Service ID |

Table 3-3664 SVC Mgr Service ID (continued)

| Name | Value |
|-----------------------|-----------------|
| Mandatory on creation | yes |
| Maximum | 1000000999999 |
| Minimum | 1 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Template**Table 3-3665 Template**

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | Template |
| Mandatory on creation | yes |
| OSS name | templatePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Test Suite Count**Table 3-3666 Test Suite Count**

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Test Suite Count |
| Minimum | 0 |
| OSS name | sasTestSuiteCount |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Use Existing Unprotected Services

Table 3-3667 Use Existing Unprotected Services

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Set to 'true', while creating a diverse routed service, using two existing unprotected services. |
| Displayed name | Use Existing Unprotected Services |
| OSS name | isCreateDiverseFromExisting |
| Read-only | no |
| Tab Panel | General Diverse Route Details |
| Type | BOOL |

Wait For Server Restoration

Table 3-3668 Wait For Server Restoration

| Name | Value |
|----------------|-----------------------------|
| Default | yes:true |
| Displayed name | Wait For Server Restoration |
| OSS name | waitForServerRestoration |
| Read-only | no |
| Tab Panel | General Control Plane |
| Type | BOOL |

Wait To Restore

Table 3-3669 Wait To Restore

| Name | Value |
|----------------|--|
| Default | yes:5 |
| Description | Duplicated from ApsGroup. Applicable only for y-cable protected service in creation/edit mode. |
| Displayed name | Wait To Restore |
| Maximum | 20 |
| Minimum | 1 |
| OSS name | waitToRestore |
| Read-only | no |
| Tab Panel | General YCable APS Group |

Table 3-3669 Wait To Restore (continued)

| Name | Value |
|-------|---------|
| Type | INT |
| Units | minutes |

Wave Key Assign Mode**Table 3-3670 Wave Key Assign Mode**

| Name | Value |
|--------------------------|--|
| Default | yes:auto |
| Description | Indicates the wavekey generation mode for the service. |
| Displayed name | Wave Key Assign Mode |
| OSS name | wavekeyAssignMode |
| Read-only | no |
| Tab Panel | General General |
| Type | WavekeySelect |
| Enumerated types: | |
| Auto Keying (NE) | |
| Auto Keying (NMS) | |
| Unkeyed | |

Working Path Service**Table 3-3671 Working Path Service**

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | Needs to be set , while creating a diverse routed service, using two existing unprotected services. |
| Displayed name | Working Path Service |
| Mandatory on creation | yes |
| OSS name | diverseWorkingService |
| Read-only | no |
| Tab Panel | General Diverse Route Details |
| Type | POINTER |

Z to A**Table 3-3672 Z to A**

| Name | Value |
|--------------------------|---|
| Description | Indicates which service path is the active one in the ZA direction. |
| Displayed name | Z to A |
| OSS name | activePathZA |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | TransportServiceMode |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

OpticalPortCtp parameters**Assigned Rate****Table 3-3673 Assigned Rate**

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Ctp ID**Table 3-3674 Ctp ID**

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Layer Type**Table 3-3675 Layer Type**

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.LayerType |

Name**Table 3-3676 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site ID**Table 3-3677 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-3678 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

OPTSG Cross Connect parameters

Bidirectional**Table 3-3679 Bidirectional**

| Name | Value |
|-----------------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| Mandatory on creation | yes |
| OSS name | biDirectional |

Table 3-3679 Bidirectional (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Destination**Table 3-3680 Destination**

| Name | Value |
|----------------|---|
| Description | Name of the endpoint Z, used for display. |
| Displayed name | Destination |
| OSS name | endpointZName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

ID**Table 3-3681 ID**

| Name | Value |
|-----------------------|-----------------------------------|
| Default | yes:0 |
| Description | SAM generated XC id used for FDN. |
| Displayed name | ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | xcId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Name

Table 3-3682 Name

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Can be deployed on NE for OCh cross-connect, or connection group. For OCH XC/XC group the max length is 80, so we keep this for OT XCs too. This is the OCHTrail name for OCH XCs or OCH XC groups. |
| Displayed name | Name |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | xcName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Protection State

Table 3-3683 Protection State

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | The protection state of the connection. |
| Displayed name | Protection State |
| Mandatory on creation | yes |
| OSS name | protectionState |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Rate
Table 3-3684 Rate

| Name | Value |
|--------------------------|------------------------------|
| Description | The Oduk cross connect Rate. |
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | odukXcRate |
| Read-only | no |
| Tab Panel | General General |
| Type | OdukXcRate |
| Enumerated types: | |
| Null | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUflex | |
| ODUflex-CBR | |
| ODUflex-GFP | |
| ODUflex_3GSDI | |
| ODUflex_FC400 | |
| ODUflex_SDR | |
| OPTSG | |

Site ID**Table 3-3685 Site ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0.0.0.0 |
| Description | Site ID. |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-3686 Site Name**

| Name | Value |
|----------------|-----------------|
| Description | Site name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Source**Table 3-3687 Source**

| Name | Value |
|----------------|---|
| Description | Name of the endpoint A, used for display. |
| Displayed name | Source |
| OSS name | endpointAName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

OPTSG parameters

Assigned Rate

Table 3-3688 Assigned Rate

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Client Signal Type

Table 3-3689 Client Signal Type

| Name | Value |
|--------------------------|-----------------------|
| Description | Client signal type. |
| Displayed name | Client Signal Type |
| Mandatory on creation | yes |
| OSS name | clientSignalType |
| Read-only | no |
| Tab Panel | General General |
| Type | OptsgClientSignalType |
| Enumerated types: | |
| | OC12 |
| | OC3 |
| | STM1 |
| | STM4 |

Ctp ID

Table 3-3690 Ctp ID

| Name | Value |
|-------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |

Table 3-3690 Ctp ID (continued)

| Name | Value |
|-----------------------|-----------------|
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Layer Type

Table 3-3691 Layer Type

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.LayerType |

Line Side LO-ODUK

Table 3-3692 Line Side LO-ODUK

| Name | Value |
|----------------|--|
| Description | Associated Line side LoOdukChannel object. |
| Displayed name | Line Side LO-ODUK |
| OSS name | associatedLinePortLoOduk |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Line Side Timeslots
Table 3-3693 Line Side Timeslots

| Name | Value |
|----------------|---------------------------------|
| Description | Associated Line side timeslots. |
| Displayed name | Line Side Timeslots |
| OSS name | associatedLinePortTimeslots |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Name**Table 3-3694 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

OPTSG Id**Table 3-3695 OPTSG Id**

| Name | Value |
|-----------------------|---------------------|
| Description | Id of OPTSG object. |
| Displayed name | OPTSG Id |
| Mandatory on creation | yes |
| OSS name | optsgId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Site ID**Table 3-3696 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-3697 Site Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-3698 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Transmitted Timeslots
Table 3-3699 Transmitted Timeslots

| Name | Value |
|----------------|--|
| Description | Comma separated list of transmitted timeslots. |
| Displayed name | Transmitted Timeslots |
| OSS name | txTimeslots |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

OSNR Channel parameters

Channel ID

Table 3-3700 Channel ID

| Name | Value |
|--------------------------|--------------------------|
| Description | SnmpPortId for the port. |
| Displayed name | Channel ID |
| Mandatory on creation | yes |
| OSS name | channelId |
| Read-only | no |
| Tab Panel | General General |
| Type | ITUChannel |
| Enumerated types: | |
| | 1310 |
| | 1471 |
| | 1490 |
| | 1491 |
| | 1511 |
| | 1530 |
| | 1531 |
| | 1550 |
| | 1551 |
| | 1571 |

Table 3-3700 Channel ID (continued)

| Name | Value |
|------|-------|
| 1591 | |
| 1611 | |
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |

Table 3-3700 Channel ID (continued)

| Name | Value |
|------|-------|
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |

Table 3-3700 Channel ID (continued)

| Name | Value |
|------|-------|
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |

Table 3-3700 Channel ID (continued)

| Name | Value |
|------|-------|
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |

Table 3-3700 Channel ID (continued)

| Name | Value |
|------|-------|
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |

Table 3-3700 Channel ID (continued)

| Name | Value |
|------|-------|
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

Channel Selected
Table 3-3701 Channel Selected

| Name | Value |
|----------------|-----------------------------------|
| Description | Selected for On-demand OSNR scan. |
| Displayed name | Channel Selected |
| OSS name | channelSelected |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

OSNR On Demand Scan parameters

OSNR Measurement Enabled**Table 3-3702 OSNR Measurement Enabled**

| Name | Value |
|----------------|--------------------------|
| Description | Turn OFF/ON OSNR scan. |
| Displayed name | OSNR Measurement Enabled |
| OSS name | osnrMeasurementEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

OSNR Scan Status**Table 3-3703 OSNR Scan Status**

| Name | Value |
|--------------------------|-----------------------------|
| Description | On-demand OSNR scan status. |
| Displayed name | OSNR Scan Status |
| OSS name | osnrScanStatus |
| Read-only | no |
| Tab Panel | General General |
| Type | OsnrScanStatus |
| Enumerated types: | |

Table 3-3703 OSNR Scan Status (continued)

| Name | Value |
|-----------------|-------|
| In Progress | |
| Not In Progress | |
| Waiting | |

Port Name**Table 3-3704 Port Name**

| Name | Value |
|----------------|-----------------|
| Description | The port name. |
| Displayed name | Port Name |
| OSS name | portName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-3705 Site Name**

| Name | Value |
|----------------|-----------------|
| Description | The site name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

OSPF Interface parameters

Administrative State

Table 3-3706 Administrative State

| Name | Value |
|----------------|----------------------|
| Default | yes:unspecified |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | AdministrativeState |

Advertise Subnet

Table 3-3707 Advertise Subnet

| Name | Value |
|----------------|-----------------------------|
| Default | yes:true |
| Displayed name | Advertise Subnet |
| OSS name | advertiseSubnet |
| Read-only | no |
| Tab Panel | Protocol Properties General |
| Type | BOOL |

Area ID

Table 3-3708 Area ID

| Name | Value |
|----------------|--------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Area ID |
| Maximum | 50 |
| OSS name | areaId |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | STRING |

Authentication Keychain

Table 3-3709 Authentication Keychain

| Name | Value |
|----------------|-------------------------|
| Default | yes: |
| Displayed name | Authentication Keychain |
| OSS name | authKeychain |
| Read-only | no |
| Tab Panel | Authentication General |
| Type | POINTER |

Authentication Type

Table 3-3710 Authentication Type

| Name | Value |
|--------------------------|------------------------|
| Default | yes:none |
| Displayed name | Authentication Type |
| OSS name | authenticationType |
| Read-only | no |
| Tab Panel | Authentication General |
| Type | AuthenticationType |
| Enumerated types: | |
| MD5-based Authentication | |
| No Authentication | |
| Simple Password | |

Backup Designated Router ID

Table 3-3711 Backup Designated Router ID

| Name | Value |
|----------------|-----------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Backup Designated Router ID |
| Maximum | 50 |
| OSS name | backupDesignatedRouterId |
| Read-only | yes |
| Tab Panel | General Designated Router |

Table 3-3711 Backup Designated Router ID (continued)

| Name | Value |
|------|--------|
| Type | STRING |

Backup Designated Router IP Address**Table 3-3712 Backup Designated Router IP Address**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Backup Designated Router IP Address |
| OSS name | backupDesignatedRouterAddress |
| Read-only | yes |
| Tab Panel | General Designated Router |
| Type | INETADDR |

BFD DRs-Only**Table 3-3713 BFD DRs-Only**

| Name | Value |
|----------------|--|
| Default | yes:allNbrs |
| Description | "Enables/Disables Drs Only option for a BFD interface" Applicable to AOS nodes |
| Displayed name | BFD DRs-Only |
| OSS name | bfdDRsOnly |
| Read-only | no |
| Tab Panel | Protocol Properties General |
| Type | INT |

BFD Enabled**Table 3-3714 BFD Enabled**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | specifies whether Bi-directional Forwarding Detection is enabled in this interface. When the value is 'true', this interface can establish BFD sessions and use BFD as a signalling mechanism. When it is 'false', it cannot use BFD. |
| Displayed name | BFD Enabled |

Table 3-3714 BFD Enabled (continued)

| Name | Value |
|-------------|-----------------------------|
| OSS name | bfdEnabled |
| Read-only | no |
| Tab Panel | Protocol Properties General |
| Type | BOOL |

Configured Interface/Port MTU**Table 3-3715 Configured Interface/Port MTU**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:1500 |
| Displayed name | Configured Interface/Port MTU |
| OSS name | provisionedMtu |
| Read-only | yes |
| Tab Panel | General Frame Size Constraints |
| Type | INT |
| Units | bytes |

Configured MTU**Table 3-3716 Configured MTU**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:0 |
| Displayed name | Configured MTU |
| Maximum | 9198 |
| Minimum | 0 |
| OSS name | mtu |
| Read-only | no |
| Tab Panel | General Frame Size Constraints |
| Type | INT |
| Units | bytes |

Description**Table 3-3717 Description**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Designated Router ID**Table 3-3718 Designated Router ID**

| Name | Value |
|----------------|---------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Designated Router ID |
| Maximum | 50 |
| OSS name | designatedRouterId |
| Read-only | yes |
| Tab Panel | General Designated Router |
| Type | STRING |

Designated Router IP Address**Table 3-3719 Designated Router IP Address**

| Name | Value |
|----------------|------------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Designated Router IP Address |
| OSS name | designatedRouterAddress |
| Read-only | yes |
| Tab Panel | General Designated Router |
| Type | INETADDR |

Enable Advertise Router Capability

Table 3-3720 Enable Advertise Router Capability

| Name | Value |
|----------------|--|
| Default | yes:true |
| Description | The value of ospfNgIfAdvRtrCapability specifies whether or not advertise-router-capabilities are enabled at interface level. |
| Displayed name | Enable Advertise Router Capability |
| OSS name | ospfNgIfAdvRtrCapability |
| Read-only | no |
| Tab Panel | Protocol Properties General |
| Type | BOOL |

Encapsulation Type

Table 3-3721 Encapsulation Type

| Name | Value |
|----------------|-------------------------|
| Default | yes:unspecified |
| Displayed name | Encapsulation Type |
| OSS name | encapType |
| Read-only | no |
| Tab Panel | General Interface |
| Type | equipment.PortEncapType |

Hello Interval

Table 3-3722 Hello Interval

| Name | Value |
|----------------|-------------------------------|
| Default | yes:10 |
| Displayed name | Hello Interval |
| Maximum | 65535 |
| Minimum | 1 |
| OSS name | helloInterval |
| Read-only | no |
| Tab Panel | Protocol Properties Intervals |
| Type | INT |

Table 3-3722 Hello Interval (continued)

| Name | Value |
|-------|---------|
| Units | seconds |

Inner Encapsulation Value**Table 3-3723 Inner Encapsulation Value**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | combined with terminatedPortOuterEncapValue to produce terminatedPortCombinedEncapValue |
| Displayed name | Inner Encapsulation Value |
| OSS name | terminatedPortInnerEncapValue |
| Read-only | yes |
| Tab Panel | General Interface |
| Type | INT |

Instance ID**Table 3-3724 Instance ID**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Identifies a specific instance of a version of the OSPF protocol running in the router instance specified by the routerId. |
| Displayed name | Instance ID |
| OSS name | instanceIndex |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | LONG |

Interface Class**Table 3-3725 Interface Class**

| Name | Value |
|----------------|-----------------|
| Default | yes:unspecified |
| Displayed name | Interface Class |

Table 3-3725 Interface Class (continued)

| Name | Value |
|-------------|-----------------------|
| OSS name | interfaceClass |
| Read-only | yes |
| Tab Panel | General Interface |
| Type | rtr.RtrInterfaceClass |

Interface ID**Table 3-3726 Interface ID**

| Name | Value |
|-----------------------|-------------------|
| Default | yes:0 |
| Displayed name | Interface ID |
| Mandatory on creation | yes |
| OSS name | interfaceId |
| Read-only | no |
| Tab Panel | General Interface |
| Type | INT |

Interface ID**Table 3-3727 Interface ID**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Interface ID |
| OSS name | terminatedObjectId |
| Read-only | yes |
| Tab Panel | General Interface |
| Type | LONG |

Interface Name**Table 3-3728 Interface Name**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-3728 Interface Name (continued)

| Name | Value |
|----------------|----------------------|
| Displayed name | Interface Name |
| Maximum | 252 |
| OSS name | terminatedObjectName |
| Read-only | yes |
| Tab Panel | General Interface |
| Type | STRING |

IPsec In Static Security Association**Table 3-3729 IPsec In Static Security Association**

| Name | Value |
|----------------|--------------------------------------|
| Default | yes: |
| Displayed name | IPsec In Static Security Association |
| OSS name | ospfIfInboundSASNamePointer |
| Read-only | no |
| Tab Panel | IPsec Static SA General |
| Type | POINTER |

IPsec Out Static Security Association**Table 3-3730 IPsec Out Static Security Association**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes: |
| Displayed name | IPsec Out Static Security Association |
| OSS name | ospfIfOutboundSASNamePointer |
| Read-only | no |
| Tab Panel | IPsec Static SA General |
| Type | POINTER |

IPsec Security Association Name

Table 3-3731 IPsec Security Association Name

| Name | Value |
|--------------------------|---------------------------------|
| Default | yes:none |
| Displayed name | IPsec Security Association Name |
| OSS name | ipsestaticSASName |
| Read-only | no |
| Tab Panel | IPsec Static SA General |
| Type | IPsecStaticSAAuthType |
| Enumerated types: | |
| | Bi-directional |
| | None |
| | Uni-directional |

LDP Synchronization State

Table 3-3732 LDP Synchronization State

| Name | Value |
|----------------|--|
| Description | Indicates if IGP-LDP synchronization is enabled on this interface. |
| Displayed name | LDP Synchronization State |
| OSS name | ldpSyncState |
| Read-only | yes |
| Tab Panel | Protocol Properties LDP Synchronization |
| Type | INT |

Loop-free Alternate Exclude

Table 3-3733 Loop-free Alternate Exclude

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | The value of loopfreeAlternateExclude specifies whether or not the OSPF interface should be excluded during LFA calculations. |
| Displayed name | Loop-free Alternate Exclude |
| OSS name | loopfreeAlternateExclude |
| Read-only | no |

Table 3-3733 Loop-free Alternate Exclude (continued)

| Name | Value |
|-------------|-----------------------------|
| Tab Panel | Protocol Properties General |
| Type | BOOL |

LSA Checksum Sum**Table 3-3734 LSA Checksum Sum**

| Name | Value |
|----------------|------------------------------|
| Default | yes:0 |
| Displayed name | LSA Checksum Sum |
| OSS name | lsaChecksumSum |
| Read-only | yes |
| Tab Panel | Protocol Properties Counters |
| Type | LONG |

LSA Count**Table 3-3735 LSA Count**

| Name | Value |
|----------------|------------------------------|
| Default | yes:0 |
| Displayed name | LSA Count |
| OSS name | lsaCount |
| Read-only | yes |
| Tab Panel | Protocol Properties Counters |
| Type | LONG |

LSA Filter Out**Table 3-3736 LSA Filter Out**

| Name | Value |
|----------------|---|
| Default | yes:none |
| Description | The value of ospfNgIfLsaFilterOut specifies whether or not flooded LSA's should be sent to any adjacent neighbor on the OSPF interface. |
| Displayed name | LSA Filter Out |

Table 3-3736 LSA Filter Out (continued)

| Name | Value |
|----------------------------|-----------------------------|
| OSS name | ospfNgIfLsaFilterOut |
| Read-only | no |
| Tab Panel | Protocol Properties General |
| Type | OspfLsaFilterOutTc |
| Enumerated types: | |
| All | |
| ExceptOwnRtrLsa | |
| ExceptOwnRtrLsaAndDefaults | |
| None | |

Metric**Table 3-3737 Metric**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | specifies the desired metric value assigned to this interface. The default value '0' causes the value of the metric to be calculated as (Reference Bandwidth / ifSpeed). |
| Displayed name | Metric |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | metric |
| Read-only | no |
| Tab Panel | Protocol Properties General |
| Type | INT |

Neighbor Count**Table 3-3738 Neighbor Count**

| Name | Value |
|----------------|----------------|
| Default | yes:0 |
| Displayed name | Neighbor Count |
| OSS name | neighborCount |
| Read-only | yes |

Table 3-3738 Neighbor Count (continued)

| Name | Value |
|-------------|------------------------------|
| Tab Panel | Protocol Properties Counters |
| Type | LONG |

Network Type**Table 3-3739 Network Type**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:transit |
| Displayed name | Network Type |
| OSS name | networkType |
| Read-only | yes |
| Tab Panel | Protocol Properties General |
| Type | INT |

Operational Interface/Port MTU**Table 3-3740 Operational Interface/Port MTU**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:1500 |
| Displayed name | Operational Interface/Port MTU |
| OSS name | actualMtu |
| Read-only | yes |
| Tab Panel | General Frame Size Constraints |
| Type | INT |
| Units | bytes |

Operational Metric**Table 3-3741 Operational Metric**

| Name | Value |
|-------------|--|
| Default | yes:0 |
| Description | The value indicates the metric value this interface is using. The default value of the Metric is (Reference Bandwidth / ifSpeed). The value of the reference bandwidth is configured by the tmnxOspfReferenceBandwidth object (ifBaseRefCost on the Site). |

Table 3-3741 Operational Metric (continued)

| Name | Value |
|----------------|-----------------------------|
| Displayed name | Operational Metric |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | operMetric |
| Read-only | yes |
| Tab Panel | Protocol Properties General |
| Type | INT |

Operational MTU**Table 3-3742 Operational MTU**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:0 |
| Displayed name | Operational MTU |
| OSS name | operationalMtu |
| Read-only | yes |
| Tab Panel | General Frame Size Constraints |
| Type | INT |
| Units | bytes |

Operational State**Table 3-3743 Operational State**

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General States |
| Type | OperationalState |

Outer Encapsulation Value
Table 3-3744 Outer Encapsulation Value

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | combined with terminatedPortInnerEncapValue to produce terminatedPortCombinedEncapValue |
| Displayed name | Outer Encapsulation Value |
| OSS name | terminatedPortOuterEncapValue |
| Read-only | yes |
| Tab Panel | General Interface |
| Type | INT |

Passive**Table 3-3745 Passive**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:false |
| Displayed name | Passive |
| OSS name | isPassive |
| Read-only | no |
| Tab Panel | Protocol Properties General |
| Type | BOOL |

Password**Table 3-3746 Password**

| Name | Value |
|----------------|------------------------|
| Default | yes: |
| Displayed name | Password |
| Maximum | 8 |
| Minimum | 0 |
| OSS name | authenticationKey |
| Read-only | no |
| Tab Panel | Authentication General |
| Type | STRING |

Poll Interval**Table 3-3747 Poll Interval**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:120 |
| Displayed name | Poll Interval |
| Maximum | 2147483647 |
| Minimum | 0 |
| OSS name | pollInterval |
| Read-only | no |
| Tab Panel | Protocol Properties Intervals |
| Type | INT |
| Units | seconds |

Port**Table 3-3748 Port**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Port |
| Maximum | 252 |
| OSS name | portName |
| Read-only | yes |
| Tab Panel | General Interface |
| Type | STRING |

Priority**Table 3-3749 Priority**

| Name | Value |
|----------------|----------|
| Default | yes:1 |
| Displayed name | Priority |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | priority |
| Read-only | no |

Table 3-3749 Priority (continued)

| Name | Value |
|-------------|-----------------------------|
| Tab Panel | Protocol Properties General |
| Type | INT |

Protocol**Table 3-3750 Protocol**

| Name | Value |
|----------------|-----------------|
| Default | yes:unknown |
| Displayed name | Protocol |
| OSS name | application |
| Read-only | yes |
| Tab Panel | General General |
| Type | ApplicationType |

Retransmission Interval**Table 3-3751 Retransmission Interval**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:5 |
| Displayed name | Retransmission Interval |
| Maximum | 1800 |
| Minimum | 1 |
| OSS name | retransmissionInterval |
| Read-only | no |
| Tab Panel | Protocol Properties Intervals |
| Type | INT |
| Units | seconds |

Route Next-Hop Policy**Table 3-3752 Route Next-Hop Policy**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-3752 Route Next-Hop Policy (continued)

| Name | Value |
|----------------|---|
| Description | The value specifies the next-hop template that must be applied to the prefixes which primary next-hop uses this interface name. |
| Displayed name | Route Next-Hop Policy |
| OSS name | routeNextHopPointer |
| Read-only | no |
| Tab Panel | Policies LFA - Route Next-Hop Policy Template |
| Type | POINTER |

Router Dead Interval**Table 3-3753 Router Dead Interval**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:40 |
| Displayed name | Router Dead Interval |
| Maximum | 2147483647 |
| Minimum | 0 |
| OSS name | routerDeadInterval |
| Read-only | no |
| Tab Panel | Protocol Properties Intervals |
| Type | INT |
| Units | seconds |

Routing Instance ID**Table 3-3754 Routing Instance ID**

| Name | Value |
|----------------|--------------------------|
| Default | yes:1 |
| Displayed name | Routing Instance ID |
| Maximum | 10240 |
| Minimum | 1 |
| OSS name | routerId |
| Read-only | yes |
| Tab Panel | General Routing Instance |

Table 3-3754 Routing Instance ID (continued)

| Name | Value |
|------|-------|
| Type | INT |

Routing Instance Name**Table 3-3755 Routing Instance Name**

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Routing Instance Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | routerName |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | STRING |

Site ID**Table 3-3756 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-3757 Site Name**

| Name | Value |
|----------------|-----------|
| Default | yes: |
| Displayed name | Site Name |

Table 3-3757 Site Name (continued)

| Name | Value |
|-------------|--------------|
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

State Qualifier

Table 3-3758 State Qualifier

| Name | Value |
|----------------|---|
| Default | yes:OK |
| Description | This value is derived from underlyingResourceState and/or resourceState attributes. If the underlyingResourceState is not 'OK' and is not 'unspecified' the value of compositeState will be set to the same value as underlyingResourceState. Otherwise the value of compositeState will be set to the same value as resourceState. |
| Displayed name | State Qualifier |
| OSS name | compositeState |
| Read-only | yes |
| Tab Panel | General States |
| Type | ResourceCompositeState |

TE Metric

Table 3-3759 TE Metric

| Name | Value |
|----------------|---|
| Description | Indicates the MPLS TE metric configured for this interface. |
| Displayed name | TE Metric |
| Maximum | 16777215 |
| Minimum | 0 |
| OSS name | teMetric |
| Read-only | yes |
| Tab Panel | Protocol Properties General |
| Type | LONG |

Transit Delay**Table 3-3760 Transit Delay**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:1 |
| Displayed name | Transit Delay |
| Maximum | 1800 |
| Minimum | 1 |
| OSS name | transitDelay |
| Read-only | no |
| Tab Panel | Protocol Properties Intervals |
| Type | INT |
| Units | seconds |

Type**Table 3-3761 Type**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:broadcast |
| Displayed name | Type |
| OSS name | interfaceType |
| Read-only | no |
| Tab Panel | Protocol Properties General |
| Type | RouterTerminatingInterfaceType |

Version**Table 3-3762 Version**

| Name | Value |
|----------------|--------------------------|
| Default | yes:2 |
| Displayed name | Version |
| OSS name | version |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | INT |

OSPF Site parameters

Administrative State

Table 3-3763 Administrative State

| Name | Value |
|----------------|----------------------|
| Default | yes:unknown |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General State |
| Type | AdministrativeState |

Advertise Router Capabilities

Table 3-3764 Advertise Router Capabilities

| Name | Value |
|--------------------------|---|
| Default | yes:disable |
| Description | The value of ospfAdvRtrCapability specifies the OSPF advertise router capabilities. |
| Displayed name | Advertise Router Capabilities |
| OSS name | ospfAdvRtrCapability |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | OspfAdvRtrCapabTypes |
| Enumerated types: | |
| Area | |
| As | |
| Disable | |
| Link | |

Advertise Tunnel Links Enabled

Table 3-3765 Advertise Tunnel Links Enabled

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-3765 Advertise Tunnel Links Enabled (continued)

| Name | Value |
|----------------|--|
| Description | The value of <code>tmnxOspfAdvertiseTunnelLink</code> indicates whether advertisement of LSP shortcuts into IGP has been enabled or disabled for OSPF. When the value of <code>tmnxOspfAdvertiseTunnelLink</code> is set to true LSP shortcut advertisement into IGP is enabled and when <code>tmnxOspfAdvertiseTunnelLink</code> is set to false LSP shortcut advertisement into IGP is disabled. |
| Displayed name | Advertise Tunnel Links Enabled |
| OSS name | <code>advertiseTunnelLink</code> |
| Read-only | no |
| Tab Panel | Behavior OSPFv2 |
| Type | BOOL |

Area Border Router**Table 3-3766 Area Border Router**

| Name | Value |
|----------------|---------------------------------|
| Default | yes:false |
| Displayed name | Area Border Router |
| OSS name | <code>isAreaBorderRouter</code> |
| Read-only | yes |
| Tab Panel | General Type |
| Type | BOOL |

AS-Scope Checksum Sum**Table 3-3767 AS-Scope Checksum Sum**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:0 |
| Displayed name | AS-Scope Checksum Sum |
| OSS name | <code>asScopeLsaChecksumSum</code> |
| Read-only | yes |
| Tab Panel | Behavior Link State Advertisements |
| Type | LONG |

AS-Scope Count
Table 3-3768 AS-Scope Count

| Name | Value |
|----------------|------------------------------------|
| Default | yes:0 |
| Displayed name | AS-Scope Count |
| OSS name | asScopeLsaCount |
| Read-only | yes |
| Tab Panel | Behavior Link State Advertisements |
| Type | LONG |

Autonomous System Border Router**Table 3-3769 Autonomous System Border Router**

| Name | Value |
|----------------|---------------------------------|
| Default | yes:false |
| Displayed name | Autonomous System Border Router |
| OSS name | isAutonomousSystemBorderRouter |
| Read-only | no |
| Tab Panel | General Type |
| Type | BOOL |

Average Run Time**Table 3-3770 Average Run Time**

| Name | Value |
|----------------|---------------------|
| Default | yes:0 |
| Displayed name | Average Run Time |
| Maximum | 2147483647 |
| Minimum | 0 |
| OSS name | averageSpfRunTime |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | INT |
| Units | 1/100 s |

Backbone Router**Table 3-3771 Backbone Router**

| Name | Value |
|----------------|------------------|
| Default | yes:false |
| Displayed name | Backbone Router |
| OSS name | isBackBoneRouter |
| Read-only | yes |
| Tab Panel | General Type |
| Type | BOOL |

Boot Overload Enabled**Table 3-3772 Boot Overload Enabled**

| Name | Value |
|----------------|---------------------------------|
| Default | yes:disabled |
| Displayed name | Boot Overload Enabled |
| OSS name | bootOverloadAdministrativeState |
| Read-only | no |
| Tab Panel | Overload General |
| Type | INT |

Boot Overload Interval**Table 3-3773 Boot Overload Interval**

| Name | Value |
|----------------|------------------------|
| Default | yes:0 |
| Displayed name | Boot Overload Interval |
| Maximum | 1800 |
| Minimum | 0 |
| OSS name | bootOverloadInterval |
| Read-only | no |
| Tab Panel | Overload General |
| Type | INT |
| Units | seconds |

Domain ID
Table 3-3774 Domain ID

| Name | Value |
|----------------|---|
| Default | yes:-1 |
| Description | specifies the domain-id associated with this instance of OSPF on the router. If no value is specified for tmnxOspfAsbrDomainId, it is set to -1 |
| Displayed name | Domain ID |
| Maximum | 31 |
| Minimum | -1 |
| OSS name | domainId |
| Read-only | no |
| Tab Panel | General Autonomous System Border Router |
| Type | INT |

Enable LDP Synchronization**Table 3-3775 Enable LDP Synchronization**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | specifies whether the IGP-LDP synchronization feature is enabled or disabled on all interfaces participating in the OSPF routing protocol |
| Displayed name | Enable LDP Synchronization |
| OSS name | enableLdpSync |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | BOOL |

Exit Overflow Interval**Table 3-3776 Exit Overflow Interval**

| Name | Value |
|----------------|------------------------|
| Default | yes:0 |
| Displayed name | Exit Overflow Interval |
| Maximum | 2147483647 |
| Minimum | 0 |

Table 3-3776 Exit Overflow Interval (continued)

| Name | Value |
|-------------|---------------------------|
| OSS name | exitOverflowInterval |
| Read-only | no |
| Tab Panel | Behavior Overflow Control |
| Type | INT |

Export Limit**Table 3-3777 Export Limit**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The value of <code>tmnxOspfExportLimit</code> specifies the maximum number of routes or prefixes that can be exported into OSPF or OSPF3 from the route table. A value of 0 indicates that the export limit for routes or prefixes has been disabled. |
| Displayed name | Export Limit |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | exportLimit |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | LONG |

Export Limit Log Percent**Table 3-3778 Export Limit Log Percent**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The value of <code>tmnxOspfExportLimitLogPercent</code> specifies the percentage of the export-limit, at which a warning log message and SNMP notification would be sent. This would only be a warning and additional routes will be learned up to 100% of <code>tmnxOspfExportLimit</code> . A value of 0 indicates that <code>tmnxOspfExportLimitLogPercent</code> is disabled and no log message or SNMP notification would be sent. |
| Displayed name | Export Limit Log Percent |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | exportLimitLogPercent |

Table 3-3778 Export Limit Log Percent (continued)

| Name | Value |
|-------------|------------------|
| Read-only | no |
| Tab Panel | Behavior General |
| Type | INT |

External**Table 3-3779 External**

| Name | Value |
|----------------|----------------------------|
| Default | yes:150 |
| Displayed name | External |
| Maximum | 255 |
| Minimum | 1 |
| OSS name | externalPreference |
| Read-only | no |
| Tab Panel | Behavior Route Preferences |
| Type | INT |

External (LS Type 5) Checksum Sum**Table 3-3780 External (LS Type 5) Checksum Sum**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:0 |
| Displayed name | External (LS Type 5) Checksum Sum |
| OSS name | externalLsaChecksumSum |
| Read-only | yes |
| Tab Panel | Behavior Link State Advertisements |
| Type | LONG |

External (LS Type 5) Count**Table 3-3781 External (LS Type 5) Count**

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 3-3781 External (LS Type 5) Count (continued)

| Name | Value |
|----------------|------------------------------------|
| Displayed name | External (LS Type 5) Count |
| OSS name | externalLsaCount |
| Read-only | yes |
| Tab Panel | Behavior Link State Advertisements |
| Type | LONG |

External LSA Limit**Table 3-3782 External LSA Limit**

| Name | Value |
|----------------|---------------------------|
| Default | yes:-1 |
| Displayed name | External LSA Limit |
| Maximum | 2147483647 |
| Minimum | -1 |
| OSS name | externalLsdbLimit |
| Read-only | no |
| Tab Panel | Behavior Overflow Control |
| Type | INT |

Graceful Restart**Table 3-3783 Graceful Restart**

| Name | Value |
|----------------|--------------------------|
| Default | yes:false |
| Displayed name | Graceful Restart |
| OSS name | gracefulRestart |
| Read-only | no |
| Tab Panel | Graceful Restart General |
| Type | generic.TruthValue |

Helper Mode

Table 3-3784 Helper Mode

| Name | Value |
|----------------|--------------------------|
| Default | yes:false |
| Displayed name | Helper Mode |
| OSS name | grHelperMode |
| Read-only | no |
| Tab Panel | Graceful Restart General |
| Type | generic.TruthValue |

Ignore DN Bit

Table 3-3785 Ignore DN Bit

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether to ignore the DN bit for OSPF LSA packets for this instance of OSPF on the router. When ignoreDNBit has a value of 'true' the DN bit for OSPF LSA packets will be ignored. When it has a value of 'false' the DN bit will not be ignored for OSPF LSA packets." |
| Displayed name | Ignore DN Bit |
| OSS name | ignoreDNBit |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | BOOL |

Incremental External Run Count

Table 3-3786 Incremental External Run Count

| Name | Value |
|----------------|--------------------------------|
| Default | yes:0 |
| Displayed name | Incremental External Run Count |
| OSS name | incrementalExternalSpfRunCount |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | LONG |

Incremental Internal Run Count
Table 3-3787 Incremental Internal Run Count

| Name | Value |
|----------------|--------------------------------|
| Default | yes:0 |
| Displayed name | Incremental Internal Run Count |
| OSS name | incrementalInternalSpfRunCount |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | LONG |

Incremental SPF Wait**Table 3-3788 Incremental SPF Wait**

| Name | Value |
|----------------|--|
| Default | yes:1000 |
| Description | The value of incrSpfWait defines the internal OSPF delay before an incremental SPF calculation is performed. |
| Displayed name | Incremental SPF Wait |
| Maximum | 1000 |
| Minimum | 0 |
| OSS name | incrSpfWait |
| Read-only | no |
| Tab Panel | Dijkstra Configuration |
| Type | INT |
| Units | milliseconds |

Initial Wait**Table 3-3789 Initial Wait**

| Name | Value |
|----------------|------------------------|
| Default | yes:5000 |
| Displayed name | Initial Wait |
| Maximum | 600000 |
| Minimum | 10 |
| OSS name | lsaGenerateInitialWait |

Table 3-3789 Initial Wait (continued)

| Name | Value |
|-------------|------------------------|
| Read-only | no |
| Tab Panel | Dijkstra Configuration |
| Type | INT |
| Units | milliseconds |

Initial Wait**Table 3-3790 Initial Wait**

| Name | Value |
|----------------|------------------------|
| Default | yes:1000 |
| Displayed name | Initial Wait |
| Maximum | 100000 |
| Minimum | 10 |
| OSS name | spfInitialWait |
| Read-only | no |
| Tab Panel | Dijkstra Configuration |
| Type | INT |
| Units | milliseconds |

Instance ID**Table 3-3791 Instance ID**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Identifies a specific instance of a version of the OSPF protocol running in the router instance specified by the routerId. |
| Displayed name | Instance ID |
| Maximum | 95 |
| Minimum | 0 |
| OSS name | instanceIndex |
| Read-only | no |
| Tab Panel | General OSPF Instance |
| Type | LONG |

Interface Base Reference Cost
Table 3-3792 Interface Base Reference Cost

| Name | Value |
|----------------|--|
| Default | yes:100000000 |
| Displayed name | Interface Base Reference Cost |
| Maximum | 100000000 |
| Minimum | 1 |
| OSS name | ifBaseRefCost |
| Read-only | no |
| Tab Panel | Behavior Interface Base Reference Cost |
| Type | LONG |
| Units | Kb/s |

Internal**Table 3-3793 Internal**

| Name | Value |
|----------------|----------------------------|
| Default | yes:10 |
| Displayed name | Internal |
| Maximum | 255 |
| Minimum | 1 |
| OSS name | internalPreference |
| Read-only | no |
| Tab Panel | Behavior Route Preferences |
| Type | INT |

Last Overload Entered Code**Table 3-3794 Last Overload Entered Code**

| Name | Value |
|----------------|----------------------------|
| Default | yes:none |
| Displayed name | Last Overload Entered Code |
| OSS name | overloadLastEnterCode |
| Read-only | yes |
| Tab Panel | Overload General |

Table 3-3794 Last Overload Entered Code (continued)

| Name | Value |
|------|-------|
| Type | INT |

Last Overload Entered Time**Table 3-3795 Last Overload Entered Time**

| Name | Value |
|----------------|----------------------------|
| Default | yes:0 |
| Displayed name | Last Overload Entered Time |
| OSS name | overloadLastEnteredTime |
| Read-only | yes |
| Tab Panel | Overload General |
| Type | DATE |

Last Overload Exit Code**Table 3-3796 Last Overload Exit Code**

| Name | Value |
|----------------|-------------------------|
| Default | yes:none |
| Displayed name | Last Overload Exit Code |
| OSS name | overloadLastExitCode |
| Read-only | yes |
| Tab Panel | Overload General |
| Type | INT |

Last Overload Exit Time**Table 3-3797 Last Overload Exit Time**

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | Last Overload Exit Time |
| OSS name | overloadLastExitTime |
| Read-only | yes |
| Tab Panel | Overload General |

Table 3-3797 Last Overload Exit Time (continued)

| Name | Value |
|------|-------|
| Type | DATE |

Last Time Enabled**Table 3-3798 Last Time Enabled**

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Last Time Enabled |
| OSS name | lastEnabledTime |
| Read-only | yes |
| Tab Panel | General State |
| Type | DATE |

Last Time Full SPF LFA Ran**Table 3-3799 Last Time Full SPF LFA Ran**

| Name | Value |
|----------------|--|
| Description | The value of lastLfaRunTime indicates the time at which the system last performed a LFA SPF run. |
| Displayed name | Last Time Full SPF LFA Ran |
| OSS name | lastLfaRunTime |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | DATE |

Last Time Full SPF Ran**Table 3-3800 Last Time Full SPF Ran**

| Name | Value |
|----------------|------------------------|
| Default | yes:0 |
| Displayed name | Last Time Full SPF Ran |
| OSS name | lastFullSpfRunTime |
| Read-only | yes |

Table 3-3800 Last Time Full SPF Ran (continued)

| Name | Value |
|-------------|---------------------|
| Tab Panel | Dijkstra Statistics |
| Type | DATE |

Last Time Ran**Table 3-3801 Last Time Ran**

| Name | Value |
|----------------|------------------------|
| Default | yes:0 |
| Displayed name | Last Time Ran |
| OSS name | lastExternalSpfRunTime |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | DATE |

LDP Over RSVP Include**Table 3-3802 LDP Over RSVP Include**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value of <code>tmnxOspfLdpOverRsvp</code> specifies whether LDP-over-RSVP feature is enabled or disabled for a specific OSPF instance. When enabled, OSPF will select the endpoint that is closest to the destination for further selection of LDP-over-RSVP tunnels to that endpoint. |
| Displayed name | LDP Over RSVP Include |
| OSS name | ldpOverRsvp |
| Read-only | no |
| Tab Panel | Behavior OSPFv2 |
| Type | BOOL |

Loop-free Alternate**Table 3-3803 Loop-free Alternate**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-3803 Loop-free Alternate (continued)

| Name | Value |
|----------------|---|
| Description | The value of loopfreeAlternate specifies whether to enable or disable IP fast re-route capability for OSPF. |
| Displayed name | Loop-free Alternate |
| OSS name | loopfreeAlternate |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | BOOL |

LSA Accumulate**Table 3-3804 LSA Accumulate**

| Name | Value |
|----------------|---|
| Default | yes:1000 |
| Description | The value of lsaAccumulate defines the accumulation delay for multiple LSA's. |
| Displayed name | LSA Accumulate |
| Maximum | 1000 |
| Minimum | 0 |
| OSS name | lsaAccumulate |
| Read-only | no |
| Tab Panel | Dijkstra Configuration |
| Type | INT |
| Units | milliseconds |

LSA Arrival Wait**Table 3-3805 LSA Arrival Wait**

| Name | Value |
|----------------|------------------|
| Default | yes:1000 |
| Displayed name | LSA Arrival Wait |
| Maximum | 600000 |
| Minimum | 0 |
| OSS name | lsaArrivalWait |
| Read-only | no |

Table 3-3805 LSA Arrival Wait (continued)

| Name | Value |
|-------------|------------------------|
| Tab Panel | Dijkstra Configuration |
| Type | INT |
| Units | milliseconds |

LSA Generate Max Wait**Table 3-3806 LSA Generate Max Wait**

| Name | Value |
|----------------|------------------------|
| Default | yes:5000 |
| Displayed name | LSA Generate Max Wait |
| Maximum | 600000 |
| Minimum | 10 |
| OSS name | lsaGenerateMaxWait |
| Read-only | no |
| Tab Panel | Dijkstra Configuration |
| Type | INT |
| Units | milliseconds |

LSDB Overflow State**Table 3-3807 LSDB Overflow State**

| Name | Value |
|----------------|---------------------------|
| Default | yes:false |
| Displayed name | LSDB Overflow State |
| OSS name | isInOverflowState |
| Read-only | yes |
| Tab Panel | Behavior Overflow Control |
| Type | BOOL |

Maximum Run Time**Table 3-3808 Maximum Run Time**

| Name | Value |
|----------------|---------------------|
| Default | yes:0 |
| Displayed name | Maximum Run Time |
| Maximum | 2147483647 |
| Minimum | 0 |
| OSS name | maximumSpfRunTime |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | INT |
| Units | 1/100 s |

Minimum Run Time**Table 3-3809 Minimum Run Time**

| Name | Value |
|----------------|---------------------|
| Default | yes:0 |
| Displayed name | Minimum Run Time |
| Maximum | 2147483647 |
| Minimum | 0 |
| OSS name | minimumSpfRunTime |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | INT |
| Units | 1/100 s |

Most Recent Full SPF Run Time**Table 3-3810 Most Recent Full SPF Run Time**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:0 |
| Displayed name | Most Recent Full SPF Run Time |
| Maximum | 2147483647 |
| Minimum | 0 |

Table 3-3810 Most Recent Full SPF Run Time (continued)

| Name | Value |
|-------------|--------------------------|
| OSS name | mostRecentFullSpfRunTime |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | INT |
| Units | 1/100 s |

Most Recent Run Time**Table 3-3811 Most Recent Run Time**

| Name | Value |
|----------------|------------------------------|
| Default | yes:0 |
| Displayed name | Most Recent Run Time |
| Maximum | 2147483647 |
| Minimum | 0 |
| OSS name | mostRecentExternalSpfRunTime |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | INT |
| Units | 1/100 s |

Multicast Import**Table 3-3812 Multicast Import**

| Name | Value |
|----------------|------------------|
| Default | yes:false |
| Displayed name | Multicast Import |
| OSS name | multicastImport |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | BOOL |

Name
Table 3-3813 Name

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | STRING |

Number of Full LFA Runs**Table 3-3814 Number of Full LFA Runs**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The value of fullLfaRunCount indicates the total number of times that complete LFA SPF has been run on the router since OSPF was last enabled. |
| Displayed name | Number of Full LFA Runs |
| OSS name | fullLfaRunCount |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | LONG |

Number Of Full SPF Runs**Table 3-3815 Number Of Full SPF Runs**

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | Number Of Full SPF Runs |
| OSS name | fullSpfRunCount |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | LONG |

Number Of Runs

Table 3-3816 Number Of Runs

| Name | Value |
|----------------|---------------------|
| Default | yes:0 |
| Displayed name | Number Of Runs |
| OSS name | spfRunCount |
| Read-only | yes |
| Tab Panel | Dijkstra Statistics |
| Type | LONG |

Opaque LSA Support

Table 3-3817 Opaque LSA Support

| Name | Value |
|----------------|--------------------|
| Default | yes:true |
| Displayed name | Opaque LSA Support |
| OSS name | opaqueLsaSupport |
| Read-only | no |
| Tab Panel | Behavior OSPFv2 |
| Type | generic.TruthValue |

Operational State

Table 3-3818 Operational State

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General State |
| Type | OperationalState |

OSPF Operational Router ID
Table 3-3819 OSPF Operational Router ID

| Name | Value |
|----------------|---|
| Default | yes:0.0.0.0 |
| Description | identifies uniquely the router in the Autonomous System. The default OSPF instance will use the value specified by <code>tmnxOspfRouterId</code> or as one of the router's IPv4 host addresses. For the non-default instances of OSPF, this is the same value as <code>tmnxOspfRouterId</code> (where the default is invalid), which must be specified before the OSPF instance can become operational. |
| Displayed name | OSPF Operational Router ID |
| Maximum | 50 |
| OSS name | <code>ospfOperRouterId</code> |
| Read-only | yes |
| Tab Panel | General OSPF Instance |
| Type | STRING |

OSPF Router ID**Table 3-3820 OSPF Router ID**

| Name | Value |
|----------------|---|
| Default | yes:0.0.0.0 |
| Description | identifies uniquely the router in the Autonomous System. By default it assumes the value of one of the router's IPv4 host addresses, if IPv4 is configured on the router. |
| Displayed name | OSPF Router ID |
| OSS name | <code>ospfRouterId</code> |
| Read-only | no |
| Tab Panel | General OSPF Instance |
| Type | INETADDR |

Overload Enabled**Table 3-3821 Overload Enabled**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Overload Enabled |
| OSS name | <code>overloadAdministrativeState</code> |
| Read-only | no |

Table 3-3821 Overload Enabled (continued)

| Name | Value |
|-------------|------------------|
| Tab Panel | Overload General |
| Type | BOOL |

Overload External Metric-Type 2**Table 3-3822 Overload External Metric-Type 2**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value of overloadExt2 specifies if the OSPF external prefixes with metric-type 2, should be advertised with a maximum metric value when the system goes into overload state for any reason. If the value is 'true', the system uses the maximum metric value |
| Displayed name | Overload External Metric-Type 2 |
| OSS name | overloadExt2 |
| Read-only | no |
| Tab Panel | Overload General |
| Type | BOOL |

Overload Interval**Table 3-3823 Overload Interval**

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Overload Interval |
| Maximum | 1800 |
| Minimum | 0 |
| OSS name | overloadInterval |
| Read-only | no |
| Tab Panel | Overload General |
| Type | INT |
| Units | seconds |

Overload State

Table 3-3824 Overload State

| Name | Value |
|----------------|--------------------------|
| Default | yes:noOverload |
| Displayed name | Overload State |
| OSS name | overloadOperationalState |
| Read-only | yes |
| Tab Panel | Overload General |
| Type | INT |

Overload Stubs

Table 3-3825 Overload Stubs

| Name | Value |
|----------------|------------------|
| Default | yes:false |
| Displayed name | Overload Stubs |
| OSS name | overloadStubs |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | BOOL |

Redistribute Delay

Table 3-3826 Redistribute Delay

| Name | Value |
|----------------|---|
| Default | yes:1000 |
| Description | The value of redistDelay defines the internal OSPF hold down timer for external routes being redistributed into OSPF. |
| Displayed name | Redistribute Delay |
| Maximum | 1000 |
| Minimum | 0 |
| OSS name | redistDelay |
| Read-only | no |
| Tab Panel | Dijkstra Configuration |
| Type | INT |

Table 3-3826 Redistribute Delay (continued)

| Name | Value |
|-------|--------------|
| Units | milliseconds |

RFC1583 Compatible**Table 3-3827 RFC1583 Compatible**

| Name | Value |
|----------------|---------------------|
| Default | yes:true |
| Displayed name | RFC1583 Compatible |
| OSS name | isRFC1583Compatible |
| Read-only | no |
| Tab Panel | Behavior OSPFv2 |
| Type | BOOL |

Routing Instance ID**Table 3-3828 Routing Instance ID**

| Name | Value |
|----------------|--------------------------|
| Default | yes:1 |
| Displayed name | Routing Instance ID |
| Maximum | 10240 |
| Minimum | 1 |
| OSS name | routerId |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | INT |

Routing Instance Name**Table 3-3829 Routing Instance Name**

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Routing Instance Name |
| Maximum | 32 |

Table 3-3829 Routing Instance Name (continued)

| Name | Value |
|-------------|--------------------------|
| Minimum | 0 |
| OSS name | routerName |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | STRING |

RSVP Shortcut Enabled**Table 3-3830 RSVP Shortcut Enabled**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | The value of tnnxOspfRsvpShortcut indicates whether RSVP-TE shortcut for resolving IGP routes has been enabled or disabled for OSPF. When the value of tnnxOspfRsvpShortcut is set to true RSVP-TE shortcut is enabled and when tnnxOspfRsvpShortcut is set to false RSVP-TE shortcut is disabled for OSPF. |
| Displayed name | RSVP Shortcut Enabled |
| OSS name | rsvpShortcut |
| Read-only | no |
| Tab Panel | Behavior OSPFv2 |
| Type | BOOL |

Second Wait**Table 3-3831 Second Wait**

| Name | Value |
|----------------|------------------------|
| Default | yes:5000 |
| Displayed name | Second Wait |
| Maximum | 600000 |
| Minimum | 10 |
| OSS name | lsaGenerateSecondWait |
| Read-only | no |
| Tab Panel | Dijkstra Configuration |
| Type | INT |
| Units | milliseconds |

Second Wait**Table 3-3832 Second Wait**

| Name | Value |
|----------------|------------------------|
| Default | yes:1000 |
| Displayed name | Second Wait |
| Maximum | 100000 |
| Minimum | 10 |
| OSS name | spfSecondWait |
| Read-only | no |
| Tab Panel | Dijkstra Configuration |
| Type | INT |
| Units | milliseconds |

Site ID**Table 3-3833 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-3834 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |

Table 3-3834 Site Name (continued)

| Name | Value |
|------|--------|
| Type | STRING |

SPF Max Wait**Table 3-3835 SPF Max Wait**

| Name | Value |
|----------------|------------------------|
| Default | yes:10000 |
| Displayed name | SPF Max Wait |
| Maximum | 120000 |
| Minimum | 10 |
| OSS name | spfMaxWait |
| Read-only | no |
| Tab Panel | Dijkstra Configuration |
| Type | INT |
| Units | milliseconds |

Stub Router Support**Table 3-3836 Stub Router Support**

| Name | Value |
|----------------|---------------------|
| Default | yes:true |
| Displayed name | Stub Router Support |
| OSS name | stubRouterSupport |
| Read-only | yes |
| Tab Panel | General Type |
| Type | BOOL |

Super-Backbone**Table 3-3837 Super-Backbone**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-3837 Super-Backbone (continued)

| Name | Value |
|----------------|---|
| Description | The value of <code>tmnxOspfSuperBackBone</code> specifies whether CE-PE functionality is required or not. <code>tmnxOspfSuperBackBone</code> indicates the type of the LSA generated as a result of routes redistributed into OSPF. When the value is set to 'true' the redistributed routes are injected as summary, external or NSSA LSAs. When the value is set to 'false' the redistributed routes are injected as either external or NSSA LSAs only. |
| Displayed name | Super-Backbone |
| OSS name | <code>superBackBone</code> |
| Read-only | no |
| Tab Panel | OSPF Super-Backbone General |
| Type | <code>generic.TruthValue</code> |

Suppress DN Bit

Table 3-3838 Suppress DN Bit

| Name | Value |
|----------------|--|
| Default | <code>yes:false</code> |
| Description | specifies whether to suppress the setting of the DN bit for OSPF LSA packets generated by this instance of OSPF on the router. When <code>suppressDNBit</code> has a value of 'true' the DN bit for OSPF LSA packets generated by this instance of the OSPF router will not be set. When it has a value of 'false' this instance of the OSPF router will follow the normal procedure to determine whether to set the DN bit. |
| Displayed name | Suppress DN Bit |
| OSS name | <code>suppressDNBit</code> |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | BOOL |

Time Entered

Table 3-3839 Time Entered

| Name | Value |
|----------------|--------------------------------------|
| Default | <code>yes:0</code> |
| Displayed name | Time Entered |
| OSS name | <code>lastOverflowEnteredTime</code> |
| Read-only | yes |
| Tab Panel | Behavior Overflow Control |

Table 3-3839 Time Entered (continued)

| Name | Value |
|------|-------|
| Type | DATE |

Time of Exit**Table 3-3840 Time of Exit**

| Name | Value |
|----------------|---------------------------|
| Default | yes:0 |
| Displayed name | Time of Exit |
| OSS name | lastOverflowExitTime |
| Read-only | yes |
| Tab Panel | Behavior Overflow Control |
| Type | DATE |

Total Exported Routes**Table 3-3841 Total Exported Routes**

| Name | Value |
|----------------|---|
| Description | The value of tmnxOspfTotalExportedRoutes indicates the total number of routes exported into OSPF from the route table manager when an export policy is configured. Value of tmnxOspfTotalExportedRoutes would be 0 when no export policy is configured. |
| Displayed name | Total Exported Routes |
| OSS name | exportedRoutes |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | LONG |

Traffic Engineering Support**Table 3-3842 Traffic Engineering Support**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:true |
| Displayed name | Traffic Engineering Support |
| OSS name | trafficEngineeringSupport |
| Read-only | no |

Table 3-3842 Traffic Engineering Support (continued)

| Name | Value |
|-------------|--------------------|
| Tab Panel | Behavior General |
| Type | generic.TruthValue |

Unicast Import**Table 3-3843 Unicast Import**

| Name | Value |
|----------------|------------------|
| Default | yes:true |
| Displayed name | Unicast Import |
| OSS name | unicastImport |
| Read-only | no |
| Tab Panel | Behavior General |
| Type | BOOL |

Unknown AS-Scope Checksum Sum**Table 3-3844 Unknown AS-Scope Checksum Sum**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:0 |
| Displayed name | Unknown AS-Scope Checksum Sum |
| OSS name | unknownLsaChecksumSum |
| Read-only | yes |
| Tab Panel | Behavior Link State Advertisements |
| Type | LONG |

Unknown AS-Scope Count**Table 3-3845 Unknown AS-Scope Count**

| Name | Value |
|----------------|------------------------|
| Default | yes:0 |
| Displayed name | Unknown AS-Scope Count |
| OSS name | unknownLsaCount |
| Read-only | yes |

Table 3-3845 Unknown AS-Scope Count (continued)

| Name | Value |
|-------------|------------------------------------|
| Tab Panel | Behavior Link State Advertisements |
| Type | LONG |

Version**Table 3-3846 Version**

| Name | Value |
|-----------------------|--------------------------|
| Default | yes:v2 |
| Displayed name | Version |
| Mandatory on creation | yes |
| OSS name | version |
| Read-only | no |
| Tab Panel | General OSPF Instance |
| Type | ospf.ProtocolVersionEnum |

VPN Domain ID**Table 3-3847 VPN Domain ID**

| Name | Value |
|----------------|--|
| Default | yes:0000.0000.0000 |
| Description | The value of <code>tmnxOspfVpnDomainId</code> specifies the OSPF VPN Domain. This is exchanged using BGP in the extended community attribute associated with a prefix. This object applies to VPRN instances of OSPF only. An attempt to modify the value of this object will result in an 'inconsistentValue' error when the <code>vRtrID</code> index for this row entry is not a VPRN instance. |
| Displayed name | VPN Domain ID |
| Maximum | 14 |
| Minimum | 0 |
| OSS name | <code>vpnDomainId</code> |
| Read-only | no |
| Tab Panel | OSPF Super-Backbone General |
| Type | STRING |
| Units | hex |

VPN Domain Type
Table 3-3848 VPN Domain Type

| Name | Value |
|--------------------------|---|
| Default | yes:type0000 |
| Description | The value of <code>tmnxOspfVpnDomainType</code> specifies type of the extended community attribute exchanged using BGP to carry the OSPF VPN Domain ID. This object applies to VPRN instances of OSPF only. An attempt to modify the value of this object will result in an 'inconsistentValue' error when the <code>vRtrID</code> index for this row entry is not a VPRN instance. |
| Displayed name | VPN Domain Type |
| OSS name | <code>vpnDomainType</code> |
| Read-only | no |
| Tab Panel | OSPF Super-Backbone General |
| Type | <code>VpnDomainTypes</code> |
| Enumerated types: | |
| | 0005 |
| | 0105 |
| | 0205 |
| | 8005 |
| | None |

VPN Tag**Table 3-3849 VPN Tag**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The value of <code>tmnxOspfVpnTag</code> specifies the route tag for an OSPF VPN on a PE router. This field is set in the tag field of the OSPF external LSAs generated by the PE. This is mainly used to prevent routing loops. This object applies to VPRN instances of OSPF only. An attempt to modify the value of this object will result in an 'inconsistentValue' error when the <code>vRtrID</code> index for this row entry is not a VPRN instance |
| Displayed name | VPN Tag |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | <code>vpnTag</code> |
| Read-only | no |
| Tab Panel | OSPF Super-Backbone General |
| Type | LONG |

OTDR Profile parameters

Description

Table 3-3850 Description

| Name | Value |
|----------------|-----------------------------|
| Description | Describes the scan profile. |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 1 |
| OSS name | description |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Distance Resolution

Table 3-3851 Distance Resolution

| Name | Value |
|--------------------------|---------------------------------------|
| Default | yes:250 |
| Description | Distance resolution of the OTDR scan. |
| Displayed name | Distance Resolution |
| OSS name | resolution |
| Read-only | yes |
| Tab Panel | General General |
| Type | OtdrProfileResolutionType |
| Units | m |
| Enumerated types: | |
| | 0.04 |
| | 0.08 |
| | 0.16 |
| | 0.32 |
| | 0.64 |
| | 1.2 |
| | 10 |
| | 160 |

Table 3-3851 Distance Resolution (continued)

| Name | Value |
|------|-------|
| 2.5 | |
| 20 | |
| 40 | |
| 5 | |
| 80 | |

Profile ID**Table 3-3852 Profile ID**

| Name | Value |
|----------------|---|
| Description | Unique identifier for the profile. Range is from 1 to 16. |
| Displayed name | Profile ID |
| OSS name | profileId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Pulse Length**Table 3-3853 Pulse Length**

| Name | Value |
|--------------------------|----------------------------|
| Default | yes:300 |
| Description | Length of the pulse. |
| Displayed name | Pulse Length |
| OSS name | pulseLength |
| Read-only | yes |
| Tab Panel | General General |
| Type | OtdrProfilePulseLengthType |
| Units | ns |
| Enumerated types: | |
| | 10 |
| | 100 |
| | 1000 |

Table 3-3853 Pulse Length (continued)

| Name | Value |
|-------|-------|
| 10000 | |
| 20000 | |
| 30 | |
| 300 | |
| 3000 | |
| 5 | |

Scan Range**Table 3-3854 Scan Range**

| Name | Value |
|--------------------------|---|
| Default | yes:260 |
| Description | The range of the span that is being probed in Kilometers. |
| Displayed name | Scan Range |
| OSS name | range |
| Read-only | yes |
| Tab Panel | General General |
| Type | OtdrProfileRangeType |
| Units | km |
| Enumerated types: | |
| 0.1 | |
| 0.5 | |
| 1 | |
| 10 | |
| 160 | |
| 2 | |
| 20 | |
| 260 | |
| 40 | |
| 5 | |
| 80 | |

Signal Average Time
Table 3-3855 Signal Average Time

| Name | Value |
|----------------|---|
| Default | yes:03:00 |
| Description | Signal averaging time for a scan range. |
| Displayed name | Signal Average Time |
| OSS name | avgTime |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |
| Units | MM:SS |

WaveLength**Table 3-3856 WaveLength**

| Name | Value |
|----------------|--|
| Default | yes:1610 |
| Description | The wavelength used for the OTDR scan. The wavelength is 1610 nm, and is not configurable. |
| Displayed name | WaveLength |
| OSS name | wavelength |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |
| Units | nm |

OTDR Scan Result File parameters

File Name

Table 3-3857 File Name

| Name | Value |
|----------------|--|
| Description | SAM only property, Scan result file name |
| Displayed name | File Name |
| Maximum | 2047 |
| Minimum | 0 |
| OSS name | scanResultFileName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Port Id

Table 3-3858 Port Id

| Name | Value |
|----------------|------------------------------------|
| Default | yes:0 |
| Description | SAM only property, Port identifier |
| Displayed name | Port Id |
| OSS name | portId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Shelf Id

Table 3-3859 Shelf Id

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:0 |
| Description | SAM only property, Shelf identifier |
| Displayed name | Shelf Id |
| OSS name | shelfId |
| Read-only | no |

Table 3-3859 Shelf Id (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | INT |

Site Id**Table 3-3860 Site Id**

| Name | Value |
|----------------|------------------------------------|
| Default | yes: |
| Description | SAM only property, Site Identifier |
| Displayed name | Site Id |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Slot Id**Table 3-3861 Slot Id**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:0 |
| Description | SAM only property, Slot identifier |
| Displayed name | Slot Id |
| OSS name | slotId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

OTDR Scan Specifics parameters

Associated OTDR Port

Table 3-3862 Associated OTDR Port

| Name | Value |
|----------------|---|
| Description | Specifies the assigned OTDR port that is connected to the LD port." |
| Displayed name | Associated OTDR Port |
| OSS name | assignedOTDRPort |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Averaging Time

Table 3-3863 Averaging Time

| Name | Value |
|----------------|----------------------------------|
| Default | yes:03:00 |
| Description | Signal averaging time for a scan |
| Displayed name | Averaging Time |
| OSS name | averageTime |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |
| Units | MM:SS |

Estimated Completion

Table 3-3864 Estimated Completion

| Name | Value |
|----------------|---|
| Description | SAM only property ,The estimated completion time. |
| Displayed name | Estimated Completion |
| OSS name | estimatedCompletion |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Table 3-3864 Estimated Completion (continued)

| Name | Value |
|-------|----------|
| Units | HH:MM:SS |

Estimated Time Remaining**Table 3-3865 Estimated Time Remaining**

| Name | Value |
|----------------|--------------------------------------|
| Description | Time remaining for scan to complete. |
| Displayed name | Estimated Time Remaining |
| OSS name | scanTimeRemaining |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |
| Units | MM:SS |

Last Successful Scan**Table 3-3866 Last Successful Scan**

| Name | Value |
|----------------|---|
| Description | The date and time when the last OTDR scan was Successful. |
| Displayed name | Last Successful Scan |
| OSS name | lastSuccessfulTimeStamp |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Profile**Table 3-3867 Profile**

| Name | Value |
|----------------|--|
| Description | Profile Id to be used for the scan. Current configurable range: 1 to 16. After selecting a profile Id, if user tries to change any of the parameter, profile id changes to -1. |
| Displayed name | Profile |
| OSS name | scanProfilePointer |

Table 3-3867 Profile (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Pulse Length**Table 3-3868 Pulse Length**

| Name | Value |
|--------------------------|----------------------------|
| Default | yes:300 |
| Description | The Pulse Length |
| Displayed name | Pulse Length |
| OSS name | pulseLength |
| Read-only | no |
| Tab Panel | General General |
| Type | OtdrProfilePulseLengthType |
| Units | ns |
| Enumerated types: | |
| | 10 |
| | 100 |
| | 1000 |
| | 10000 |
| | 20000 |
| | 30 |
| | 300 |
| | 3000 |
| | 5 |

Range**Table 3-3869 Range**

| Name | Value |
|-------------|---|
| Default | yes:260 |
| Description | The range of the span that is being probed in meters. |

Table 3-3869 Range (continued)

| Name | Value |
|--------------------------|----------------------|
| Displayed name | Range |
| OSS name | range |
| Read-only | no |
| Tab Panel | General General |
| Type | OtdrProfileRangeType |
| Units | km |
| Enumerated types: | |
| 0.1 | |
| 0.5 | |
| 1 | |
| 10 | |
| 160 | |
| 2 | |
| 20 | |
| 260 | |
| 40 | |
| 5 | |
| 80 | |

Resolution**Table 3-3870 Resolution**

| Name | Value |
|--------------------------|--------------------------------------|
| Default | yes:250 |
| Description | Distance resolution of the OTDR scan |
| Displayed name | Resolution |
| OSS name | resolution |
| Read-only | no |
| Tab Panel | General General |
| Type | OtdrProfileResolutionType |
| Units | m |
| Enumerated types: | |
| 0.04 | |

Table 3-3870 Resolution (continued)

| Name | Value |
|------|-------|
| 0.08 | |
| 0.16 | |
| 0.32 | |
| 0.64 | |
| 1.2 | |
| 10 | |
| 160 | |
| 2.5 | |
| 20 | |
| 40 | |
| 5 | |
| 80 | |

Results File Name**Table 3-3871 Results File Name**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Name of the file to be used for scan. If not provided, last filename will be used. The filename needs to be alphanumeric. |
| Displayed name | Results File Name |
| Maximum | 25 |
| Minimum | 0 |
| OSS name | scanFileName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Scan Description**Table 3-3872 Scan Description**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-3872 Scan Description (continued)

| Name | Value |
|----------------|---|
| Description | Describes the different settings for the scan |
| Displayed name | Scan Description |
| OSS name | scanDescription |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Scan Status**Table 3-3873 Scan Status**

| Name | Value |
|--------------------------|---|
| Description | Most recent scan Results for the LD Port. |
| Displayed name | Scan Status |
| OSS name | scanResult |
| Read-only | no |
| Tab Panel | General General |
| Type | OtdrScanResult |
| Enumerated types: | |
| Abort | |
| Complete | |
| Fail | |
| In Progress | |
| Not Scanning | |

WaveLength**Table 3-3874 WaveLength**

| Name | Value |
|----------------|---|
| Default | yes:1610 |
| Description | The wavelength used for the OTDR scan. The wavelength is 1610 nm, and is not configurable |
| Displayed name | WaveLength |
| OSS name | scanWavelength |

Table 3-3874 WaveLength (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |
| Units | nm |

OtdrScanTransfer parameters

File Retrieval Location

Table 3-3875 File Retrieval Location

| Name | Value |
|--------------------------|--|
| Default | yes:unset |
| Description | Scan file storage location |
| Displayed name | File Retrieval Location |
| OSS name | fileLocation |
| Read-only | no |
| Tab Panel | OTDR Scan Transfer File Server Details |
| Type | OtdrScanResultFileLocationType |
| Enumerated types: | |
| Local | |
| Remote | |
| Unset | |

File Server IP Address

Table 3-3876 File Server IP Address

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | OTDR scan transfer remote host IP address. |
| Displayed name | File Server IP Address |
| OSS name | remoteIp |
| Read-only | no |
| Tab Panel | OTDR Scan Transfer File Server Details |

Table 3-3876 File Server IP Address (continued)

| Name | Value |
|------|----------|
| Type | INETADDR |

File Transfer Protocol

Table 3-3877 File Transfer Protocol

| Name | Value |
|--------------------------|---|
| Default | yes:ftp |
| Description | OTDR scan transfer protocol. Currently, ftp alone is supported. |
| Displayed name | File Transfer Protocol |
| OSS name | protocol |
| Read-only | no |
| Tab Panel | OTDR Scan Transfer File Server Details |
| Type | OtdrScanTransferProtocol |
| Enumerated types: | |
| FTP | |
| SFTP | |
| TFTP | |

Password

Table 3-3878 Password

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Password for accessing the RFS. Empty if password not set, else returns '*****'. |
| Displayed name | Password |
| Maximum | 129 |
| Minimum | 0 |
| OSS name | password |
| Read-only | no |
| Tab Panel | OTDR Scan Transfer File Server Details |
| Type | STRING |

Retrieval destination Path
Table 3-3879 Retrieval destination Path

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | OTDR scan transfer remote path |
| Displayed name | Retrieval destination Path |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | remotePath |
| Read-only | no |
| Tab Panel | OTDR Scan Transfer File Server Details |
| Type | STRING |

User Id**Table 3-3880 User Id**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | UserId for accessing RFS. |
| Displayed name | User Id |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | userId |
| Read-only | no |
| Tab Panel | OTDR Scan Transfer File Server Details |
| Type | STRING |

OTS Trail parameters

A to Z

Table 3-3881 A to Z

| Name | Value |
|--------------------------|---|
| Description | Indicates which trail path is the active one in the AZ direction. |
| Displayed name | A to Z |
| OSS name | activePathAZ |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Administrative State

Table 3-3882 Administrative State

| Name | Value |
|--------------------------|---|
| Default | yes:up |
| Description | The administrative state of the connection. |
| Displayed name | Administrative State |
| Mandatory on creation | yes |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionAdminState |
| Enumerated types: | |
| Automatic In-Service | |
| Blocking | |

Table 3-3882 Administrative State (continued)

| Name | Value |
|----------------|-------|
| Down | |
| Maintenance | |
| Partially Down | |
| Standby/Backup | |
| Unknown | |
| Up | |

Bidirectional**Table 3-3883 Bidirectional**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Connection Type**Table 3-3884 Connection Type**

| Name | Value |
|--------------------------|---------------------|
| Default | yes:unspecified |
| Description | Type of connection. |
| Displayed name | Connection Type |
| Mandatory on creation | yes |
| OSS name | connectionType |
| Read-only | no |
| Tab Panel | General General |
| Type | ConnectionType |
| Enumerated types: | |
| Multipoint Service Path | |

Table 3-3884 Connection Type (continued)

| Name | Value |
|----------------------------|-------|
| OCH CrossConnect | |
| OCH CrossConnect Group | |
| OCH Trail | |
| OCH Trail Path | |
| OCH Trail Path - Preview | |
| ODU Trail | |
| ODU Trail Path | |
| ODU Trail Path - Preview | |
| ODUk CrossConnect | |
| OMS Trail | |
| OMS Trail Path | |
| OT CrossConnect | |
| OTS Trail | |
| OTS Trail Path | |
| OTU Trail | |
| OTU Trail Path | |
| OTU Trail Path - Preview | |
| Port Trail | |
| Service Path | |
| Service Path - Preview | |
| Subnetwork Connection | |
| Transport Service | |
| Virtual OCH CrossConnect | |
| Virtual ODUk Cross Connect | |
| VTS CrossConnect | |

Customer**Table 3-3885 Customer**

| Name | Value |
|----------------|-------------------|
| Displayed name | Customer |
| OSS name | subscriberPointer |
| Read-only | no |

Table 3-3885 Customer (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | POINTER |

Customer ID**Table 3-3886 Customer ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Customer ID |
| Mandatory on creation | yes |
| OSS name | subscriberId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Customer Name**Table 3-3887 Customer Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | subscriberName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Force Create OCh XC**Table 3-3888 Force Create OCh XC**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-3888 Force Create OCh XC (continued)

| Name | Value |
|----------------|--|
| Description | Indicates whether the OCH XC should be created by force when power commissioning provisioning state is "InProgress". |
| Displayed name | Force Create OCh XC |
| OSS name | forceXcCreate |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Operational State

Table 3-3889 Operational State

| Name | Value |
|--------------------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionOperState |
| Enumerated types: | |
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

Path Preference

Table 3-3890 Path Preference

| Name | Value |
|-------------|---|
| Default | yes:working |
| Description | Indicates whether the working path or the protection path needs to be retained when Trail protection is modified to unprotected |

Table 3-3890 Path Preference (continued)

| Name | Value |
|-------------------------------------|----------------------------|
| Displayed name | Path Preference |
| OSS name | modifyProtectionPreference |
| Read-only | no |
| Tab Panel | General General |
| Type | ModifyProtectionPreference |
| Enumerated types: | |
| None | |
| Retain Path A1Z1 | |
| Retain Path A1Z2 | |
| Retain Path A2Z1 | |
| Retain Path A2Z2 | |
| Retain Protection Path | |
| Retain Termination Points A1 and Z1 | |
| Retain Termination Points A1 and Z2 | |
| Retain Termination Points A2 and Z1 | |
| Retain Termination Points A2 and Z2 | |
| Retain Working Path | |

Plane Type

Table 3-3891 Plane Type

| Name | Value |
|-----------------------|---|
| Default | yes:MP |
| Description | - Management plane, control plane or mixed. |
| Displayed name | Plane Type |
| Mandatory on creation | yes |
| OSS name | managementDomains |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.MgmtAccessDomains |

Protection Level
Table 3-3892 Protection Level

| Name | Value |
|--------------------------|---|
| Default | yes:unprotected |
| Description | The calculated level of protection based on the underlying server OTN layers. |
| Displayed name | Protection Level |
| Mandatory on creation | yes |
| OSS name | protectionLevel |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionLevel |
| Enumerated types: | |
| Protected | |
| Segment Protected | |
| Unprotected | |

Protection Type**Table 3-3893 Protection Type**

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:unprotected |
| Description | Protection type of the trail. |
| Displayed name | Protection Type |
| OSS name | protection |
| Read-only | no |
| Tab Panel | General General |
| Type | TrailProtectionType |
| Enumerated types: | |
| Diverse Route | |
| OPS Protected | |
| Segment Protected | |
| SNCI Protected | |
| SNCN Protected | |
| SNCNC Protected | |
| Unprotected | |

Table 3-3893 Protection Type (continued)

| Name | Value |
|-------------------|-------|
| Y-Cable Protected | |

Rate**Table 3-3894 Rate**

| Name | Value |
|--------------------------|----------------------------------|
| Description | Indicates the rate of the trail. |
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | AssignedRate |
| Enumerated types: | |
| 100GbE LAN | |
| 10GbE LAN | |
| 1GbE | |
| 3GSDI | |
| 40GbE LAN | |
| 40GbE MLD LAN | |
| BITS | |
| CBR10G | |
| CBR10G3 | |
| CBR2G5 | |
| DCN | |
| DDR | |
| Default | |
| DVBASI | |
| DVI 6000 | |
| E1 | |
| ESCON | |
| FC100 | |
| FC1200 | |

Table 3-3894 Rate (continued)

| Name | Value |
|-------------------|-------|
| FC1600 | |
| FC200 | |
| FC400 | |
| FC800 | |
| FDDI | |
| FE | |
| HSDSI | |
| N/A | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex-3GSDI | |
| ODUFlex-40GBE MLD | |
| ODUFlex-CBR | |
| ODUFlex-DDR | |
| ODUFlex-FC1200 | |
| ODUFlex-FC1600 | |
| ODUFlex-FC400 | |
| ODUFlex-FC800 | |

Table 3-3894 Rate (continued)

| Name | Value |
|-------------|-------|
| ODUFlex-GFP | |
| OMS | |
| ONETRU | |
| OPTSG | |
| OS | |
| OTL4.4 | |
| OTS | |
| OTU1 | |
| OTU1f | |
| OTU2 | |
| OTU2e | |
| OTU3 | |
| OTU3e2 | |
| OTU4 | |
| OTU4x2 | |
| SDR | |
| SDSDI | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| SubGigE | |
| TOD | |
| Unassigned | |
| Unknown | |

Trail ID**Table 3-3895 Trail ID**

| Name | Value |
|-------------|-------------------------------|
| Default | yes:0 |
| Description | Unique id for the Connection. |

Table 3-3895 Trail ID (continued)

| Name | Value |
|-----------------------|-----------------|
| Displayed name | Trail ID |
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | connId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Trail Name**Table 3-3896 Trail Name**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes: |
| Description | Displayed name of the Connection. |
| Displayed name | Trail Name |
| Maximum | 256 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Z to A**Table 3-3897 Z to A**

| Name | Value |
|----------------|---|
| Description | Indicates which trail path is the active one in the ZA direction. |
| Displayed name | Z to A |
| OSS name | activePathZA |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | ProtectionState |

Table 3-3897 Z to A (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

OTU TCA Profile Assignment parameters

Clear Bins

Table 3-3898 Clear Bins

| Name | Value |
|--------------------------|---|
| Default | yes:1 |
| Description | This attribute is used to clear all the bins in an interval on a particular card and group. |
| Displayed name | Clear Bins |
| OSS name | clearBins |
| Read-only | no |
| Tab Panel | General General |
| Type | PerformCommand |
| Enumerated types: | |
| Execute | |
| Execute with Force | |
| No Cmd | |

Interval

Table 3-3899 Interval

| Name | Value |
|-------------|--------------------------|
| Default | yes:0 |
| Description | The collection interval. |

Table 3-3899 Interval (continued)

| Name | Value |
|--------------------------|-----------------|
| Displayed name | Interval |
| Mandatory on creation | yes |
| OSS name | interval |
| Read-only | no |
| Tab Panel | General General |
| Type | IntervalType |
| Enumerated types: | |
| 15 min Interval | |
| 24 hour Interval | |
| All | |
| Continuous | |
| Not Applicable | |

Number of Bins**Table 3-3900 Number of Bins**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The number of collection bins in the interval. |
| Displayed name | Number of Bins |
| Maximum | 33 |
| Minimum | 1 |
| OSS name | noOfBins |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Profile Type**Table 3-3901 Profile Type**

| Name | Value |
|-------------|-----------------------|
| Default | yes:0 |
| Description | The group identifier. |

Table 3-3901 Profile Type (continued)

| Name | Value |
|-----------------------|----------------------|
| Displayed name | Profile Type |
| Mandatory on creation | yes |
| OSS name | groupId |
| Read-only | no |
| Tab Panel | General General |
| Type | netca.TCAProfileType |

TCA Profile**Table 3-3902 TCA Profile**

| Name | Value |
|----------------|------------------------|
| Default | yes: |
| Description | TCA Profile. |
| Displayed name | TCA Profile |
| OSS name | tcaProfilePointer |
| Read-only | no |
| Tab Panel | General Select Profile |
| Type | POINTER |

OTU Trail parameters**A to Z****Table 3-3903 A to Z**

| Name | Value |
|--------------------------|---|
| Description | Indicates which trail path is the active one in the AZ direction. |
| Displayed name | A to Z |
| OSS name | activePathAZ |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |

Table 3-3903 A to Z (continued)

| Name | Value |
|-------------|-------|
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

A-Z OTU Expected TTI**Table 3-3904 A-Z OTU Expected TTI**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:N/A |
| Description | OTU Expected TTI in the AZ direction. |
| Displayed name | A-Z OTU Expected TTI |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | otuExTtiAz |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

A-Z OTU Transmitted OS**Table 3-3905 A-Z OTU Transmitted OS**

| Name | Value |
|----------------|---|
| Default | yes:N/A |
| Description | Transmitted Trail Trace Identifier (TTI), Transmit Source Access Point Identifier |
| Displayed name | A-Z OTU Transmitted OS |
| Maximum | 65 |
| Minimum | 0 |
| OSS name | txOsAz |
| Read-only | no |
| Tab Panel | General TTI Attributes |

Table 3-3905 A-Z OTU Transmitted OS (continued)

| Name | Value |
|------|--------|
| Type | STRING |

A-Z OTU Transmitted TTI**Table 3-3906 A-Z OTU Transmitted TTI**

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | OTU Transmitted TTI in the AZ direction. |
| Displayed name | A-Z OTU Transmitted TTI |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | otuTxTtiAz |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

Administrative State**Table 3-3907 Administrative State**

| Name | Value |
|--------------------------|---|
| Default | yes:up |
| Description | The administrative state of the connection. |
| Displayed name | Administrative State |
| Mandatory on creation | yes |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionAdminState |
| Enumerated types: | |
| Automatic In-Service | |
| Blocking | |
| Down | |
| Maintenance | |

Table 3-3907 Administrative State (continued)

| Name | Value |
|----------------|-------|
| Partially Down | |
| Standby/Backup | |
| Unknown | |
| Up | |

Bidirectional**Table 3-3908 Bidirectional**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Channel**Table 3-3909 Channel**

| Name | Value |
|--------------------------|---------------------|
| Default | yes:unAssigned |
| Description | ITU Channel number. |
| Displayed name | Channel |
| Mandatory on creation | yes |
| OSS name | channel |
| Read-only | no |
| Tab Panel | General OCH |
| Type | ITUChannel |
| Enumerated types: | |
| 1310 | |
| 1471 | |
| 1490 | |

Table 3-3909 Channel (continued)

| Name | Value |
|------|-------|
| 1491 | |
| 1511 | |
| 1530 | |
| 1531 | |
| 1550 | |
| 1551 | |
| 1571 | |
| 1591 | |
| 1611 | |
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |

Table 3-3909 Channel (continued)

| Name | Value |
|------|-------|
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |

Table 3-3909 Channel (continued)

| Name | Value |
|------|-------|
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |

Table 3-3909 Channel (continued)

| Name | Value |
|------|-------|
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |

Table 3-3909 Channel (continued)

| Name | Value |
|------|-------|
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |

Table 3-3909 Channel (continued)

| Name | Value |
|------|-------|
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |

Table 3-3909 Channel (continued)

| Name | Value |
|------|-------|
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

Connection Type

Table 3-3910 Connection Type

| Name | Value |
|--------------------------|---------------------|
| Default | yes:unspecified |
| Description | Type of connection. |
| Displayed name | Connection Type |
| Mandatory on creation | yes |
| OSS name | connectionType |
| Read-only | no |
| Tab Panel | General General |
| Type | ConnectionType |
| Enumerated types: | |
| Multipoint Service Path | |
| OCH CrossConnect | |
| OCH CrossConnect Group | |
| OCH Trail | |
| OCH Trail Path | |
| OCH Trail Path - Preview | |
| ODU Trail | |
| ODU Trail Path | |
| ODU Trail Path - Preview | |
| ODUk CrossConnect | |
| OMS Trail | |
| OMS Trail Path | |

Table 3-3910 Connection Type (continued)

| Name | Value |
|----------------------------|-------|
| OT CrossConnect | |
| OTS Trail | |
| OTS Trail Path | |
| OTU Trail | |
| OTU Trail Path | |
| OTU Trail Path - Preview | |
| Port Trail | |
| Service Path | |
| Service Path - Preview | |
| Subnetwork Connection | |
| Transport Service | |
| Virtual OCH CrossConnect | |
| Virtual ODUk Cross Connect | |
| VTS CrossConnect | |

Customer**Table 3-3911 Customer**

| Name | Value |
|----------------|-------------------|
| Displayed name | Customer |
| OSS name | subscriberPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Customer ID**Table 3-3912 Customer ID**

| Name | Value |
|-----------------------|--------------|
| Default | yes:0 |
| Displayed name | Customer ID |
| Mandatory on creation | yes |
| OSS name | subscriberId |

Table 3-3912 Customer ID (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Customer Name**Table 3-3913 Customer Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | subscriberName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

FEC Mode**Table 3-3914 FEC Mode**

| Name | Value |
|--------------------------|---|
| Default | yes:unknown |
| Description | The OCh OTU FEC mode. Depending on the port rate this can be OTU1 FEC Mode/OTU2 FEC Mode/OTU3 FEC Mode/OTU4 FEC Mode. |
| Displayed name | FEC Mode |
| OSS name | otuFecMode |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | FecMode |
| Enumerated types: | |
| AFEC | |
| Disabled | |
| EFEC | |

Table 3-3914 FEC Mode (continued)

| Name | Value |
|----------|-------|
| EFEC2 | |
| Enhanced | |
| G.709 | |
| No FEC | |
| RSFEC | |
| SDFEC | |
| UFEC | |
| Unknown | |

Force Create OCh XC**Table 3-3915 Force Create OCh XC**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates whether the OCh XC should be created by force when power commissioning provisioning state is "InProgress". |
| Displayed name | Force Create OCh XC |
| OSS name | forceXcCreate |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Operational State**Table 3-3916 Operational State**

| Name | Value |
|--------------------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionOperState |
| Enumerated types: | |

Table 3-3916 Operational State (continued)

| Name | Value |
|----------------|-------|
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

OTU TTI Comparison

Table 3-3917 OTU TTI Comparison

| Name | Value |
|--------------------------|-------------------------|
| Default | yes:unknown |
| Description | OTU TIM detection mode. |
| Displayed name | OTU TTI Comparison |
| OSS name | otuTimDetMode |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | TimDetectionMode |
| Enumerated types: | |
| DAPI | |
| Disabled | |
| Enabled | |
| SAPI | |
| SAPIDAPI | |
| Unknown | |

OTU TTI Mismatch Response

Table 3-3918 OTU TTI Mismatch Response

| Name | Value |
|-------------|-----------------------------|
| Default | yes:unknown |
| Description | OTU TIM consequence action. |

Table 3-3918 OTU TTI Mismatch Response (continued)

| Name | Value |
|--------------------------|---------------------------|
| Displayed name | OTU TTI Mismatch Response |
| OSS name | otuTimConsAction |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | TimConsAction |
| Enumerated types: | |
| Disabled | |
| Enabled | |
| Unknown | |

Path Preference**Table 3-3919 Path Preference**

| Name | Value |
|-------------------------------------|---|
| Default | yes:working |
| Description | Indicates whether the working path or the protection path needs to be retained when Trail protection is modified to unprotected |
| Displayed name | Path Preference |
| OSS name | modifyProtectionPreference |
| Read-only | no |
| Tab Panel | General General |
| Type | ModifyProtectionPreference |
| Enumerated types: | |
| None | |
| Retain Path A1Z1 | |
| Retain Path A1Z2 | |
| Retain Path A2Z1 | |
| Retain Path A2Z2 | |
| Retain Protection Path | |
| Retain Termination Points A1 and Z1 | |
| Retain Termination Points A1 and Z2 | |
| Retain Termination Points A2 and Z1 | |
| Retain Termination Points A2 and Z2 | |

Table 3-3919 Path Preference (continued)

| Name | Value |
|---------------------|-------|
| Retain Working Path | |

Plane Type

Table 3-3920 Plane Type

| Name | Value |
|-----------------------|---|
| Default | yes:MP |
| Description | - Management plane, control plane or mixed. |
| Displayed name | Plane Type |
| Mandatory on creation | yes |
| OSS name | managementDomains |
| Read-only | no |
| Tab Panel | General General |
| Type | oth.MgmtAccessDomains |

Protection Level

Table 3-3921 Protection Level

| Name | Value |
|--------------------------|---|
| Default | yes:unprotected |
| Description | The calculated level of protection based on the underlying server OTN layers. |
| Displayed name | Protection Level |
| Mandatory on creation | yes |
| OSS name | protectionLevel |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionLevel |
| Enumerated types: | |
| Protected | |
| Segment Protected | |
| Unprotected | |

Protection Type
Table 3-3922 Protection Type

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:unprotected |
| Description | Protection type of the trail. |
| Displayed name | Protection Type |
| OSS name | protection |
| Read-only | no |
| Tab Panel | General General |
| Type | TrailProtectionType |
| Enumerated types: | |
| Diverse Route | |
| OPS Protected | |
| Segment Protected | |
| SNCI Protected | |
| SNCN Protected | |
| SNCNC Protected | |
| Unprotected | |
| Y-Cable Protected | |

Rate**Table 3-3923 Rate**

| Name | Value |
|--------------------------|----------------------------------|
| Description | Indicates the rate of the trail. |
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | AssignedRate |
| Enumerated types: | |
| 100GbE LAN | |
| 10GbE LAN | |
| 1GbE | |

Table 3-3923 Rate (continued)

| Name | Value |
|---------------|-------|
| 3GSDI | |
| 40GbE LAN | |
| 40GbE MLD LAN | |
| BITS | |
| CBR10G | |
| CBR10G3 | |
| CBR2G5 | |
| DCN | |
| DDR | |
| Default | |
| DVBASI | |
| DVI 6000 | |
| E1 | |
| ESCON | |
| FC100 | |
| FC1200 | |
| FC1600 | |
| FC200 | |
| FC400 | |
| FC800 | |
| FDDI | |
| FE | |
| HSDSI | |
| N/A | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU1 | |
| ODU1e | |

Table 3-3923 Rate (continued)

| Name | Value |
|-------------------|-------|
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex-3GSDI | |
| ODUFlex-40GBE MLD | |
| ODUFlex-CBR | |
| ODUFlex-DDR | |
| ODUFlex-FC1200 | |
| ODUFlex-FC1600 | |
| ODUFlex-FC400 | |
| ODUFlex-FC800 | |
| ODUFlex-GFP | |
| OMS | |
| ONETRU | |
| OPTSG | |
| OS | |
| OTL4.4 | |
| OTS | |
| OTU1 | |
| OTU1f | |
| OTU2 | |
| OTU2e | |
| OTU3 | |
| OTU3e2 | |
| OTU4 | |
| OTU4x2 | |
| SDR | |
| SDDSI | |

Table 3-3923 Rate (continued)

| Name | Value |
|------------|-------|
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| SubGigE | |
| TOD | |
| Unassigned | |
| Unknown | |

Regen Response

Table 3-3924 Regen Response

| Name | Value |
|--------------------------|------------------------|
| Default | yes:unknown |
| Description | Regen Response. |
| Displayed name | Regen Response |
| OSS name | regenResponse |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | LosPropagation |
| Enumerated types: | |
| LASER OFF | |
| LASER ON | |
| Unknown | |

Trail ID

Table 3-3925 Trail ID

| Name | Value |
|----------------|-------------------------------|
| Default | yes:0 |
| Description | Unique id for the Connection. |
| Displayed name | Trail ID |

Table 3-3925 Trail ID (continued)

| Name | Value |
|-----------------------|-----------------|
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | connId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Trail Name**Table 3-3926 Trail Name**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes: |
| Description | Displayed name of the Connection. |
| Displayed name | Trail Name |
| Maximum | 256 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

TTI Format**Table 3-3927 TTI Format**

| Name | Value |
|----------------|---|
| Default | yes:ascii |
| Description | The OCh OTU FEC mode. Depending on the port rate this can be OTU1 FEC Mode/OTU2 FEC Mode/OTU3 FEC Mode/OTU4 FEC Mode. |
| Displayed name | TTI Format |
| OSS name | ttiPreference |
| Read-only | no |
| Tab Panel | General TTI Attributes |

Table 3-3927 TTI Format (continued)

| Name | Value |
|--------------------------|---------------|
| Type | TTIPreference |
| Enumerated types: | |
| ASCII | |
| HEX | |

Wave Key Assign Mode

Table 3-3928 Wave Key Assign Mode

| Name | Value |
|--------------------------|--------------------------|
| Default | yes:auto |
| Description | Wavekey generation mode. |
| Displayed name | Wave Key Assign Mode |
| Mandatory on creation | yes |
| OSS name | wavekeyAssignMode |
| Read-only | no |
| Tab Panel | General OCH |
| Type | WavekeySelect |
| Enumerated types: | |
| Auto Keying (NE) | |
| Auto Keying (NMS) | |
| Unkeyed | |

Z to A

Table 3-3929 Z to A

| Name | Value |
|--------------------------|---|
| Description | Indicates which trail path is the active one in the ZA direction. |
| Displayed name | Z to A |
| OSS name | activePathZA |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | ProtectionState |
| Enumerated types: | |

Table 3-3929 Z to A (continued)

| Name | Value |
|-------------|-------|
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Z-A OTU Expected TTI**Table 3-3930 Z-A OTU Expected TTI**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:N/A |
| Description | OTU Expected TTI in the ZA direction. |
| Displayed name | Z-A OTU Expected TTI |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | otuExTtiZa |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

Z-A OTU Transmitted OS**Table 3-3931 Z-A OTU Transmitted OS**

| Name | Value |
|----------------|---|
| Default | yes:N/A |
| Description | Transmitted Trail Trace Identifier (TTI), Transmit Source Access Point Identifier |
| Displayed name | Z-A OTU Transmitted OS |
| Maximum | 65 |
| Minimum | 0 |
| OSS name | txOsZa |
| Read-only | no |

Table 3-3931 Z-A OTU Transmitted OS (continued)

| Name | Value |
|-------------|------------------------|
| Tab Panel | General TTI Attributes |
| Type | STRING |

Z-A OTU Transmitted TTI**Table 3-3932 Z-A OTU Transmitted TTI**

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | OTU Transmitted TTI in the ZA direction. |
| Displayed name | Z-A OTU Transmitted TTI |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | otuTxTtiZa |
| Read-only | no |
| Tab Panel | General TTI Attributes |
| Type | STRING |

OtuCtp parameters**Administrative State****Table 3-3933 Administrative State**

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Administrative state of the interface. It may be used to suppress the alarms or disable consequent actions on the entity. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | optical.XcState |

Async Mapping

Table 3-3934 Async Mapping

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether or not the Asynchronous mapping mode of transporting the OTU client is enabled. When this value is set to false, the OTU client is mapped Synchronously. |
| Displayed name | Async Mapping |
| OSS name | asyncMapping |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Expected Rx Mode

Table 3-3935 Expected Rx Mode

| Name | Value |
|----------------|--|
| Default | yes:auto |
| Description | Specifies the type of expected Trail Trace Identifier (TTI) for the Section Monitoring (SM) in the OTU overhead. |
| Displayed name | Expected Rx Mode |
| OSS name | exTtiMode |
| Read-only | no |
| Tab Panel | General TTI |
| Type | ethernetequipment.OTUTtiMode |

Expected Rx String

Table 3-3936 Expected Rx String

| Name | Value |
|----------------|--------------------|
| Default | yes: |
| Description | OTU Expected TTI. |
| Displayed name | Expected Rx String |
| Maximum | 192 |
| Minimum | 0 |
| OSS name | exTti |

Table 3-3936 Expected Rx String (continued)

| Name | Value |
|-------------|-------------|
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

FEC Mode**Table 3-3937 FEC Mode**

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Specifies what type of Forward Error Correction (FEC) has been enabled on the port. |
| Displayed name | FEC Mode |
| OSS name | fecMode |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.FecMode |

Layer Type**Table 3-3938 Layer Type**

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.LayerType |

Name**Table 3-3939 Name**

| Name | Value |
|----------------|-------|
| Default | yes: |
| Displayed name | Name |

Table 3-3939 Name (continued)

| Name | Value |
|-------------|-----------------|
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Operational State

Table 3-3940 Operational State

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:unknown |
| Description | Operational state of the interface. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General States |
| Type | optical.XcState |

OTU-TIM reaction

Table 3-3941 OTU-TIM reaction

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Specifies the reaction that should be taken in the event of a Section Monitor Trace Identifier Mismatch. |
| Displayed name | OTU-TIM reaction |
| OSS name | timReaction |
| Read-only | no |
| Tab Panel | General TTI |
| Type | ethernetequipment.OTUTimReaction |

Rate
Table 3-3942 Rate

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

SD Threshold**Table 3-3943 SD Threshold**

| Name | Value |
|----------------|--|
| Default | yes:7 |
| Description | Specifies the bit error rate(BER) threshold used to determine when to raise and clear otuBerSd/fecSd alarms. |
| Displayed name | SD Threshold |
| Maximum | 9 |
| Minimum | 5 |
| OSS name | sdThreshold |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |
| Units | 1/10E-n bits received |

SF Threshold**Table 3-3944 SF Threshold**

| Name | Value |
|----------------|--|
| Default | yes:5 |
| Description | Specifies the bit error rate(BER) threshold used to determine when to raise and clear otuBerSf/fecSf alarms. |
| Displayed name | SF Threshold |
| Maximum | 6 |

Table 3-3944 SF Threshold (continued)

| Name | Value |
|-------------|-----------------------|
| Minimum | 3 |
| OSS name | sfThreshold |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |
| Units | 1/10E-n bits received |

SF-SD Method**Table 3-3945 SF-SD Method**

| Name | Value |
|----------------|---|
| Default | yes:fec |
| Description | Specifies the method on which to detect Signal Failure and Signal Degradation |
| Displayed name | SF-SD Method |
| OSS name | sfsdMethod |
| Read-only | no |
| Tab Panel | General General |
| Type | ethernetequipment.SFSDMethod |

Site ID**Table 3-3946 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name
Table 3-3947 Site Name

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

TP ID**Table 3-3948 TP ID**

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | TP ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Transmitter Mode**Table 3-3949 Transmitter Mode**

| Name | Value |
|----------------|---|
| Default | yes:auto |
| Description | Specifies the type of transmitted Trail Trace Identifier (TTI) for the Section Monitoring (SM) in the OTU overhead. |
| Displayed name | Transmitter Mode |
| OSS name | txTtiMode |
| Read-only | no |

Table 3-3949 Transmitter Mode (continued)

| Name | Value |
|-------------|------------------------------|
| Tab Panel | General TTI |
| Type | ethernetequipment.OTUTtiMode |

Transmitter String

Table 3-3950 Transmitter String

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Description | OTU Transmitted TTI. |
| Displayed name | Transmitter String |
| Maximum | 192 |
| Minimum | 0 |
| OSS name | txTti |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

OTUk parameters

Administrative State

Table 3-3951 Administrative State

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Administrative state of the interface. It may be used to suppress the alarms or disable consequent actions on the entity. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.XcState |

AINS Countdown
Table 3-3952 AINS Countdown

| Name | Value |
|----------------|--|
| Description | Number of seconds until the OTUk AINS DebounceTime expires. {BR} If OTUk AINS is false or OTUk AINS Debounce Time is 0, the value of this attribute will be 0. |
| Displayed name | AINS Countdown |
| OSS name | ainsDebounceTimeRemaining |
| Read-only | yes |
| Tab Panel | States AINS |
| Type | STRING |
| Units | HH:MM |

AINS State**Table 3-3953 AINS State**

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Description | AINS state of the interface. |
| Displayed name | AINS State |
| OSS name | ainsState |
| Read-only | no |
| Tab Panel | States AINS |
| Type | BOOL |

AINS Timer**Table 3-3954 AINS Timer**

| Name | Value |
|----------------|--|
| Description | This attribute must be set in multiples of 60s. {BR} It is equal to System AINS Debounce Time when OTUk AINS Use System Default is true. {BR} Setting the OTUk AINS Debounce Time and OTUk AINS Use System Default to true in the same set request is restricted. {BR} Current configurable range: 1m to 96h 0m. |
| Displayed name | AINS Timer |
| OSS name | ainsDebounceTime |
| Read-only | no |
| Tab Panel | States AINS |

Table 3-3954 AINS Timer (continued)

| Name | Value |
|-------|--------|
| Type | STRING |
| Units | HH:MM |

Alarm Profile**Table 3-3955 Alarm Profile**

| Name | Value |
|----------------|---------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Assigned Rate**Table 3-3956 Assigned Rate**

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Asymmetric Interworking Enabled**Table 3-3957 Asymmetric Interworking Enabled**

| Name | Value |
|----------------|--|
| Description | OtuK Asymmetric interworking mode.OtukAsymInterworking |
| Displayed name | Asymmetric Interworking Enabled |
| OSS name | otukAsymInterworking |
| Read-only | no |
| Tab Panel | General General |

Table 3-3957 Asymmetric Interworking Enabled (continued)

| Name | Value |
|------|-------|
| Type | BOOL |

Consequent Action Loopback**Table 3-3958 Consequent Action Loopback**

| Name | Value |
|----------------|--|
| Default | yes:enabled |
| Description | Specifies whether a consequent action is performed in the context of loopback switching. |
| Displayed name | Consequent Action Loopback |
| OSS name | consActionLoopback |
| Read-only | no |
| Tab Panel | General Test/Analysis |
| Type | optical.AluWdmEnabledDisabled |

Ctp ID**Table 3-3959 Ctp ID**

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Expected DAPI
Table 3-3960 Expected DAPI

| Name | Value |
|----------------|---|
| Description | The DAPI expected by the receiver. This object has no effect when timDetMode has the value off(1) or dapi(2). {BR} DAPI: Destination Access Point Identifier. |
| Displayed name | Expected DAPI |
| Maximum | 31 |
| Minimum | 0 |
| OSS name | expectedDapi |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

Facility Loopback**Table 3-3961 Facility Loopback**

| Name | Value |
|----------------|-----------------------|
| Description | Facility Loopback. |
| Displayed name | Facility Loopback |
| OSS name | facilityLoopback |
| Read-only | no |
| Tab Panel | General Test/Analysis |
| Type | BOOL |

FEC Enabled**Table 3-3962 FEC Enabled**

| Name | Value |
|----------------|--|
| Description | Forward Error Correction Enabled Mode. |
| Displayed name | FEC Enabled |
| OSS name | fecEnable |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.FecEnable |

FEC Mode
Table 3-3963 FEC Mode

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Specifies what type of Forward Error Correction (FEC) has been enabled on the port. |
| Displayed name | FEC Mode |
| OSS name | fecMode |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.FecMode |

Incoming DAPI**Table 3-3964 Incoming DAPI**

| Name | Value |
|----------------|---------------|
| Displayed name | Incoming DAPI |
| OSS name | rxDapi |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | STRING |

Incoming OS**Table 3-3965 Incoming OS**

| Name | Value |
|----------------|-------------|
| Displayed name | Incoming OS |
| OSS name | rxOs |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | STRING |

Incoming SAPI
Table 3-3966 Incoming SAPI

| Name | Value |
|----------------|---------------|
| Displayed name | Incoming SAPI |
| OSS name | rxSapi |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | STRING |

Incoming TTI Status**Table 3-3967 Incoming TTI Status**

| Name | Value |
|----------------|---------------------|
| Displayed name | Incoming TTI Status |
| OSS name | incTtiStatus |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | STRING |

Layer Type**Table 3-3968 Layer Type**

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.LayerType |

Management Access Domain**Table 3-3969 Management Access Domain**

| Name | Value |
|---------|-------------|
| Default | yes:unknown |

Table 3-3969 Management Access Domain (continued)

| Name | Value |
|--------------------------|---|
| Description | Management Access Domain determines how the facility is managed (i.e. to which manager assigned). |
| Displayed name | Management Access Domain |
| OSS name | mgmtAccessDomain |
| Read-only | yes |
| Tab Panel | General General |
| Type | MgmtAccessDomains |
| Enumerated types: | |
| Control Plane | |
| Management Plane | |
| Mixed Plane | |
| None | |

Name**Table 3-3970 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Operational Capability**Table 3-3971 Operational Capability**

| Name | Value |
|----------------|------------------------|
| Default | yes:disabled |
| Displayed name | Operational Capability |
| OSS name | operationalCapability |
| Read-only | yes |

Table 3-3971 Operational Capability (continued)

| Name | Value |
|-------------|-------------------------------|
| Tab Panel | States General |
| Type | optical.OperationalCapability |

Operational State**Table 3-3972 Operational State**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:unknown |
| Description | Operational state of the interface. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.XcState |

OTU Expected TTI**Table 3-3973 OTU Expected TTI**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Description | OTU Expected TTI. |
| Displayed name | OTU Expected TTI |
| Maximum | 31 |
| Minimum | 0 |
| OSS name | exTti |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

OTU Incoming TTI
Table 3-3974 OTU Incoming TTI

| Name | Value |
|----------------|-------------------|
| Description | OTU incoming TTI. |
| Displayed name | OTU Incoming TTI |
| OSS name | incomingTti |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | STRING |

OTU Rate**Table 3-3975 OTU Rate**

| Name | Value |
|----------------|--|
| Description | OtuK Rate displayed as a numeric value. Example : 10.709 |
| Displayed name | OTU Rate |
| OSS name | rate |
| Read-only | yes |
| Tab Panel | General General |
| Type | optical.OtuRate |
| Units | Gbps |

OTU Transmitted TTI**Table 3-3976 OTU Transmitted TTI**

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Description | OTU Transmitted TTI. |
| Displayed name | OTU Transmitted TTI |
| Maximum | 31 |
| Minimum | 0 |
| OSS name | txTti |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

OTU TTI Comparison
Table 3-3977 OTU TTI Comparison

| Name | Value |
|----------------|--------------------------|
| Description | OTU TIM detection mode. |
| Displayed name | OTU TTI Comparison |
| OSS name | timDetMode |
| Read-only | no |
| Tab Panel | General TTI |
| Type | optical.TimDetectionMode |

OTU TTI Mismatch Response**Table 3-3978 OTU TTI Mismatch Response**

| Name | Value |
|----------------|-----------------------------|
| Description | OTU TIM consequence action. |
| Displayed name | OTU TTI Mismatch Response |
| OSS name | timActEnabled |
| Read-only | no |
| Tab Panel | General TTI |
| Type | BOOL |

OTU TTI Status**Table 3-3979 OTU TTI Status**

| Name | Value |
|----------------|-------------------|
| Description | OTU TTI status. |
| Displayed name | OTU TTI Status |
| OSS name | tTiStatus |
| Read-only | yes |
| Tab Panel | General TTI |
| Type | optical.TTiStatus |

Post-FEC BER**Table 3-3980 Post-FEC BER**

| Name | Value |
|----------------|-----------------|
| Displayed name | Post-FEC BER |
| OSS name | postFecBER |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Pre-FEC BER**Table 3-3981 Pre-FEC BER**

| Name | Value |
|----------------|-----------------|
| Displayed name | Pre-FEC BER |
| OSS name | preFecBER |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Primary State**Table 3-3982 Primary State**

| Name | Value |
|----------------|--------------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.PrimaryStateType |

Secondary State**Table 3-3983 Secondary State**

| Name | Value |
|---------|-----------------|
| Default | yes:unspecified |

Table 3-3983 Secondary State (continued)

| Name | Value |
|----------------|----------------------------|
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | optical.SecondaryStateType |

Signal Degradate Burst Interval

Table 3-3984 Signal Degradate Burst Interval

| Name | Value |
|----------------|---|
| Description | Burst Interval specifies the number of consecutive bad seconds (see parameter BRSTTH) to be detected before declaring a signal degrade defect (SDBER) on the ODU path layer. The defect is cleared if BRSTINTVL consecutive good seconds (see parameter BRSTTH) are detected. |
| Displayed name | Signal Degradate Burst Interval |
| Maximum | 10 |
| Minimum | 2 |
| OSS name | signalDegradateBurstInterval |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Signal Degradate Burst Threshold

Table 3-3985 Signal Degradate Burst Threshold

| Name | Value |
|----------------|--|
| Description | Burst Threshold specifies a number of errored blocks on the ODU path layer. A second is declared as good if the number of detected errored blocks within one second is less than BRSTTH; otherwise the second is declared as bad second. |
| Displayed name | Signal Degradate Burst Threshold |
| Maximum | 856388 |
| Minimum | 1 |
| OSS name | signalDegradateBurstThreshold |
| Read-only | no |
| Tab Panel | General General |

Table 3-3985 Signal Degrade Burst Threshold (continued)

| Name | Value |
|------|-------|
| Type | INT |

Site ID**Table 3-3986 Site ID**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site ID**Table 3-3987 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-3988 Site Name**

| Name | Value |
|----------------|-----------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |

Table 3-3988 Site Name (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-3989 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

State Qualifier**Table 3-3990 State Qualifier**

| Name | Value |
|----------------|------------------------|
| Displayed name | State Qualifier |
| OSS name | stateQualifier |
| Read-only | yes |
| Tab Panel | States General |
| Type | optical.StateQualifier |

TCA Profile**Table 3-3991 TCA Profile**

| Name | Value |
|----------------|-------------------|
| Displayed name | TCA Profile |
| OSS name | tcaProfilePointer |

Table 3-3991 TCA Profile (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Terminal Loopback**Table 3-3992 Terminal Loopback**

| Name | Value |
|----------------|-----------------------|
| Description | Terminal Loopback. |
| Displayed name | Terminal Loopback |
| OSS name | terminalLoopback |
| Read-only | no |
| Tab Panel | General Test/Analysis |
| Type | BOOL |

Transmit DAPI**Table 3-3993 Transmit DAPI**

| Name | Value |
|----------------|--|
| Description | Transmitted Trail Trace Identifier (TTI), Transmit Destination Access Point Identifier |
| Displayed name | Transmit DAPI |
| Maximum | 31 |
| Minimum | 0 |
| OSS name | txDapi |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

Transmit OS**Table 3-3994 Transmit OS**

| Name | Value |
|-------------|---|
| Description | Transmitted Trail Trace Identifier (TTI), Transmit Source Access Point Identifier |

Table 3-3994 Transmit OS (continued)

| Name | Value |
|----------------|-------------|
| Displayed name | Transmit OS |
| Maximum | 65 |
| Minimum | 0 |
| OSS name | txOs |
| Read-only | no |
| Tab Panel | General TTI |
| Type | STRING |

Use System AINS Timer

Table 3-3995 Use System AINS Timer

| Name | Value |
|----------------|--|
| Description | Using System AINS Debounce Time. Sets with a value of false are restricted. {BR} The network operator must set OTUk AINS Debounce Time to some valid value to disable the use of System AINS Debounce Time. {BR} Setting the OTUk AINS Debounce Time and OTUk AINS Use System Default to true in the same set request is restricted. |
| Displayed name | Use System AINS Timer |
| OSS name | usingSysAinsDebounceTime |
| Read-only | no |
| Tab Panel | States AINS |
| Type | BOOL |

Physical Port parameters

Access Domain

Table 3-3996 Access Domain

| Name | Value |
|----------------|---|
| Default | yes:unknown |
| Description | Management Access Domain determines how the facility is managed (i.e. to which manager assigned). |
| Displayed name | Access Domain |
| OSS name | mgmtAccessDomain |
| Read-only | yes |

Table 3-3996 Access Domain (continued)

| Name | Value |
|-------------|---------------------------|
| Tab Panel | Port Specifics.General OT |
| Type | oth.MgmtAccessDomains |

Access Weight**Table 3-3997 Access Weight**

| Name | Value |
|----------------|---|
| Default | yes:50 |
| Displayed name | Access Weight |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | egressAccessWeight |
| Read-only | no |
| Tab Panel | General Hybrid Egress Buffer Allocation |
| Type | INT |

Access Weight**Table 3-3998 Access Weight**

| Name | Value |
|----------------|--|
| Default | yes:50 |
| Displayed name | Access Weight |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | ingressAccessWeight |
| Read-only | no |
| Tab Panel | General Hybrid Ingress Buffer Allocation |
| Type | INT |

Accounting Policy**Table 3-3999 Accounting Policy**

| Name | Value |
|----------------|-------------------------------|
| Default | yes: |
| Displayed name | Accounting Policy |
| OSS name | accountingPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Accounting |
| Type | POINTER |

Accounting Policy**Table 3-4000 Accounting Policy**

| Name | Value |
|----------------|--------------------------------------|
| Default | yes: |
| Displayed name | Accounting Policy |
| OSS name | etherAccountingPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Ethernet Accounting |
| Type | POINTER |

Actual Module Type**Table 3-4001 Actual Module Type**

| Name | Value |
|----------------|--------------------------------|
| Description | The actual XFP or SFP type. |
| Displayed name | Actual Module Type |
| OSS name | actualPortXfpType |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | XfpType |

Actual Speed**Table 3-4002 Actual Speed**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Actual Speed |
| OSS name | actualSpeed |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |
| Units | kbps |

Actual Tilt**Table 3-4003 Actual Tilt**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | Applies to the signal port of the amplifier card. |
| Displayed name | Actual Tilt |
| OSS name | ampPortActualtilt |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Actual Tilt**Table 3-4004 Actual Tilt**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | Applies to the signal port of the amplifier card. |
| Displayed name | Actual Tilt |
| OSS name | ampPortActualtilt |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |

Table 3-4004 Actual Tilt (continued)

| Name | Value |
|-------|-------|
| Units | dB |

Add**Table 3-4005 Add**

| Name | Value |
|----------------|---|
| Default | yes:unspecified |
| Description | The current disposition of the port in the AD to SIG direction. |
| Displayed name | Add |
| OSS name | currentAddDisposition |
| Read-only | no |
| Tab Panel | Port Specifics.General AD Port Details |
| Type | AddDropDisposition |

Add Path Wavelength Tracker Decoder Usage**Table 3-4006 Add Path Wavelength Tracker Decoder Usage**

| Name | Value |
|----------------|---|
| Description | The type of WTD used ingress. |
| Displayed name | Add Path Wavelength Tracker Decoder Usage |
| OSS name | powerMgmtWtdUsageTypeIn |
| Read-only | no |
| Tab Panel | Port Specifics.General Wavelength Tracker Decoder Usage |
| Type | WtdUsageType |

Additional Operational State**Table 3-4007 Additional Operational State**

| Name | Value |
|----------------|------------------------------|
| Default | yes:portUnknown |
| Displayed name | Additional Operational State |
| OSS name | additionalOperState |
| Read-only | yes |

Table 3-4007 Additional Operational State (continued)

| Name | Value |
|--------------------------|------------------|
| Tab Panel | States General |
| Type | OperationalState |
| Enumerated types: | |
| Booting | |
| Degraded | |
| Diagnosing | |
| Disabled | |
| Down | |
| Downgrade | |
| Empty | |
| Enabled | |
| Failed | |
| In Service Downgrade | |
| In Service Upgrade | |
| Indeterminate | |
| Invalid Connection | |
| No Link | |
| Not Present | |
| Not Relevant | |
| Provisioned | |
| Reserved | |
| Reset Pending | |
| Shutting Down | |
| Soft Reset | |
| Testing | |
| Transition | |
| Unknown | |
| Unprovisioned | |
| Unsupported SFF | |
| Up | |
| Upgrade | |

Administrative State**Table 3-4008 Administrative State**

| Name | Value |
|--------------------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General Equipment |
| Type | AdministrativeState |
| Enumerated types: | |
| Diagnose | |
| Down | |
| Locked | |
| Maintenance | |
| Not Relevant | |
| Operate Switch | |
| Shutting Down | |
| Unknown | |
| Unlocked | |
| Up | |

Administrative State**Table 3-4009 Administrative State**

| Name | Value |
|--------------------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | AdministrativeState |
| Enumerated types: | |
| Diagnose | |
| Down | |
| Locked | |

Table 3-4009 Administrative State (continued)

| Name | Value |
|----------------|-------|
| Maintenance | |
| Not Relevant | |
| Operate Switch | |
| Shutting Down | |
| Unknown | |
| Unlocked | |
| Up | |

Administrative State**Table 3-4010 Administrative State**

| Name | Value |
|----------------|--|
| Default | yes:unspecified |
| Displayed name | Administrative State |
| OSS name | facilityAdminState |
| Read-only | no |
| Tab Panel | Port Specifics.General Facility States |
| Type | equipment.AdministrativeState |

Aggregate Rate**Table 3-4011 Aggregate Rate**

| Name | Value |
|----------------|---|
| Default | yes:None |
| Description | Indicates the Aggregation Ethernet signal rate attached on the first lane of 112SDX11 client ports. |
| Displayed name | Aggregate Rate |
| OSS name | cpPortInfoAggrRate |
| Read-only | no |
| Tab Panel | Port Specifics.General 40GbE MLD |
| Type | PortAggregateRate |

AINS Countdown
Table 3-4012 AINS Countdown

| Name | Value |
|----------------|---|
| Description | Number of seconds until the Port AINS DebounceTime expires. If Port AINS is false or Port AINS Debounce Time is 0, the value of this attribute will be 0. |
| Displayed name | AINS Countdown |
| OSS name | apAinsDebounceTimeRemaining |
| Read-only | no |
| Tab Panel | Port Specifics.General AINS |
| Type | STRING |
| Units | HH:MM |

AINS Fault Criteria**Table 3-4013 AINS Fault Criteria**

| Name | Value |
|----------------|---|
| Description | AINSCRIT, determines the fault criteria to leave the PMODE/SST state value AUTO/AINS. |
| Displayed name | AINS Fault Criteria |
| OSS name | ainsCrit |
| Read-only | no |
| Tab Panel | Port Specifics.General AINS |
| Type | AinsCritType |

AINS Timer**Table 3-4014 AINS Timer**

| Name | Value |
|----------------|---|
| Description | This attribute must be set in multiples of 60s. It is equal to System AINS Debounce Time when Port AINS Use System Default is true. Setting the Port AINS Debounce Time and Port AINS Use System Default to true in the same set request is restricted. Current configurable range: 1m to 96h 0m. 0 is a valid value. |
| Displayed name | AINS Timer |
| OSS name | apAinsDebounceTime |
| Read-only | no |
| Tab Panel | Port Specifics.General AINS |
| Type | STRING |

Table 3-4014 AINS Timer (continued)

| Name | Value |
|-------|-------|
| Units | HH:MM |

AIS Mode**Table 3-4015 AIS Mode**

| Name | Value |
|----------------|--|
| Description | AIS Mode |
| Displayed name | AIS Mode |
| OSS name | syncEBitsPortOutputAISMode |
| Read-only | no |
| Tab Panel | Port Specifics.General BITS Attributes |
| Type | SyncEBitsPortOutputAISMode |

Alarm Profile**Table 3-4016 Alarm Profile**

| Name | Value |
|----------------|--|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | Port Specifics.General BITS Attributes |
| Type | POINTER |

Alarm Profile**Table 3-4017 Alarm Profile**

| Name | Value |
|----------------|--|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | POINTER |

Alarm Profile**Table 3-4018 Alarm Profile**

| Name | Value |
|----------------|--------------------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | POINTER |

Alarm Profile**Table 3-4019 Alarm Profile**

| Name | Value |
|----------------|---------------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | POINTER |

Allocated Adjustment Time**Table 3-4020 Allocated Adjustment Time**

| Name | Value |
|----------------|---|
| Description | This is used to enter the length of enablement time for the OMS section. The unit is in 100s of ms. Value of -1 means not configured. Current configurable range: -1 to 35999 |
| Displayed name | Allocated Adjustment Time |
| OSS name | powerMgmtPortGainAdjTimerLength |
| Read-only | no |
| Tab Panel | Port Specifics.General Gain Adjustment Settings |
| Type | STRING |
| Units | HH:MM:SS |

Allowed Gain Delta
Table 3-4021 Allowed Gain Delta

| Name | Value |
|----------------|----------------------------------|
| Default | yes:-99.0 |
| Description | EPT - delta max. |
| Displayed name | Allowed Gain Delta |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | ampPortPowerDeltaMax |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Allowed Gain Delta**Table 3-4022 Allowed Gain Delta**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | EPT - delta max. |
| Displayed name | Allowed Gain Delta |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | ampPortPowerDeltaMax |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

APR Delay Enabled**Table 3-4023 APR Delay Enabled**

| Name | Value |
|----------------|--|
| Description | The auto power recovery hold off time. |
| Displayed name | APR Delay Enabled |

Table 3-4023 APR Delay Enabled (continued)

| Name | Value |
|-------------|----------------------------------|
| OSS name | ampPortAprHoldOffTime |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | PortAprHoldOffTime |

APR Delay Enabled**Table 3-4024 APR Delay Enabled**

| Name | Value |
|----------------|--|
| Default | yes:no |
| Description | The auto power recovery hold off time. |
| Displayed name | APR Delay Enabled |
| OSS name | wssPortAprHoldOffTime |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | PortAprHoldOffTime |

APR Disabled**Table 3-4025 APR Disabled**

| Name | Value |
|----------------|----------------------------------|
| Description | The Auto Power Recovery Disable. |
| Displayed name | APR Disabled |
| OSS name | ampPortAprDisable |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | BOOL |

APR Mode**Table 3-4026 APR Mode**

| Name | Value |
|---------|----------|
| Default | yes:auto |

Table 3-4026 APR Mode (continued)

| Name | Value |
|----------------|----------------------------------|
| Description | APR Mode for ASWG/A4PSWG cards. |
| Displayed name | APR Mode |
| OSS name | ampPortAprMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | PortAprType |

APR Mode**Table 3-4027 APR Mode**

| Name | Value |
|----------------|--|
| Default | yes:auto |
| Description | APR Mode for ASWG/A4PSWG cards. |
| Displayed name | APR Mode |
| OSS name | ampPortAprMode |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | PortAprType |

APR Mode**Table 3-4028 APR Mode**

| Name | Value |
|----------------|---|
| Default | yes:auto |
| Description | Indicates APR mode. |
| Displayed name | APR Mode |
| OSS name | rmnPortAprMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | PortAprType |

ASE Mode**Table 3-4029 ASE Mode**

| Name | Value |
|----------------|--|
| Description | When ASE Mode is set to No, the WebUI will set Operating Mode=gain(2)When ASE Mode is set to Yes, the SAM will set Operating Mode=power(1) If Operating Mode = disabled(3), the SAM will display ASE Mode? = Not Set. Power Setting is only applicable when ASE Mode? = Yes. |
| Displayed name | ASE Mode |
| OSS name | ampASEMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | ASEMode |

ASE Mode**Table 3-4030 ASE Mode**

| Name | Value |
|----------------|--|
| Description | When ASE Mode is set to No, the WebUI will set Operating Mode=gain(2)When ASE Mode is set to Yes, the SAM will set Operating Mode=power(1) If Operating Mode = disabled(3), the SAM will display ASE Mode? = Not Set. Power Setting is only applicable when ASE Mode? = Yes. |
| Displayed name | ASE Mode |
| OSS name | ampASEMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Connectivity Testing |
| Type | ASEMode |

ASE Output Power**Table 3-4031 ASE Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The ASE noise power out of the Raman LINEOUT port. |
| Displayed name | ASE Output Power |
| OSS name | rmnPortAsePowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |

Table 3-4031 ASE Output Power (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | dBm |

ASE Output Power**Table 3-4032 ASE Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The ASE noise power out of the Raman LINEOUT port. |
| Displayed name | ASE Output Power |
| OSS name | rmnPortAsePowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | FLOAT |
| Units | dBm |

Assigned Rate**Table 3-4033 Assigned Rate**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:unassigned |
| Description | Used for the GUI only. |
| Displayed name | Assigned Rate |
| OSS name | assignedRateForGui |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | AssignedRate |

Associated LD Line Port**Table 3-4034 Associated LD Line Port**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-4034 Associated LD Line Port (continued)

| Name | Value |
|----------------|--|
| Description | Specifies the assigned LD port that is connected to the OTDR port. |
| Displayed name | Associated LD Line Port |
| OSS name | associatedLDLinePort |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection |
| Type | STRING |

Asymmetric Interworking Enabled

Table 3-4035 Asymmetric Interworking Enabled

| Name | Value |
|----------------|-----------------------------------|
| Description | ODU0/ODU3/ODU4 interworking mode. |
| Displayed name | Asymmetric Interworking Enabled |
| OSS name | oduInterworkingMode |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | BOOL |

Attenuation

Table 3-4036 Attenuation

| Name | Value |
|----------------|---|
| Default | yes:0.0 |
| Description | Sets attenuation value in attenuation mode. |
| Displayed name | Attenuation |
| Maximum | 10.0 |
| Minimum | 0.0 |
| OSS name | attenuationModeAtten |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | FLOAT |
| Units | dB |

Attenuation**Table 3-4037 Attenuation**

| Name | Value |
|----------------|--|
| Default | yes:0.0 |
| Description | Hybrid amplifier port VOA attenuation. |
| Displayed name | Attenuation |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | hybridPortVoaAttenuation |
| Read-only | no |
| Tab Panel | Port Specifics.General Mid EVOA Attributes |
| Type | FLOAT |
| Units | dB |

Auto Gain Adjustment Enabled**Table 3-4038 Auto Gain Adjustment Enabled**

| Name | Value |
|----------------|--|
| Description | This is used to configure line behaviour: false - no auto adjusts, true - will enable adjustments, or do auto adjustments. |
| Displayed name | Auto Gain Adjustment Enabled |
| OSS name | powerMgmtPortInGainAdjAutoEnabled |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | BOOL |

Auto Negotiation**Table 3-4039 Auto Negotiation**

| Name | Value |
|----------------|---|
| Description | The auto negotiation status. |
| Displayed name | Auto Negotiation |
| OSS name | gpPortAutoNegotiation |
| Read-only | no |
| Tab Panel | Port Specifics.General Gigabit Ethernet |

Table 3-4039 Auto Negotiation (continued)

| Name | Value |
|------|-----------------|
| Type | DisabledEnabled |

Auto Provisioning**Table 3-4040 Auto Provisioning**

| Name | Value |
|----------------|--|
| Description | ON - Auto provisioning Allowed in that slot position. {BR} OFF - Auto provisioning Not-Allowed in that slot position |
| Displayed name | Auto Provisioning |
| OSS name | autoProvisioning |
| Read-only | yes |
| Tab Panel | Port Specifics.General Autoprovisioning Functionality |
| Type | AutoProvCapability |

Auto Tilt Adjustment Enabled**Table 3-4041 Auto Tilt Adjustment Enabled**

| Name | Value |
|----------------|--|
| Description | If this value is true and line is OADM, controls updates of the channel set information used for SRS Adjustment. Value automatically updates at lines that pull the channel information from upstream. |
| Displayed name | Auto Tilt Adjustment Enabled |
| OSS name | powerMgmtPortSRSTiltAdjAutoEnabled |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | BOOL |

Auto Tilt Maintenance Mode Enabled**Table 3-4042 Auto Tilt Maintenance Mode Enabled**

| Name | Value |
|----------------|---|
| Description | A line parameter that sets SCOT into a maintenance mode where the auto adjustment triggers are not sent, and the receiving lines do not respond to auto triggers. |
| Displayed name | Auto Tilt Maintenance Mode Enabled |

Table 3-4042 Auto Tilt Maintenance Mode Enabled (continued)

| Name | Value |
|-------------|-------------------------------------|
| OSS name | powerMgmtPortSRSTiltMaintenanceMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | BOOL |

Automatic VLAN Binding**Table 3-4043 Automatic VLAN Binding**

| Name | Value |
|----------------|------------------------|
| Default | yes:true |
| Displayed name | Automatic VLAN Binding |
| OSS name | vlanAutoBind |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Available Bandwidth**Table 3-4044 Available Bandwidth**

| Name | Value |
|----------------|--|
| Description | Available bandwidth for 11DPGE12/11DPE12E ports. |
| Displayed name | Available Bandwidth |
| Maximum | 10000 |
| Minimum | 0 |
| OSS name | availableBandwidth |
| Read-only | no |
| Tab Panel | Port Specifics.General Ethernet |
| Type | INT |
| Units | Mbps |

Available Egress Bandwidth
Table 3-4045 Available Egress Bandwidth

| Name | Value |
|----------------|---|
| Description | Available Egress bandwidth for 11DPGE12/11DPE12E ports. |
| Displayed name | Available Egress Bandwidth |
| Maximum | 10000 |
| Minimum | 0 |
| OSS name | availableEgressBandwidth |
| Read-only | no |
| Tab Panel | Port Specifics.General Ethernet |
| Type | INT |
| Units | Mbps |

Available Ingress Bandwidth**Table 3-4046 Available Ingress Bandwidth**

| Name | Value |
|----------------|--|
| Description | Available Ingress bandwidth for 11DPGE12/11DPE12E ports. |
| Displayed name | Available Ingress Bandwidth |
| Maximum | 10000 |
| Minimum | 0 |
| OSS name | availableIngressBandwidth |
| Read-only | no |
| Tab Panel | Port Specifics.General Ethernet |
| Type | INT |
| Units | Mbps |

Average Add Insertion Loss**Table 3-4047 Average Add Insertion Loss**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The add insertion loss. This will be supported on all input to output flows. |
| Displayed name | Average Add Insertion Loss |
| OSS name | avgAddInsertionLoss |

Table 3-4047 Average Add Insertion Loss (continued)

| Name | Value |
|-------------|--------------------------------|
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | FLOAT |
| Units | dB |

Average Drop Insertion Loss**Table 3-4048 Average Drop Insertion Loss**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The drop insertion loss. This will be supported on all input to output flows. |
| Displayed name | Average Drop Insertion Loss |
| OSS name | avgDropInsertionLoss |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | FLOAT |
| Units | dB |

Background Diagnostics Fault Reason**Table 3-4049 Background Diagnostics Fault Reason**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Displayed name | Background Diagnostics Fault Reason |
| OSS name | backgroundDiagnosticsFaultReason |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Background Diagnostics State
Table 3-4050 Background Diagnostics State

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:unknown |
| Displayed name | Background Diagnostics State |
| OSS name | backgroundDiagnosticsState |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | BackgroundDiagnosticsStateType |
| Enumerated types: | |
| Critical Fault Detected | |
| Fault Detected | |
| N/A | |
| Ok | |
| Unknown | |

Cable Delay Correction (ns)**Table 3-4051 Cable Delay Correction (ns)**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:0 |
| Description | Cable Delay Correction |
| Displayed name | Cable Delay Correction (ns) |
| Maximum | 100000000 |
| Minimum | 0 |
| OSS name | cableDelayCorrection |
| Read-only | no |
| Tab Panel | Port Specifics.General TOD Attributes |
| Type | LONG |

Channel**Table 3-4052 Channel**

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 3-4052 Channel (continued)

| Name | Value |
|----------------|--------------|
| Displayed name | Channel |
| OSS name | dwdmChannel |
| Read-only | no |
| Tab Panel | General DWDM |
| Type | INT |

Channel Spacing(GHZ)**Table 3-4053 Channel Spacing(GHZ)**

| Name | Value |
|----------------|---|
| Description | This Specifies the channel spacing to use for line ports. 1 - 100GHz 2 - 50GHz. |
| Displayed name | Channel Spacing(GHZ) |
| OSS name | nwPortChannelSpacing |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | ChannelSpacing |

Class**Table 3-4054 Class**

| Name | Value |
|--------------------------|-----------------|
| Default | yes:none |
| Displayed name | Class |
| OSS name | portClass |
| Read-only | yes |
| Tab Panel | General General |
| Type | PortClass |
| Enumerated types: | |
| 10 Gigabit Ethernet | |
| 100 Gigabit Ethernet | |
| 40 Gigabit Ethernet | |
| DSL | |
| Fast Ethernet | |

Table 3-4054 Class (continued)

| Name | Value |
|-------------------------|-------|
| Gigabit Ethernet | |
| GPON | |
| GPS | |
| None | |
| Radio | |
| Serial | |
| SONET | |
| SONET Channel | |
| TDM | |
| Variable Speed Ethernet | |
| Virtual Port | |
| Voice | |
| VSM Ethernet | |
| WDM | |

Clear GMRE Topology Alarm**Table 3-4055 Clear GMRE Topology Alarm**

| Name | Value |
|----------------|--|
| Description | Clears ASON topology connectivity alarm. |
| Displayed name | Clear GMRE Topology Alarm |
| OSS name | asonTopoClearAlarm |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | BOOL |

CLEI**Table 3-4056 CLEI**

| Name | Value |
|----------------|------------|
| Description | Port CLEI. |
| Displayed name | CLEI |
| OSS name | portClei |

Table 3-4056 CLEI (continued)

| Name | Value |
|-------------|----------------------------------|
| Read-only | no |
| Tab Panel | Port Specifics.General Inventory |
| Type | STRING |

CLEI Code**Table 3-4057 CLEI Code**

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General Equipment Location Codes |
| Type | STRING |

CLI Name**Table 3-4058 CLI Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | CLI Name |
| Maximum | 252 |
| OSS name | portName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Collect Accounting Statistics
Table 3-4059 Collect Accounting Statistics

| Name | Value |
|----------------|-------------------------------|
| Default | yes:true |
| Displayed name | Collect Accounting Statistics |
| OSS name | collectStats |
| Read-only | no |
| Tab Panel | Policies.General Accounting |
| Type | BOOL |

Collect Accounting Statistics**Table 3-4060 Collect Accounting Statistics**

| Name | Value |
|----------------|--------------------------------------|
| Default | yes:false |
| Displayed name | Collect Accounting Statistics |
| OSS name | etherCollectStats |
| Read-only | no |
| Tab Panel | Policies.General Ethernet Accounting |
| Type | BOOL |

Combiner**Table 3-4061 Combiner**

| Name | Value |
|----------------|---|
| Default | yes:disable |
| Description | Enable/Disable Combiner(SD)function on MPT. |
| Displayed name | Combiner |
| OSS name | mptCombiner |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | LONG |

Commissioning Completed**Table 3-4062 Commissioning Completed**

| Name | Value |
|----------------|--|
| Description | Each external OSC card port whose power management mode setting is Automatic has a Power Management Commissioned Flag. When commissioning is completed these flags are set to complete by users. |
| Displayed name | Commissioning Completed |
| OSS name | powerMgmtIsCommissioned |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | BOOL |

Company ID**Table 3-4063 Company ID**

| Name | Value |
|----------------|----------------------------------|
| Description | Port Company ID. |
| Displayed name | Company ID |
| OSS name | portCompanyId |
| Read-only | no |
| Tab Panel | Port Specifics.General Inventory |
| Type | STRING |

Compatibility Mode**Table 3-4064 Compatibility Mode**

| Name | Value |
|----------------|---|
| Default | yes:default |
| Description | This parameter is used to set the compatible mode of the OTU2 port. default: The port operates in the default mode which is supported by all 12xGE cards except the 11DPE12. 11DPE12: The port operates in the 11DPE12 interworking mode. |
| Displayed name | Compatibility Mode |
| OSS name | portConfigCompatibilityMode |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | PortConfigCompatibilityMode |

Compensation Module
Table 3-4065 Compensation Module

| Name | Value |
|----------------|---|
| Description | The parameter specifies the properties w.r.t. compensation modules. |
| Displayed name | Compensation Module |
| OSS name | compensationModule |
| Read-only | yes |
| Tab Panel | Port Specifics.General OT |
| Type | CompensationModule |

Configured MAC**Table 3-4066 Configured MAC**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Configured MAC |
| OSS name | macAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | MACADDR |

Connected From**Table 3-4067 Connected From**

| Name | Value |
|----------------|---|
| Description | External port far end address that points to this port. |
| Displayed name | Connected From |
| Maximum | 64 |
| OSS name | apFarEndAddrFrom |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection |
| Type | STRING |

Connected From**Table 3-4068 Connected From**

| Name | Value |
|----------------|---|
| Description | External port far end address that points to this port. |
| Displayed name | Connected From |
| OSS name | apFarEndIfIndexFromDisplay |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection |
| Type | STRING |

Connected From**Table 3-4069 Connected From**

| Name | Value |
|----------------|---|
| Description | PTP Sig port connected from |
| Displayed name | Connected From |
| OSS name | ptpSigConnectedFromPort |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection Information |
| Type | POINTER |

Connected LD OTDR Port**Table 3-4070 Connected LD OTDR Port**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the assigned LD port that is connected to the OTDR port. |
| Displayed name | Connected LD OTDR Port |
| OSS name | connectedLDOTDRPort |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection |
| Type | POINTER |

Connected To**Table 3-4071 Connected To**

| Name | Value |
|----------------|---|
| Description | Address of the external port to which this port is connected. |
| Displayed name | Connected To |
| Maximum | 64 |
| OSS name | apFarEndAddr |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection |
| Type | STRING |

Connected To**Table 3-4072 Connected To**

| Name | Value |
|----------------|---|
| Description | External port far end address that points to this port. |
| Displayed name | Connected To |
| OSS name | apFarEndIfIndexDisplay |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection |
| Type | STRING |

Connected To**Table 3-4073 Connected To**

| Name | Value |
|----------------|---|
| Description | PTP Sig port connected to |
| Displayed name | Connected To |
| OSS name | ptpSigConnectedToPort |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection Information |
| Type | POINTER |

Connected To Port**Table 3-4074 Connected To Port**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Sets reference to degree input port when MVAC port used external. |
| Displayed name | Connected To Port |
| OSS name | connToPort |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | POINTER |

Connected Type From**Table 3-4075 Connected Type From**

| Name | Value |
|----------------|---|
| Description | Indicates whether an internal/external port is pointing to this port. |
| Displayed name | Connected Type From |
| OSS name | apFarEndTypeFrom |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection |
| Type | FarEndType |

Connected Type To**Table 3-4076 Connected Type To**

| Name | Value |
|----------------|---|
| Description | Indicates if this port is connected to another internal port or an external port. |
| Displayed name | Connected Type To |
| OSS name | apFarEndType |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection |
| Type | FarEndType |

Connection Monitoring End Point Mode
Table 3-4077 Connection Monitoring End Point Mode

| Name | Value |
|----------------|--|
| Default | yes:bypass |
| Description | Connection monitoring End Point Mode |
| Displayed name | Connection Monitoring End Point Mode |
| OSS name | connectionMonitoringEndPointMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Delay Measurement |
| Type | oth.CMEPMode |

Connection Retry Count**Table 3-4078 Connection Retry Count**

| Name | Value |
|----------------|---|
| Description | The number of consecutive retries that cnLinkAutoStateSourceIP is un-reachable when cnLinkCitAutoStateCtrl is true, which results in CIT port to be auto-enabled. |
| Displayed name | Connection Retry Count |
| Maximum | 10000 |
| Minimum | 5 |
| OSS name | cnLinkSourceLossCount |
| Read-only | no |
| Tab Panel | Port Specifics.General Auto-Disable port Status |
| Type | LONG |

Connection Retry Interval**Table 3-4079 Connection Retry Interval**

| Name | Value |
|----------------|--|
| Description | The interval to contact cnLinkAutoStateSourceIP when cnLinkCitAutoStateCtrl is true. |
| Displayed name | Connection Retry Interval |
| Maximum | 7200 |
| Minimum | 10 |
| OSS name | cnLinkSourceIPCheckInterval |
| Read-only | no |

Table 3-4079 Connection Retry Interval (continued)

| Name | Value |
|-------------|---|
| Tab Panel | Port Specifics.General Auto-Disable port Status |
| Type | LONG |
| Units | seconds |

Consequent Action Loopback**Table 3-4080 Consequent Action Loopback**

| Name | Value |
|----------------|--|
| Default | yes:enabled |
| Description | Specifies whether a consequent action is performed in the context of loopback switching. |
| Displayed name | Consequent Action Loopback |
| OSS name | consActionLoopback |
| Read-only | no |
| Tab Panel | Port Specifics.General Test/Analysis |
| Type | AluWdmEnabledDisabled |

Consequent Actions Performed**Table 3-4081 Consequent Actions Performed**

| Name | Value |
|----------------|---|
| Description | Determines if the consequent actions are performed if a Trace Identifier Mismatch defect (dTIM) is detected |
| Displayed name | Consequent Actions Performed |
| OSS name | trcConsAct |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | BOOL |

Container**Table 3-4082 Container**

| Name | Value |
|-------------|------------------------------------|
| Description | Define Client port Container Type. |

Table 3-4082 Container (continued)

| Name | Value |
|----------------|---------------------------|
| Displayed name | Container |
| OSS name | cpContainer |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | Container |

Containing Equipment Status

Table 3-4083 Containing Equipment Status

| Name | Value |
|--------------------------|-----------------------------|
| Default | yes:indeterminate |
| Displayed name | Containing Equipment Status |
| OSS name | containingEquipmentState |
| Read-only | yes |
| Tab Panel | States General |
| Type | ContainingEquipmentState |
| Enumerated types: | |
| Admin Down | |
| Equipment In Test | |
| N/A | |
| OK | |
| Oper Down | |
| Removed | |
| Type Mismatch | |

Cost Metric

Table 3-4084 Cost Metric

| Name | Value |
|----------------|-------------------------------------|
| Description | The Traffic eng metric of the link. |
| Displayed name | Cost Metric |
| Maximum | 65535 |
| Minimum | 1 |

Table 3-4084 Cost Metric (continued)

| Name | Value |
|-------------|-----------------------------|
| OSS name | cnTeMetric |
| Read-only | no |
| Tab Panel | Port Specifics.General OSPF |
| Type | LONG |

CrossRegen Partner Port**Table 3-4085 CrossRegen Partner Port**

| Name | Value |
|----------------|--------------------------------------|
| Description | Cross reg partner port of Line Port. |
| Displayed name | CrossRegen Partner Port |
| OSS name | lpCrossRegPartner |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | CrossRegPartner |

CSF Laser Consequent Action**Table 3-4086 CSF Laser Consequent Action**

| Name | Value |
|----------------|---|
| Description | This parameter defines the Consequent Action in case of CSF for port-port applications. |
| Displayed name | CSF Laser Consequent Action |
| OSS name | csfLaserConsequentAction |
| Read-only | no |
| Tab Panel | Port Specifics.General Gigabit Ethernet |
| Type | ConsequentActionType |

Current Key Info**Table 3-4087 Current Key Info**

| Name | Value |
|----------------|----------------------------------|
| Description | Port Encryption CurrentKey Info. |
| Displayed name | Current Key Info |

Table 3-4087 Current Key Info (continued)

| Name | Value |
|-------------|--|
| Maximum | 256 |
| Minimum | 0 |
| OSS name | currentKeyInfo |
| Read-only | no |
| Tab Panel | Port Specifics.General Encryption Management |
| Type | STRING |

Data Bearer Details**Table 3-4088 Data Bearer Details**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Pointer to gmpls.Databearer instance discovered through the CORBA interface. Applicable if this is the port is being used as a databearer. |
| Displayed name | Data Bearer Details |
| OSS name | dataBearerPointer |
| Read-only | yes |
| Tab Panel | Port Specifics.General ASON Control Plane - Data Bearer |
| Type | POINTER |

Date**Table 3-4089 Date**

| Name | Value |
|----------------|----------------------------------|
| Description | Port Date. |
| Displayed name | Date |
| OSS name | portDate |
| Read-only | no |
| Tab Panel | Port Specifics.General Inventory |
| Type | STRING |

DDM Event Suppression
Table 3-4090 DDM Event Suppression

| Name | Value |
|----------------|-----------------------|
| Default | yes:false |
| Displayed name | DDM Event Suppression |
| OSS name | ddmEventSuppression |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Dead Interval**Table 3-4091 Dead Interval**

| Name | Value |
|----------------|--|
| Description | The router dead interval of the link. For 1830, the range is (1..'FFFF'h). This value must be greater than or equal to hello interval value. |
| Displayed name | Dead Interval |
| Maximum | 65535 |
| Minimum | 2 |
| OSS name | cnRtrDeadInterval |
| Read-only | no |
| Tab Panel | Port Specifics.General OSPF |
| Type | LONG |
| Units | seconds |

Decommissioned**Table 3-4092 Decommissioned**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:false |
| Displayed name | Decommissioned |
| OSS name | isDecommissioned |
| Read-only | yes |
| Tab Panel | General Port Decommission Info |
| Type | BOOL |

Default VLAN
Table 3-4093 Default VLAN

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | Applicable to Telco 7250 only, default VLAN for the port |
| Displayed name | Default VLAN |
| Maximum | 4092 |
| Minimum | 1 |
| OSS name | vlan |
| Read-only | no |
| Tab Panel | General VLAN Info |
| Type | INT |

Defect Holdoff Timer**Table 3-4094 Defect Holdoff Timer**

| Name | Value |
|----------------|---|
| Description | Line port consequent action (whether AIS insertion or laser off) must be delayed by a hold-off timer. |
| Displayed name | Defect Holdoff Timer |
| OSS name | IpDefectHoldoffTimer |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | DisabledEnabled |

Defect Holdoff Timer**Table 3-4095 Defect Holdoff Timer**

| Name | Value |
|----------------|---|
| Description | Line port consequent action (whether AIS insertion or laser off) must be delayed by a hold-off timer. |
| Displayed name | Defect Holdoff Timer |
| OSS name | IpLineDefectHoldoffTimer |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |

Table 3-4095 Defect Holdoff Timer (continued)

| Name | Value |
|------|-----------------|
| Type | DisabledEnabled |

Description**Table 3-4096 Description**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 256 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Description**Table 3-4097 Description**

| Name | Value |
|----------------|---|
| Default | no |
| Description | This property is specific to AOS family |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | portAccessDescription |
| Read-only | no |
| Tab Panel | General Service Access Info |
| Type | STRING |

DHCP IP Range**Table 3-4098 DHCP IP Range**

| Name | Value |
|----------------|---|
| Description | Control Network DHCP range. Current configurable range: 0 to 10 |
| Displayed name | DHCP IP Range |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | cnDhcpRange |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | INT |

DHCP Server Enabled**Table 3-4099 DHCP Server Enabled**

| Name | Value |
|----------------|---|
| Description | Control Network DHCP server configured. |
| Displayed name | DHCP Server Enabled |
| OSS name | cnDhcpServer |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | BOOL |

Direction**Table 3-4100 Direction**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:0 |
| Description | Direction |
| Displayed name | Direction |
| OSS name | direction |
| Read-only | no |
| Tab Panel | Port Specifics.General TOD Attributes |
| Type | PtpTodDirection |

Direction**Table 3-4101 Direction**

| Name | Value |
|----------------|--|
| Description | Port Direction Specifier |
| Displayed name | Direction |
| OSS name | syncEBitsPortDirection |
| Read-only | no |
| Tab Panel | Port Specifics.General BITS Attributes |
| Type | SyncEBitsPortDirection |

Disable Port Automatically**Table 3-4102 Disable Port Automatically**

| Name | Value |
|----------------|---|
| Description | false - System is not in auto_state. CIT enable/disable is done by ifAdminStatus. true - System is in auto_state. CIT enable/disable is done by the connectivity status of source_ip. The CIT port will be disabled when the source IP is reachable and enabled when source IP becomes un-reachable. Provisioning of this attribute is restricted to administrators only. |
| Displayed name | Disable Port Automatically |
| OSS name | cnLinkCitAutoStateCtrl |
| Read-only | no |
| Tab Panel | Port Specifics.General Auto-Disable port Status |
| Type | BOOL |

Distribute Default Gateway via DHCP**Table 3-4103 Distribute Default Gateway via DHCP**

| Name | Value |
|----------------|--|
| Description | Indicates if default gateway IP address is distributed via DHCP on this interface. |
| Displayed name | Distribute Default Gateway via DHCP |
| OSS name | cnDhcpGateway |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | BOOL |

DM Current Status**Table 3-4104 DM Current Status**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Delay measurement - current status |
| Displayed name | DM Current Status |
| OSS name | delayMeasurementCurrentStatus |
| Read-only | yes |
| Tab Panel | Port Specifics.General Delay Measurement |
| Type | oth.DMCurrentStatus |

DM Current Value**Table 3-4105 DM Current Value**

| Name | Value |
|----------------|--|
| Description | Delay measurement - current value |
| Displayed name | DM Current Value |
| OSS name | delayMeasurementCurrentValue |
| Read-only | yes |
| Tab Panel | Port Specifics.General Delay Measurement |
| Type | FLOAT |
| Units | us |

Drop**Table 3-4106 Drop**

| Name | Value |
|----------------|---|
| Default | yes:unspecified |
| Description | The current disposition of the port in the SIG to AD direction. |
| Displayed name | Drop |
| OSS name | currentDropDisposition |
| Read-only | no |
| Tab Panel | Port Specifics.General AD Port Details |
| Type | AddDropDisposition |

Drop Path Target Power

Table 3-4107 Drop Path Target Power

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The following description applies to the colorless port of the CWR8-88 card: The drop target power |
| Displayed name | Drop Path Target Power |
| Maximum | -4 |
| Minimum | -26.5 |
| OSS name | cwrPortDropTargetPower |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Drop Path Wavelength Tracker Decoder Usage

Table 3-4108 Drop Path Wavelength Tracker Decoder Usage

| Name | Value |
|----------------|---|
| Description | The type of WTD used egress. |
| Displayed name | Drop Path Wavelength Tracker Decoder Usage |
| OSS name | powerMgmtWtdUsageTypeOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Wavelength Tracker Decoder Usage |
| Type | WtdUsageType |

DTV Amplitude

Table 3-4109 DTV Amplitude

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Reports the current DTV amplitude value. If the module is not present, it returns -1. |
| Displayed name | DTV Amplitude |
| OSS name | lpDTVPortValueAmplitude |
| Read-only | no |

Table 3-4109 DTV Amplitude (continued)

| Name | Value |
|-------------|----------------------------|
| Tab Panel | Port Specifics.General DTV |
| Type | STRING |

DTV Control Enabled**Table 3-4110 DTV Control Enabled**

| Name | Value |
|----------------|---|
| Default | yes:disabled |
| Description | When this is set to disabled, the DTV amplitude will be reset to the default value. |
| Displayed name | DTV Control Enabled |
| OSS name | IpDTVControlEnabled |
| Read-only | no |
| Tab Panel | Port Specifics.General DTV |
| Type | AluWdmEnabledDisabled |

DTV Phase**Table 3-4111 DTV Phase**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Reports the current DTV phase value. If the module is not present, it returns -1. |
| Displayed name | DTV Phase |
| OSS name | IpDTVPortValuePhase |
| Read-only | no |
| Tab Panel | Port Specifics.General DTV |
| Type | STRING |

E1 Frame Format**Table 3-4112 E1 Frame Format**

| Name | Value |
|-------------|---------------------------|
| Default | yes:1 |
| Description | Indicates the E1T1 format |

Table 3-4112 E1 Frame Format (continued)

| Name | Value |
|----------------|--|
| Displayed name | E1 Frame Format |
| OSS name | frameFormat |
| Read-only | no |
| Tab Panel | Port Specifics.General E1/T1 Specifics |
| Type | E1T1FrameFormatType |

Egress Percentage of Rate**Table 3-4113 Egress Percentage of Rate**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:100 |
| Displayed name | Egress Percentage of Rate |
| Maximum | 1000 |
| Minimum | 0 |
| OSS name | portEgrPoolPercentageRate |
| Read-only | no |
| Tab Panel | General Port Percentage Rates |
| Type | INT |
| Units | % |

Egress Pool Policy**Table 3-4114 Egress Pool Policy**

| Name | Value |
|----------------|---------------------------|
| Default | yes: |
| Displayed name | Egress Pool Policy |
| OSS name | portEgrNamedPoolPlcy |
| Read-only | no |
| Tab Panel | General Named Buffer Pool |
| Type | POINTER |

Egress Timing Mode

Table 3-4115 Egress Timing Mode

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | Indicates E1T1 client egress timing mode |
| Displayed name | Egress Timing Mode |
| OSS name | egressTimingMode |
| Read-only | no |
| Tab Panel | Port Specifics.General E1/T1 Specifics |
| Type | E1T1ClientEgressTimingModeType |

Embedded ODU Facility Type

Table 3-4116 Embedded ODU Facility Type

| Name | Value |
|----------------|----------------------------|
| Description | Embedded ODU FacilityType. |
| Displayed name | Embedded ODU Facility Type |
| OSS name | oduFacilityType |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | EmbeddedODUFacilityType |

Enable DEI

Table 3-4117 Enable DEI

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether or not the port is enabled for color-aware policing using DEI bits. |
| Displayed name | Enable DEI |
| OSS name | enableDei |
| Read-only | no |
| Tab Panel | General Enable DEI |
| Type | BOOL |

Encapsulation Mode

Table 3-4118 Encapsulation Mode

| Name | Value |
|----------------|--------------------------------------|
| Description | The packet interface type. |
| Displayed name | Encapsulation Mode |
| OSS name | gpPortPacketIfType |
| Read-only | no |
| Tab Panel | Port Specifics.General Fiber Channel |
| Type | IfType |

Encapsulation Mode

Table 3-4119 Encapsulation Mode

| Name | Value |
|----------------|---|
| Description | The packet interface type. |
| Displayed name | Encapsulation Mode |
| OSS name | gpPortPacketIfType |
| Read-only | no |
| Tab Panel | Port Specifics.General Gigabit Ethernet |
| Type | IfType |

Encapsulation Type

Table 3-4120 Encapsulation Type

| Name | Value |
|--------------------------|--------------------|
| Default | yes:nullEncap |
| Displayed name | Encapsulation Type |
| OSS name | encapType |
| Read-only | no |
| Tab Panel | General General |
| Type | PortEncapType |
| Enumerated types: | |
| ATM | |
| BCP Dot1 Q | |
| BCP Null | |

Table 3-4120 Encapsulation Type (continued)

| Name | Value |
|------------|-------|
| CEM | |
| Cisco HDLC | |
| Dot1 Q | |
| FR | |
| HDLC | |
| IPCP | |
| MPLS | |
| N/A | |
| Null | |
| PPP Auto | |
| Q in Q | |
| WAN Mirror | |

Encoder Fault Active**Table 3-4121 Encoder Fault Active**

| Name | Value |
|----------------|---|
| Description | The parameter specifies whether there is a power convergence failure or {BR} other fault which would disable power control for the Wavetracker encoder. |
| Displayed name | Encoder Fault Active |
| OSS name | encoderFaultActive |
| Read-only | yes |
| Tab Panel | Port Specifics.General OT |
| Type | BOOL |

Equipped**Table 3-4122 Equipped**

| Name | Value |
|----------------|------------|
| Default | yes:false |
| Displayed name | Equipped |
| OSS name | isEquipped |
| Read-only | yes |

Table 3-4122 Equipped (continued)

| Name | Value |
|-------------|----------------|
| Tab Panel | States General |
| Type | BOOL |

Errored Frame Drop Mode**Table 3-4123 Errored Frame Drop Mode**

| Name | Value |
|----------------|---|
| Description | The errored frame drop status. |
| Displayed name | Errored Frame Drop Mode |
| OSS name | gpPortErroredFrameDrop |
| Read-only | no |
| Tab Panel | Port Specifics.General Gigabit Ethernet |
| Type | DisabledEnabled |

Expected J0**Table 3-4124 Expected J0**

| Name | Value |
|----------------|------------------------------------|
| Default | yes: |
| Description | RSMON Egress port expected tti. |
| Displayed name | Expected J0 |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | rsmonEgrExTti |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | STRING |

Expected J0**Table 3-4125 Expected J0**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-4125 Expected J0 (continued)

| Name | Value |
|----------------|----------------------------------|
| Description | RSMON Ingress port expected TTI. |
| Displayed name | Expected J0 |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | rsmonIngrExTti |
| Read-only | no |
| Tab Panel | Port Specifics.General CBR2G5 |
| Type | STRING |

Expected J0**Table 3-4126 Expected J0**

| Name | Value |
|----------------|------------------------------------|
| Default | yes: |
| Description | RSMON Ingress port expected TTI. |
| Displayed name | Expected J0 |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | rsmonIngrExTti |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | STRING |

Expected Maximum Gain**Table 3-4127 Expected Maximum Gain**

| Name | Value |
|----------------|----------------------------|
| Default | yes:-99.0 |
| Description | The maximum gain expected. |
| Displayed name | Expected Maximum Gain |
| Maximum | 25 |
| Minimum | 0 |
| OSS name | rmnPortGMaxExpected |

Table 3-4127 Expected Maximum Gain (continued)

| Name | Value |
|-------------|------------------------------|
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dB |

Expected Maximum Gain**Table 3-4128 Expected Maximum Gain**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The maximum gain expected. |
| Displayed name | Expected Maximum Gain |
| Maximum | 25 |
| Minimum | 0 |
| OSS name | rmnPortGMaxExpected |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | FLOAT |
| Units | dB |

Expected Minimum Gain**Table 3-4129 Expected Minimum Gain**

| Name | Value |
|----------------|------------------------------|
| Default | yes:-99.0 |
| Description | The minimum gain expected. |
| Displayed name | Expected Minimum Gain |
| Maximum | 25 |
| Minimum | 0 |
| OSS name | rmnPortGMinExpected |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |

Table 3-4129 Expected Minimum Gain (continued)

| Name | Value |
|-------|-------|
| Units | dB |

Expected Minimum Gain**Table 3-4130 Expected Minimum Gain**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The minimum gain expected. |
| Displayed name | Expected Minimum Gain |
| Maximum | 25 |
| Minimum | 0 |
| OSS name | rmnPortGMinExpected |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | FLOAT |
| Units | dB |

Expected Network Output Power**Table 3-4131 Expected Network Output Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The programmed AC output power of the port (EVOA), measured in mBm. It is the power of the full optical signal. Current configurable range: -2000 to -300 (CAD or COF) -2000 to 200 (2.5 Gig transponders) -2000 to 400 (10 Gig and 40 Gig non-coherent transponders) -2000 to -550 (4 Gig dual port transponders) -1700 to 400 (40 Gig and 100 Gig coherent transponders). |
| Displayed name | Expected Network Output Power |
| Maximum | 4 |
| Minimum | -20 |
| OSS name | waveKeyEncodeProgrammedNwOutputPower |
| Read-only | no |
| Step | 0.01 |
| Tab Panel | Port Specifics.General Wave Key Encode |

Table 3-4131 Expected Network Output Power (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | dBm |

Expected Trace**Table 3-4132 Expected Trace**

| Name | Value |
|----------------|------------------------------------|
| Description | Expected section trace message |
| Displayed name | Expected Trace |
| Maximum | 31 |
| OSS name | trcExpected |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | STRING |

Express Channel Target Power**Table 3-4133 Express Channel Target Power**

| Name | Value |
|----------------|------------------------------|
| Default | yes:-9.00 |
| Displayed name | Express Channel Target Power |
| Maximum | 0.00 |
| Minimum | -20.0 |
| OSS name | expressTargetPower |
| Read-only | no |
| Step | 0.10 |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Extra Data
Table 3-4134 Extra Data

| Name | Value |
|----------------|----------------------------------|
| Description | Port Extra Info. |
| Displayed name | Extra Data |
| OSS name | portExtraData |
| Read-only | no |
| Tab Panel | Port Specifics.General Inventory |
| Type | STRING |

Facility AINS**Table 3-4135 Facility AINS**

| Name | Value |
|----------------|-----------------------------|
| Displayed name | Facility AINS |
| OSS name | facilityAins |
| Read-only | no |
| Tab Panel | Port Specifics.General AINS |
| Type | BOOL |

Facility Loopback**Table 3-4136 Facility Loopback**

| Name | Value |
|----------------|--------------------------------------|
| Description | Facility Loopback. |
| Displayed name | Facility Loopback |
| OSS name | facilityLoopback |
| Read-only | no |
| Tab Panel | Port Specifics.General Test/Analysis |
| Type | BOOL |

Factory ID**Table 3-4137 Factory ID**

| Name | Value |
|----------------|----------------------------------|
| Description | Port Factory ID. |
| Displayed name | Factory ID |
| OSS name | portFactoryId |
| Read-only | no |
| Tab Panel | Port Specifics.General Inventory |
| Type | STRING |

FC Mode**Table 3-4138 FC Mode**

| Name | Value |
|----------------|--------------------------------------|
| Description | The fiber channel mode. |
| Displayed name | FC Mode |
| OSS name | gpPortPacketFcMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Fiber Channel |
| Type | FcMode |

FEC Mode**Table 3-4139 FEC Mode**

| Name | Value |
|----------------|---|
| Description | The OCH OTU FEC mode. Depending on the port rate this can be OTU1 FEC Mode/OTU2 FEC Mode/OTU3 FEC Mode/OTU4 FEC Mode. |
| Displayed name | FEC Mode |
| OSS name | otuFecMode |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | FecMode |

Fiber Type
Table 3-4140 Fiber Type

| Name | Value |
|----------------|------------------------------|
| Description | Indicates the fiber type. |
| Displayed name | Fiber Type |
| OSS name | rmnPortFiberType |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | PortFiberType |

Fiber Type**Table 3-4141 Fiber Type**

| Name | Value |
|----------------|---|
| Description | Indicates the fiber type. |
| Displayed name | Fiber Type |
| OSS name | rmnPortFiberType |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | PortFiberType |

Firmware Revision Status**Table 3-4142 Firmware Revision Status**

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:notApplicable |
| Displayed name | Firmware Revision Status |
| OSS name | hwFirmwareRevisionStatus |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | HwFirmwareRevisionStatusTypes |
| Enumerated types: | |
| Acceptable | |
| Not Acceptable | |
| Not Applicable | |

Table 3-4142 Firmware Revision Status (continued)

| Name | Value |
|-----------------|-------|
| Upgrade Pending | |
| Upgrading | |

Flow Control Enabled**Table 3-4143 Flow Control Enabled**

| Name | Value |
|----------------|--|
| Default | yes:enabled |
| Description | The attribute is used to enable/disable flow control (PAUSE frame processing) on the port. |
| Displayed name | Flow Control Enabled |
| OSS name | flowControlEnabled |
| Read-only | no |
| Tab Panel | Port Specifics.General Ethernet |
| Type | DisabledEnabled |

Flow Control Mode**Table 3-4144 Flow Control Mode**

| Name | Value |
|----------------|---|
| Description | Flow control mode selection. |
| Displayed name | Flow Control Mode |
| OSS name | flowControlMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Gigabit Ethernet |
| Type | GBFlowControlMode |

Force Routing Add**Table 3-4145 Force Routing Add**

| Name | Value |
|----------------|---|
| Description | Set disposition of ALL channels to a given AD/ADT port in add direction. Use endForceAddDisposition to cancel and revert to blocked. This attribute returns to notForced when force is ended. |
| Displayed name | Force Routing Add |

Table 3-4145 Force Routing Add (continued)

| Name | Value |
|-------------|--------------------------------------|
| OSS name | forceAllChannelsAddDisposition |
| Read-only | no |
| Tab Panel | Port Specifics.General Test/Analysis |
| Type | AddDropDisposition |

Force Routing Add/Drop**Table 3-4146 Force Routing Add/Drop**

| Name | Value |
|----------------|--|
| Description | Set desired target routing for forcing disposition of add and drop directions to given port. Use executeForceDisposition to execute switch to this targeted routing. |
| Displayed name | Force Routing Add/Drop |
| OSS name | targetForForceDisposition |
| Read-only | no |
| Tab Panel | Port Specifics.General Test/Analysis |
| Type | AddDropDisposition |

Force Routing Drop**Table 3-4147 Force Routing Drop**

| Name | Value |
|----------------|---|
| Description | Set disposition of ALL channels to a given AD/ADT port in drop direction. Use endForceDropDisposition to cancel and revert to blocked. This attribute returns to notForced when force is ended. |
| Displayed name | Force Routing Drop |
| OSS name | forceAllChannelsDropDisposition |
| Read-only | no |
| Tab Panel | Port Specifics.General Test/Analysis |
| Type | AddDropDisposition |

Frequency
Table 3-4148 Frequency

| Name | Value |
|----------------|---|
| Description | The programmed ITU channel. |
| Displayed name | Frequency |
| OSS name | nwPortProgrammedChannel |
| Read-only | no |
| Tab Panel | Port Specifics.General General Attributes |
| Type | ITUChannel |

Function**Table 3-4149 Function**

| Name | Value |
|----------------|--|
| Description | Port Function Type. |
| Displayed name | Function |
| OSS name | function |
| Read-only | no |
| Tab Panel | Port Specifics.General Encryption Management |
| Type | FunctionType |

Gain**Table 3-4150 Gain**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | Applies to the signal port of the amplifier card. |
| Displayed name | Gain |
| Maximum | 33 |
| Minimum | 6 |
| OSS name | ampPortPowerGain |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

Gain**Table 3-4151 Gain**

| Name | Value |
|----------------|------------------------------|
| Default | yes:-99.0 |
| Description | The current operating gain. |
| Displayed name | Gain |
| Maximum | 25 |
| Minimum | 0 |
| OSS name | rmnPortGain |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dB |

Gain**Table 3-4152 Gain**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The current operating gain. |
| Displayed name | Gain |
| Maximum | 25 |
| Minimum | 0 |
| OSS name | rmnPortGain |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | FLOAT |
| Units | dB |

Gain Range**Table 3-4153 Gain Range**

| Name | Value |
|-------------|-----------------------------------|
| Default | yes:low |
| Description | Gain range for ASWG/A4PSWG cards. |

Table 3-4153 Gain Range (continued)

| Name | Value |
|----------------|----------------------------------|
| Displayed name | Gain Range |
| OSS name | ampPortGainRange |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | PortGainType |

Gain Range

Table 3-4154 Gain Range

| Name | Value |
|----------------|--|
| Default | yes:low |
| Description | Gain range for ASWG/A4PSWG cards. |
| Displayed name | Gain Range |
| OSS name | ampPortGainRange |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | PortGainType |

Gain Setting

Table 3-4155 Gain Setting

| Name | Value |
|----------------|--|
| Default | yes:15.00 |
| Description | Configures the gain setting for signal gain.The operating mode tnAarPortConfigOperating-Mode must be configured to Gain prior to setting the gain. Only use for test purposes.Current configurable range:1000 to 2000. |
| Displayed name | Gain Setting |
| Maximum | 20.00 |
| Minimum | 10.00 |
| OSS name | ampGainSetting |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Gain Setting

Table 3-4156 Gain Setting

| Name | Value |
|----------------|--|
| Default | yes:15.00 |
| Description | Configures the gain setting for signal gain. The operating mode <code>tnAarPortConfigOperating-Mode</code> must be configured to Gain prior to setting the gain. Only use for test purposes. Current configurable range: 1000 to 2000. |
| Displayed name | Gain Setting |
| Maximum | 20.00 |
| Minimum | 10.00 |
| OSS name | ampGainSetting |
| Read-only | no |
| Tab Panel | Port Specifics.General Connectivity Testing |
| Type | FLOAT |
| Units | dB |

Gain Tilt

Table 3-4157 Gain Tilt

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | Current OA tilt setting for the signal port of the amplifier card. |
| Displayed name | Gain Tilt |
| OSS name | ampPortGainTilt |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Gain Tilt

Table 3-4158 Gain Tilt

| Name | Value |
|-------------|--|
| Default | yes:-99.0 |
| Description | Current OA tilt setting for the signal port of the amplifier card. |

Table 3-4158 Gain Tilt (continued)

| Name | Value |
|----------------|--|
| Displayed name | Gain Tilt |
| OSS name | ampPortGainTilt |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

GCC Channel Status**Table 3-4159 GCC Channel Status**

| Name | Value |
|----------------|----------------------------|
| Description | The GCC status. |
| Displayed name | GCC Channel Status |
| OSS name | gccPortStatus |
| Read-only | no |
| Tab Panel | Port Specifics.General GCC |
| Type | DisabledEnabled |

GCC MTU Size**Table 3-4160 GCC MTU Size**

| Name | Value |
|----------------|---|
| Default | yes:1473 |
| Description | The MTU size for GCC0 interface. The intent is to allow for interworking/standardization across multiple products. The default for the 11QPA4 is 1500, while it's 1473 for all other supported packs. The MTU size is allowed to be changed only when the provisioned packet type is set to std. If the packet type is changed from std to nonStd then the MTU size will automatically be changed by the software back to the pack's default value. |
| Displayed name | GCC MTU Size |
| Maximum | 1500 |
| Minimum | 576 |
| OSS name | gccMtuSize |
| Read-only | no |
| Tab Panel | Port Specifics.General GCC |

Table 3-4160 GCC MTU Size (continued)

| Name | Value |
|------|-------|
| Type | INT |

GCC Packet Type**Table 3-4161 GCC Packet Type**

| Name | Value |
|----------------|--|
| Default | yes:nonStd |
| Description | The GCC standard type. For the 11QPA4 pack, the default value is std and it cannot be changed. For all other supported packs, the default value is nonStd. |
| Displayed name | GCC Packet Type |
| OSS name | gccPacketType |
| Read-only | no |
| Tab Panel | Port Specifics.General GCC |
| Type | GccPacketType |

GCC Type**Table 3-4162 GCC Type**

| Name | Value |
|----------------|---------------------------------|
| Description | The GCC channel type provision. |
| Displayed name | GCC Type |
| OSS name | gccChannelType |
| Read-only | no |
| Tab Panel | Port Specifics.General GCC |
| Type | GccChannelType |

GFP CRC Framing**Table 3-4163 GFP CRC Framing**

| Name | Value |
|----------------|-----------------|
| Description | The Gfp CRC |
| Displayed name | GFP CRC Framing |
| OSS name | gpPortGfpCrc |

Table 3-4163 GFP CRC Framing (continued)

| Name | Value |
|-------------|---|
| Read-only | no |
| Tab Panel | Port Specifics.General Gigabit Ethernet |
| Type | GccPacketType |

Hardware Class

Table 3-4164 Hardware Class

| Name | Value |
|--------------------------|------------------------------|
| Default | no |
| Displayed name | Hardware Class |
| OSS name | hardwareClass |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | HardwareClassType |
| Enumerated types: | |
| External Alarm Input | |
| Fam | |
| N/A | |

Hardware MAC

Table 3-4165 Hardware MAC

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Hardware MAC |
| OSS name | hwMacAddress |
| Read-only | yes |
| Tab Panel | General General |
| Type | MACADDR |

HDSDI Rate
Table 3-4166 HDSDI Rate

| Name | Value |
|----------------|---|
| Description | HDSDI rate, which is compatible with existing NTSC systems. |
| Displayed name | HDSDI Rate |
| OSS name | cbrArPortHdsdiRate |
| Read-only | no |
| Tab Panel | Port Specifics.General HDSDI |
| Type | HdsdiRate |
| Units | Gbps |

Hello Interval**Table 3-4167 Hello Interval**

| Name | Value |
|----------------|---------------------------------|
| Description | The hello interval of the link. |
| Displayed name | Hello Interval |
| Maximum | 65534 |
| Minimum | 1 |
| OSS name | cnHelloInterval |
| Read-only | no |
| Tab Panel | Port Specifics.General OSPF |
| Type | LONG |
| Units | seconds |

Hold Time Down**Table 3-4168 Hold Time Down**

| Name | Value |
|----------------|----------------|
| Default | yes:0 |
| Displayed name | Hold Time Down |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | holdTimeDown |
| Read-only | no |

Table 3-4168 Hold Time Down (continued)

| Name | Value |
|-------------|-------------------|
| Tab Panel | General Hold Time |
| Type | INT |
| Units | seconds |

Hold Time Units**Table 3-4169 Hold Time Units**

| Name | Value |
|--------------------------|-------------------|
| Default | yes:0 |
| Displayed name | Hold Time Units |
| OSS name | holdTimeUnits |
| Read-only | no |
| Tab Panel | General Hold Time |
| Type | HoldTimeUnitsType |
| Enumerated types: | |
| | Centiseconds |
| | Seconds |

Hold Time Up**Table 3-4170 Hold Time Up**

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Hold Time Up |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | holdTimeUp |
| Read-only | no |
| Tab Panel | General Hold Time |
| Type | INT |
| Units | seconds |

Holding IGH**Table 3-4171 Holding IGH**

| Name | Value |
|----------------|------------------------------------|
| Default | yes: |
| Description | ECMP fate sharing group membership |
| Displayed name | Holding IGH |
| OSS name | memberOfIGH |
| Read-only | yes |
| Tab Panel | General IGH Membership |
| Type | POINTER |

HSM DA Egress Scheduler Policy**Table 3-4172 HSM DA Egress Scheduler Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the hsm da scheduler policy used by this port |
| Displayed name | HSM DA Egress Scheduler Policy |
| OSS name | portEgrHsm daSchedulerPolicy |
| Read-only | no |
| Tab Panel | Policies.General HSM DA Scheduler |
| Type | POINTER |

Incoming J0**Table 3-4173 Incoming J0**

| Name | Value |
|----------------|------------------------------------|
| Description | RSMON Egress port incoming TTI. |
| Displayed name | Incoming J0 |
| OSS name | rsmonEgrIncomingTti |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | STRING |

Incoming J0**Table 3-4174 Incoming J0**

| Name | Value |
|----------------|-------------------------------|
| Description | RSMON Ingress incoming TTI. |
| Displayed name | Incoming J0 |
| OSS name | rsmonIngrIncomingTti |
| Read-only | no |
| Tab Panel | Port Specifics.General CBR2G5 |
| Type | STRING |

Incoming J0**Table 3-4175 Incoming J0**

| Name | Value |
|----------------|------------------------------------|
| Description | RSMON Ingress incoming TTI. |
| Displayed name | Incoming J0 |
| OSS name | rsmonIngrIncomingTti |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | STRING |

Incoming J0 Status**Table 3-4176 Incoming J0 Status**

| Name | Value |
|----------------|------------------------------------|
| Description | RSMON Egress Port TTI status. |
| Displayed name | Incoming J0 Status |
| OSS name | rsmonEgrTtiStatus |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | TtiStatus |

Incoming J0 Status**Table 3-4177 Incoming J0 Status**

| Name | Value |
|----------------|--------------------------------|
| Description | RSMON Ingress Port TTI status. |
| Displayed name | Incoming J0 Status |
| OSS name | rsmonIngrTtiStatus |
| Read-only | no |
| Tab Panel | Port Specifics.General CBR2G5 |
| Type | TtiStatus |

Incoming J0 Status**Table 3-4178 Incoming J0 Status**

| Name | Value |
|----------------|------------------------------------|
| Description | RSMON Ingress Port TTI status. |
| Displayed name | Incoming J0 Status |
| OSS name | rsmonIngrTtiStatus |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | TtiStatus |

Ingress Percentage of Rate**Table 3-4179 Ingress Percentage of Rate**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:100 |
| Displayed name | Ingress Percentage of Rate |
| Maximum | 1000 |
| Minimum | 0 |
| OSS name | portIngrPoolPercentageRate |
| Read-only | no |
| Tab Panel | General Port Percentage Rates |
| Type | INT |
| Units | % |

Ingress Pool Policy
Table 3-4180 Ingress Pool Policy

| Name | Value |
|----------------|---------------------------|
| Default | yes: |
| Displayed name | Ingress Pool Policy |
| OSS name | portIngrNamedPoolPlyc |
| Read-only | no |
| Tab Panel | General Named Buffer Pool |
| Type | POINTER |

Initial Drop Channel Target Power**Table 3-4181 Initial Drop Channel Target Power**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:-8.00 |
| Displayed name | Initial Drop Channel Target Power |
| Maximum | 0.00 |
| Minimum | -20.0 |
| OSS name | dropInitTargetPower |
| Read-only | no |
| Step | 0.10 |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Initial Loss**Table 3-4182 Initial Loss**

| Name | Value |
|----------------|--|
| Default | yes:0.0 |
| Description | Hybrid amplifier port initial VOA attenuation. |
| Displayed name | Initial Loss |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | hybridPortInitialMidLoss |

Table 3-4182 Initial Loss (continued)

| Name | Value |
|-------------|--|
| Read-only | no |
| Tab Panel | Port Specifics.General Mid EVOA Attributes |
| Type | FLOAT |
| Units | dB |

Initial Target Gain**Table 3-4183 Initial Target Gain**

| Name | Value |
|----------------|--|
| Default | yes:10.0 |
| Description | Hybrid amplifier port initial AGC target gain. |
| Displayed name | Initial Target Gain |
| Maximum | 20 |
| Minimum | 2 |
| OSS name | hybridPortInitialAgcTargetGain |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | FLOAT |
| Units | dB |

Input LOS Threshold**Table 3-4184 Input LOS Threshold**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:-99.0 |
| Description | LOS Threshold for OMD Port. |
| Displayed name | Input LOS Threshold |
| Maximum | 20 |
| Minimum | -32 |
| OSS name | omdPortLosThreshold |
| Read-only | no |
| Tab Panel | Port Specifics.General OMD |
| Type | FLOAT |

Table 3-4184 Input LOS Threshold (continued)

| Name | Value |
|-------|-------|
| Units | dBm |

Input LOS threshold tolerance**Table 3-4185 Input LOS threshold tolerance**

| Name | Value |
|----------------|--|
| Default | yes:100 |
| Description | The tolerance for clearing LOS shutdown,above the set threshold.Current range:0 to 1000. |
| Displayed name | Input LOS threshold tolerance |
| Maximum | 1000 |
| Minimum | 0 |
| OSS name | ampInfoLosThresholdTol |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | INT |
| Units | dB |

Input LOS Threshold Tolerance**Table 3-4186 Input LOS Threshold Tolerance**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | This is the difference above the LOS set and clear points and applies to the SIG_IN of the OMD port of the SFC1, SFC2, SFC4, SFC8, SFD5, and SFD8 cards. |
| Displayed name | Input LOS Threshold Tolerance |
| Maximum | 6 |
| Minimum | 0 |
| OSS name | omdPortLosThresholdTolerance |
| Read-only | no |
| Tab Panel | Port Specifics.General OMD |
| Type | FLOAT |
| Units | dB |

Input Loss of Signal Threshold
Table 3-4187 Input Loss of Signal Threshold

| Name | Value |
|----------------|--|
| Default | yes:-2500 |
| Description | The threshold for going into LOS shutdown.Current range:-2700to 0. |
| Displayed name | Input Loss of Signal Threshold |
| Maximum | 0 |
| Minimum | -2700 |
| OSS name | ampInfoLosThreshold |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | INT |
| Units | dBm |

Input Power**Table 3-4188 Input Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The measured power at the SIG_IN of the OMD port. |
| Displayed name | Input Power |
| OSS name | omdPortRxPower |
| Read-only | no |
| Tab Panel | Port Specifics.General OMD |
| Type | FLOAT |
| Units | dBm |

Input Power**Table 3-4189 Input Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The received power in mBm. This is accessible from ports 2 and 3 (working or protected) exclusively. |
| Displayed name | Input Power |

Table 3-4189 Input Power (continued)

| Name | Value |
|-------------|----------------------------|
| OSS name | opsTxInputPower |
| Read-only | no |
| Tab Panel | Port Specifics.General OPS |
| Type | FLOAT |
| Units | dBm |

Input to Output Gain**Table 3-4190 Input to Output Gain**

| Name | Value |
|----------------|---|
| Default | yes:15.0 |
| Description | LINEOUT port of the uni-directional amplifier Card. |
| Displayed name | Input to Output Gain |
| OSS name | ampPortInputToOutputGain |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Input to Output Gain**Table 3-4191 Input to Output Gain**

| Name | Value |
|----------------|---|
| Default | yes:15.0 |
| Description | LINEOUT port of the uni-directional amplifier Card. |
| Displayed name | Input to Output Gain |
| OSS name | ampPortInputToOutputGain |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

Input to Output Gain
Table 3-4192 Input to Output Gain

| Name | Value |
|----------------|---|
| Default | yes:7.0 |
| Description | OA module gain - EVOA loss - SEEPROM loss of splitter. Reports the gain from sigIn to sigOut ports of the MESH4 card. |
| Displayed name | Input to Output Gain |
| OSS name | meshPortInputToOutputGain |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dB |

Interface Enabled**Table 3-4193 Interface Enabled**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:0 |
| Description | Interface Enabled |
| Displayed name | Interface Enabled |
| OSS name | interfaceEnabled |
| Read-only | no |
| Tab Panel | Port Specifics.General TOD Attributes |
| Type | PtpTodInterfaceEnabled |

Interface ID**Table 3-4194 Interface ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Interface ID |
| OSS name | snmpPortId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Internal Port is Valid XC Endpoint
Table 3-4195 Internal Port is Valid XC Endpoint

| Name | Value |
|----------------|--|
| Description | Indicates if this is an end point of internal OT cross connect |
| Displayed name | Internal Port is Valid XC Endpoint |
| OSS name | validInternalOTSXCEndPoint |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection |
| Type | BOOL |

IP Address**Table 3-4196 IP Address**

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | Control Network Link IpAddress. |
| Displayed name | IP Address |
| OSS name | cnIpAddr |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | INETADDR |

Is Primary Member**Table 3-4197 Is Primary Member**

| Name | Value |
|----------------|--------------------|
| Default | yes:false |
| Displayed name | Is Primary Member |
| OSS name | isPrimaryLagMember |
| Read-only | yes |
| Tab Panel | General LAG Info |
| Type | BOOL |

J0 Format**Table 3-4198 J0 Format**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:specific16Byte |
| Description | RSMON Egress TIMOD. |
| Displayed name | J0 Format |
| OSS name | rsmonEgrTimod |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | RsMonTimod |

J0 Format**Table 3-4199 J0 Format**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:specific16Byte |
| Description | RSMON Ingress TIMOD. |
| Displayed name | J0 Format |
| OSS name | rsmonIngrTimod |
| Read-only | no |
| Tab Panel | Port Specifics.General CBR2G5 |
| Type | RsMonTimod |

J0 Format**Table 3-4200 J0 Format**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:specific16Byte |
| Description | RSMON Ingress TIMOD. |
| Displayed name | J0 Format |
| OSS name | rsmonIngrTimod |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | RsMonTimod |

J0 Trace Comparison
Table 3-4201 J0 Trace Comparison

| Name | Value |
|----------------|-------------------------------|
| Description | RSMON Ingress TIM detection. |
| Displayed name | J0 Trace Comparison |
| OSS name | rsmonIngrTimDet |
| Read-only | no |
| Tab Panel | Port Specifics.General CBR2G5 |
| Type | BOOL |

J0 Trace Comparison**Table 3-4202 J0 Trace Comparison**

| Name | Value |
|----------------|------------------------------------|
| Description | RSMON Ingress TIM detection. |
| Displayed name | J0 Trace Comparison |
| OSS name | rsmonIngrTimDet |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | BOOL |

J0 Trace Comparison Enabled**Table 3-4203 J0 Trace Comparison Enabled**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:1 |
| Description | RSMON Egress Tim Detection. |
| Displayed name | J0 Trace Comparison Enabled |
| OSS name | rsmonEgrTimDet |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | RsMonEgrTimDetection |

J0 Trace Mismatch Response

Table 3-4204 J0 Trace Mismatch Response

| Name | Value |
|----------------|---------------------------------------|
| Description | RSMON Ingress TIM consequence action. |
| Displayed name | J0 Trace Mismatch Response |
| OSS name | rsmonIngrTimConsAction |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | DisabledEnabled |

J0 Trace Mismatch Response Enabled

Table 3-4205 J0 Trace Mismatch Response Enabled

| Name | Value |
|----------------|--------------------------------------|
| Default | yes:1 |
| Description | RSMON Egress Tim Consequence Action. |
| Displayed name | J0 Trace Mismatch Response Enabled |
| OSS name | rsmonEgrTimConsAction |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | RsMonEgrTimConsAction |

L2 Profile

Table 3-4206 L2 Profile

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Pointer to the L2 Profile Policy object. |
| Displayed name | L2 Profile |
| OSS name | l2ProfilePointer |
| Read-only | no |
| Tab Panel | Policies.General L2 Profile |
| Type | POINTER |

L2Uplink**Table 3-4207 L2Uplink**

| Name | Value |
|----------------|-----------------|
| Default | yes:false |
| Displayed name | L2Uplink |
| OSS name | isl2UplinkMode |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

LAG ID**Table 3-4208 LAG ID**

| Name | Value |
|----------------|------------------|
| Default | yes:0 |
| Displayed name | LAG ID |
| Maximum | 800 |
| Minimum | 0 |
| OSS name | lagMembershipId |
| Read-only | yes |
| Tab Panel | General LAG Info |
| Type | INT |

Laser Bias Current**Table 3-4209 Laser Bias Current**

| Name | Value |
|----------------|------------------------------|
| Description | OT Port Bias. |
| Displayed name | Laser Bias Current |
| OSS name | otPortBias |
| Read-only | no |
| Tab Panel | Port Specifics.General Laser |
| Type | INT |
| Units | mA |

Laser State**Table 3-4210 Laser State**

| Name | Value |
|----------------|------------------------------|
| Description | The laser state of OTU Port. |
| Displayed name | Laser State |
| OSS name | laserState |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | LosPropagation |

Laser Temperature**Table 3-4211 Laser Temperature**

| Name | Value |
|----------------|------------------------------|
| Description | OT Port Temperature. |
| Displayed name | Laser Temperature |
| OSS name | otPortTemperature |
| Read-only | no |
| Tab Panel | Port Specifics.General Laser |
| Type | INT |
| Units | C or F |

LBO**Table 3-4212 LBO**

| Name | Value |
|----------------|--|
| Displayed name | LBO |
| OSS name | syncEBitsPortLbo |
| Read-only | no |
| Tab Panel | Port Specifics.General BITS Attributes |
| Type | SyncEBitsPortLBO |

Line Code**Table 3-4213 Line Code**

| Name | Value |
|----------------|--|
| Displayed name | Line Code |
| OSS name | syncEBitsPortLineCode |
| Read-only | no |
| Tab Panel | Port Specifics.General BITS Attributes |
| Type | SyncEBitsPortLineCode |

Line Impedance**Table 3-4214 Line Impedance**

| Name | Value |
|----------------|--|
| Description | Line Impedance |
| Displayed name | Line Impedance |
| OSS name | syncEBitsPortLineImpedance |
| Read-only | no |
| Tab Panel | Port Specifics.General BITS Attributes |
| Type | SyncEImpedenceType |

Link Group ID**Table 3-4215 Link Group ID**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:notApplicable |
| Description | > Specifies the port ISL group Id. |
| Displayed name | Link Group ID |
| OSS name | islGroupId |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | ISLGroupIdType |

Link Integrity**Table 3-4216 Link Integrity**

| Name | Value |
|----------------|---|
| Description | The Operational status of the associated physical link. |
| Displayed name | Link Integrity |
| OSS name | cnLinkOperStatus |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | OperStatus |

Link Trap**Table 3-4217 Link Trap**

| Name | Value |
|----------------|-----------------|
| Default | yes:disable |
| Displayed name | Link Trap |
| OSS name | linkTrap |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Link Up**Table 3-4218 Link Up**

| Name | Value |
|----------------|----------------|
| Default | yes:false |
| Displayed name | Link Up |
| OSS name | isLinkUp |
| Read-only | yes |
| Tab Panel | States General |
| Type | BOOL |

Load Balance Algorithm

Table 3-4219 Load Balance Algorithm

| Name | Value |
|----------------|---|
| Default | yes:notApplicable |
| Description | Specifies the load balancing algorithm to be used on this port. |
| Displayed name | Load Balance Algorithm |
| OSS name | loadBalanceAlgorithm |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.PortLoadBalanceAlgorithm |

LOS Mode

Table 3-4220 LOS Mode

| Name | Value |
|----------------|----------------------------------|
| Description | The Amplifier Port LOS Mode. |
| Displayed name | LOS Mode |
| OSS name | ampPortLosMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | PortLosMode |

LOS Propagation

Table 3-4221 LOS Propagation

| Name | Value |
|----------------|-------------------------------------|
| Description | The LOS propagation of Client Port. |
| Displayed name | LOS Propagation |
| OSS name | cpLosProp |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | LosPropagation |

LPT Consequent Action
Table 3-4222 LPT Consequent Action

| Name | Value |
|----------------|---|
| Default | yes:noAction |
| Description | Indicates the 11DPE12A port LPT Consequence Action. |
| Displayed name | LPT Consequent Action |
| OSS name | lptConsequenceAction |
| Read-only | no |
| Tab Panel | Port Specifics.General Ethernet |
| Type | LptCActionType |

MAC Address**Table 3-4223 MAC Address**

| Name | Value |
|----------------|--|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | MAC Address |
| OSS name | hwMacAddress |
| Read-only | yes |
| Tab Panel | Port Specifics.General UserPanelCardProperties |
| Type | MACADDR |

Manufacture Date**Table 3-4224 Manufacture Date**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacture Date |
| Maximum | 252 |
| OSS name | manufactureDate |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturer**Table 3-4225 Manufacturer**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturer |
| Maximum | 252 |
| OSS name | manufacturer |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Assembly No**Table 3-4226 Manufacturing Assembly No**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Assembly No |
| OSS name | manufacturingAssemblyNo |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Deviations**Table 3-4227 Manufacturing Deviations**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Deviations |
| OSS name | manufacturingDeviations |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Variant**Table 3-4228 Manufacturing Variant**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Variant |
| OSS name | manufacturingVariant |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Mapping Mode**Table 3-4229 Mapping Mode**

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | Indicates the E1/T1 Mapping mode |
| Displayed name | Mapping Mode |
| OSS name | mappingMode |
| Read-only | no |
| Tab Panel | Port Specifics.General E1/T1 Specifics |
| Type | E1T1MappingModeType |

Mapping Mode**Table 3-4230 Mapping Mode**

| Name | Value |
|----------------|-------------------------------|
| Description | MSMON mapping mode. |
| Displayed name | Mapping Mode |
| OSS name | msmonMappingMode |
| Read-only | no |
| Tab Panel | Port Specifics.General CBR2G5 |
| Type | MappingMode |

Mapping Mode
Table 3-4231 Mapping Mode

| Name | Value |
|----------------|------------------------------------|
| Description | MSMON mapping mode. |
| Displayed name | Mapping Mode |
| OSS name | msmonMappingMode |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | MappingMode |

Max Power Gain**Table 3-4232 Max Power Gain**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | Applies to the signal port of the amplifier card. |
| Displayed name | Max Power Gain |
| Maximum | 33 |
| Minimum | 6 |
| OSS name | ampPortPowerGainMax |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Maximum Attenuation**Table 3-4233 Maximum Attenuation**

| Name | Value |
|----------------|--|
| Default | yes:20.0 |
| Description | Hybrid amplifier port VOA maximum attenuation. |
| Displayed name | Maximum Attenuation |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | hybridPortVoaMaxAttenuation |

Table 3-4233 Maximum Attenuation (continued)

| Name | Value |
|-------------|--|
| Read-only | no |
| Tab Panel | Port Specifics.General Mid EVOA Attributes |
| Type | FLOAT |
| Units | dB |

Maximum Drop Channel Target Power**Table 3-4234 Maximum Drop Channel Target Power**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:-12.00 |
| Displayed name | Maximum Drop Channel Target Power |
| Maximum | 0.00 |
| Minimum | -20.0 |
| OSS name | dropMaxTargetPower |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Maximum Flat Gain Offset**Table 3-4235 Maximum Flat Gain Offset**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | Provides a correction to the assumed max flat gain value. |
| Displayed name | Maximum Flat Gain Offset |
| Maximum | 5 |
| Minimum | -5 |
| OSS name | ampPortMaxFlatGainOffset |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Maximum Frequency**Table 3-4236 Maximum Frequency**

| Name | Value |
|----------------|---|
| Description | Specifies the maximum frequency accepted by the OCH facility. |
| Displayed name | Maximum Frequency |
| OSS name | chMax |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | ITUChannel |

Maximum Gain**Table 3-4237 Maximum Gain**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | Applies to the signal port of the amplifier card. |
| Displayed name | Maximum Gain |
| Maximum | 33 |
| Minimum | 6 |
| OSS name | ampPortPowerGainMax |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

MD5 Authentication Enabled**Table 3-4238 MD5 Authentication Enabled**

| Name | Value |
|----------------|--|
| Description | Specifies whether MD5 Authentication Enabled or not. |
| Displayed name | MD5 Authentication Enabled |
| OSS name | cnLinkOspfAuthentType |
| Read-only | no |
| Tab Panel | Port Specifics.General OSPF |
| Type | BOOL |

MD5 Key**Table 3-4239 MD5 Key**

| Name | Value |
|----------------|-----------------------------|
| Description | Link OSPF Authentic Key. |
| Displayed name | MD5 Key |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cnLinkOspfAuthKey |
| Read-only | no |
| Tab Panel | Port Specifics.General OSPF |
| Type | STRING |

MD5 Key ID**Table 3-4240 MD5 Key ID**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:1 |
| Description | Link OSPF Authentic Key Id. |
| Displayed name | MD5 Key ID |
| Maximum | 255 |
| Minimum | 1 |
| OSS name | cnLinkOspfAuthKeyId |
| Read-only | no |
| Tab Panel | Port Specifics.General OSPF |
| Type | LONG |

Measured Network Output Power**Table 3-4241 Measured Network Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The present AC output power of the port (EVOA), measured in mBm. It is the power of the full optical signal. |
| Displayed name | Measured Network Output Power |
| Maximum | 4 |

Table 3-4241 Measured Network Output Power (continued)

| Name | Value |
|-------------|--|
| Minimum | -20 |
| OSS name | waveKeyEncodePresentNwOutputPower |
| Read-only | no |
| Step | 0.01 |
| Tab Panel | Port Specifics.General Wave Key Encode |
| Type | FLOAT |
| Units | dBm |

Min Power Gain**Table 3-4242 Min Power Gain**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | Applies to the signal port of the amplifier card. |
| Displayed name | Min Power Gain |
| Maximum | 33 |
| Minimum | 6 |
| OSS name | ampPortPowerGainMin |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Minimum Attenuation**Table 3-4243 Minimum Attenuation**

| Name | Value |
|----------------|--|
| Default | yes:0.0 |
| Description | Hybrid amplifier port VOA minimum attenuation. |
| Displayed name | Minimum Attenuation |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | hybridPortVoaMinAttenuation |

Table 3-4243 Minimum Attenuation (continued)

| Name | Value |
|-------------|--|
| Read-only | no |
| Step | 0.1 |
| Tab Panel | Port Specifics.General Mid EVOA Attributes |
| Type | FLOAT |
| Units | dB |

Minimum Drop Channel Target Power**Table 3-4244 Minimum Drop Channel Target Power**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:-14.00 |
| Displayed name | Minimum Drop Channel Target Power |
| Maximum | 0.00 |
| Minimum | -20.0 |
| OSS name | dropMinTargetPower |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Minimum Frequency**Table 3-4245 Minimum Frequency**

| Name | Value |
|----------------|---|
| Description | Specifies the minimum frequency accepted by the OCH facility. |
| Displayed name | Minimum Frequency |
| OSS name | chMin |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | ITUChannel |

Minimum Gain**Table 3-4246 Minimum Gain**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | Applies to the signal port of the amplifier card. |
| Displayed name | Minimum Gain |
| Maximum | 33 |
| Minimum | 6 |
| OSS name | ampPortPowerGainMin |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

Mnemonic**Table 3-4247 Mnemonic**

| Name | Value |
|----------------|----------------------------------|
| Description | Port Mnemonic. |
| Displayed name | Mnemonic |
| OSS name | portMnemonic |
| Read-only | no |
| Tab Panel | Port Specifics.General Inventory |
| Type | STRING |

Mode**Table 3-4248 Mode**

| Name | Value |
|----------------|-----------------|
| Default | yes:undefined |
| Displayed name | Mode |
| OSS name | mode |
| Read-only | no |
| Tab Panel | General General |
| Type | PortMode |

Table 3-4248 Mode (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Access | |
| Hybrid | |
| N/A | |
| Network | |

Monitored Port Connection Loss**Table 3-4249 Monitored Port Connection Loss**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The insertion loss between the LD card MON port and the WTOCM input port. |
| Displayed name | Monitored Port Connection Loss |
| Maximum | 15.0 |
| Minimum | 0.0 |
| OSS name | apWtocmConnLoss |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | FLOAT |
| Units | dB |

Monitored Port Tx**Table 3-4250 Monitored Port Tx**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | LD card port connected to WTOCM input port in transmit direction. |
| Displayed name | Monitored Port Tx |
| OSS name | apWtocmConnAddress |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | POINTER |

MTU**Table 3-4251 MTU**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | MTU |
| OSS name | mtuValue |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |
| Units | bytes |

Multicast From**Table 3-4252 Multicast From**

| Name | Value |
|----------------|---------------------------|
| Description | Broadcast From Port. |
| Displayed name | Multicast From |
| OSS name | IpBroadcastFrom |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | POINTER |

Multicast To**Table 3-4253 Multicast To**

| Name | Value |
|----------------|----------------------------|
| Default | yes:None |
| Description | Client Broadcast Port Map. |
| Displayed name | Multicast To |
| OSS name | cpBroadcastTo |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | STRING |

MW Link Name
Table 3-4254 MW Link Name

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | MW Link Name |
| OSS name | mwLinkPointer |
| Read-only | yes |
| Tab Panel | General MW Link Info |
| Type | POINTER |

Name**Table 3-4255 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Negotiation Mode**Table 3-4256 Negotiation Mode**

| Name | Value |
|----------------|---|
| Description | Negotiation mode with link partner. |
| Displayed name | Negotiation Mode |
| OSS name | negotiationMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Gigabit Ethernet |
| Type | NegotiationMode |

Network Queue Policy Name
Table 3-4257 Network Queue Policy Name

| Name | Value |
|----------------|--------------------------------|
| Default | yes:default |
| Displayed name | Network Queue Policy Name |
| Maximum | 32 |
| Minimum | 1 |
| OSS name | networkQueuePolicyName |
| Read-only | yes |
| Tab Panel | Policies.General Network Queue |
| Type | STRING |

Network Weight**Table 3-4258 Network Weight**

| Name | Value |
|----------------|---|
| Default | yes:50 |
| Displayed name | Network Weight |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | egressNetworkWeight |
| Read-only | no |
| Tab Panel | General Hybrid Egress Buffer Allocation |
| Type | INT |

Network Weight**Table 3-4259 Network Weight**

| Name | Value |
|----------------|----------------------|
| Default | yes:50 |
| Displayed name | Network Weight |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | ingressNetworkWeight |
| Read-only | no |

Table 3-4259 Network Weight (continued)

| Name | Value |
|-------------|--|
| Tab Panel | General Hybrid Ingress Buffer Allocation |
| Type | INT |

Next Key Info**Table 3-4260 Next Key Info**

| Name | Value |
|----------------|--|
| Description | Port Encryption NextKey Info. |
| Displayed name | Next Key Info |
| Maximum | 256 |
| Minimum | 0 |
| OSS name | nextKeyInfo |
| Read-only | no |
| Tab Panel | Port Specifics.General Encryption Management |
| Type | STRING |

OCH Type**Table 3-4261 OCH Type**

| Name | Value |
|----------------|---|
| Description | The parameter specifies OCH sub-type with the following value |
| Displayed name | OCH Type |
| OSS name | ochType |
| Read-only | yes |
| Tab Panel | Port Specifics.General OT |
| Type | OchType |

ODU Capable**Table 3-4262 ODU Capable**

| Name | Value |
|----------------|-------------|
| Default | yes:false |
| Displayed name | ODU Capable |

Table 3-4262 ODU Capable (continued)

| Name | Value |
|-------------|---------------------------|
| OSS name | oduCapable |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | BOOL |

Operating Mode**Table 3-4263 Operating Mode**

| Name | Value |
|----------------|---|
| Description | Configures the amplifier operating mode:Power:constant signal output power.Gain:constant signal gain. Disabled:pumps are powered down.Only users operating the amplifier for test purposes should set this attribute. This attribute determines the operating mode. |
| Displayed name | Operating Mode |
| OSS name | ampPortOperatingMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | PortOperatingMode |

Operating Mode**Table 3-4264 Operating Mode**

| Name | Value |
|----------------|---|
| Description | Configures the amplifier operating mode:Power:constant signal output power.Gain:constant signal gain. Disabled:pumps are powered down.Only users operating the amplifier for test purposes should set this attribute. This attribute determines the operating mode. |
| Displayed name | Operating Mode |
| OSS name | ampPortOperatingMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Connectivity Testing |
| Type | PortOperatingMode |

Operational Mode**Table 3-4265 Operational Mode**

| Name | Value |
|----------------|-------------------------------------|
| Description | The transmission mode of Line Port. |
| Displayed name | Operational Mode |
| OSS name | lpTransmissionMode |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | TransmissionMode |

Operational Mode**Table 3-4266 Operational Mode**

| Name | Value |
|----------------|---|
| Description | This attribute determines the operating mode. |
| Displayed name | Operational Mode |
| OSS name | rmnPortOperatingMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | PortOperatingMode |

Operational Mode**Table 3-4267 Operational Mode**

| Name | Value |
|----------------|---|
| Description | This attribute determines the operating mode. |
| Displayed name | Operational Mode |
| OSS name | rmnPortOperatingMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | PortOperatingMode |

Operational Mode
Table 3-4268 Operational Mode

| Name | Value |
|----------------|---|
| Default | yes:nonsync |
| Description | The port Synchronous Ethernet Operation Mode. |
| Displayed name | Operational Mode |
| OSS name | syncEOperMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Ethernet |
| Type | SyncEMode |

Operational State**Table 3-4269 Operational State**

| Name | Value |
|----------------|--|
| Displayed name | Operational State |
| OSS name | facilityOperState |
| Read-only | no |
| Tab Panel | Port Specifics.General Facility States |
| Type | equipment.OperationalState |

Operational State**Table 3-4270 Operational State**

| Name | Value |
|--------------------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | OperationalState |
| Enumerated types: | |
| Booting | |
| Degraded | |
| Diagnosing | |

Table 3-4270 Operational State (continued)

| Name | Value |
|----------------------|-------|
| Disabled | |
| Down | |
| Downgrade | |
| Empty | |
| Enabled | |
| Failed | |
| In Service Downgrade | |
| In Service Upgrade | |
| Indeterminate | |
| Invalid Connection | |
| No Link | |
| Not Present | |
| Not Relevant | |
| Provisioned | |
| Reserved | |
| Reset Pending | |
| Shutting Down | |
| Soft Reset | |
| Testing | |
| Transition | |
| Unknown | |
| Unprovisioned | |
| Unsupported SFF | |
| Up | |
| Upgrade | |

Operational State

Table 3-4271 Operational State

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |

Table 3-4271 Operational State (continued)

| Name | Value |
|--------------------------|------------------|
| Read-only | yes |
| Tab Panel | States General |
| Type | OperationalState |
| Enumerated types: | |
| Booting | |
| Degraded | |
| Diagnosing | |
| Disabled | |
| Down | |
| Downgrade | |
| Empty | |
| Enabled | |
| Failed | |
| In Service Downgrade | |
| In Service Upgrade | |
| Indeterminate | |
| Invalid Connection | |
| No Link | |
| Not Present | |
| Not Relevant | |
| Provisioned | |
| Reserved | |
| Reset Pending | |
| Shutting Down | |
| Soft Reset | |
| Testing | |
| Transition | |
| Unknown | |
| Unprovisioned | |
| Unsupported SFF | |
| Up | |
| Upgrade | |

Opposite Direction Port
Table 3-4272 Opposite Direction Port

| Name | Value |
|----------------|---|
| Description | Address of opposite direction port when the TX and RX directions are split between two ports. |
| Displayed name | Opposite Direction Port |
| OSS name | apOppDirectionPortAddr |
| Read-only | no |
| Tab Panel | Port Specifics.General Connection |
| Type | POINTER |

Optical Transport Channel Unit**Table 3-4273 Optical Transport Channel Unit**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:disable |
| Displayed name | Optical Transport Channel Unit |
| OSS name | otuEnable |
| Read-only | no |
| Tab Panel | General DWDM |
| Type | INT |

OSC Mode**Table 3-4274 OSC Mode**

| Name | Value |
|----------------|--|
| Description | Control Network OSC mode. |
| Displayed name | OSC Mode |
| OSS name | cnOscMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | OscMode |

OSC Transmitted Input Power
Table 3-4275 OSC Transmitted Input Power

| Name | Value |
|----------------|--|
| Default | yes:Off |
| Description | The EDFA module OSC transmitted input power of the amplifier card. -9900 indicates no measured power. Current ranges: AM2125A:-9900, -1500 to 1100 AM2125B:-9900, -1500 to 1100 AM2318A:-9900, -1500 to 1100 A2P2125:-9900, -1500 to 1100 AM2032A:-9900, -1500 to 1100 AM2625A:-9900, -2000 to 1100. |
| Displayed name | OSC Transmitted Input Power |
| OSS name | ampPortOSCTxPowerIn |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | STRING |
| Units | dBm |

OSC Transmitted Input Power**Table 3-4276 OSC Transmitted Input Power**

| Name | Value |
|----------------|--|
| Default | yes:Off |
| Description | The EDFA module OSC transmitted input power of the amplifier card. -9900 indicates no measured power. Current ranges: AM2125A:-9900, -1500 to 1100 AM2125B:-9900, -1500 to 1100 AM2318A:-9900, -1500 to 1100 A2P2125:-9900, -1500 to 1100 AM2032A:-9900, -1500 to 1100 AM2625A:-9900, -2000 to 1100. |
| Displayed name | OSC Transmitted Input Power |
| OSS name | ampPortOSCTxPowerIn |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | STRING |
| Units | dBm |

OSC Transmitted Output Power**Table 3-4277 OSC Transmitted Output Power**

| Name | Value |
|---------|---------|
| Default | yes:Off |

Table 3-4277 OSC Transmitted Output Power (continued)

| Name | Value |
|----------------|---|
| Description | The EDFA module OSC transmitted output power of the amplifier card. -9900 indicates no measured power. Current ranges: AM2125A:-9900, -1500 to 1100 AM2125B:-9900, -1500 to 1100 AM2318A:-9900, -1500 to 1100 A2P2125:-9900, -1500 to 1100 AM2032A:-9900, -1500 to 1100 AM2625A:-9900, 0 to 1500. |
| Displayed name | OSC Transmitted Output Power |
| OSS name | ampPortOSCTxPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | STRING |
| Units | dBm |

OSC Transmitted Output Power**Table 3-4278 OSC Transmitted Output Power**

| Name | Value |
|----------------|---|
| Default | yes:Off |
| Description | The EDFA module OSC transmitted output power of the amplifier card. -9900 indicates no measured power. Current ranges: AM2125A:-9900, -1500 to 1100 AM2125B:-9900, -1500 to 1100 AM2318A:-9900, -1500 to 1100 A2P2125:-9900, -1500 to 1100 AM2032A:-9900, -1500 to 1100 AM2625A:-9900, 0 to 1500. |
| Displayed name | OSC Transmitted Output Power |
| OSS name | ampPortOSCTxPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | STRING |
| Units | dBm |

OSPF Adjacency State**Table 3-4279 OSPF Adjacency State**

| Name | Value |
|----------------|----------------------|
| Description | OSPF Adj state. |
| Displayed name | OSPF Adjacency State |
| OSS name | cnOspfAdjacencyState |
| Read-only | no |

Table 3-4279 OSPF Adjacency State (continued)

| Name | Value |
|-------------|-----------------------------|
| Tab Panel | Port Specifics.General OSPF |
| Type | OspfAdjacencyState |

OSPF Area ID**Table 3-4280 OSPF Area ID**

| Name | Value |
|----------------|--|
| Description | For all OSC/GCC interfaces, it will use the same OSPF area which can be provisioned to something other than the default 0.0.0.0. |
| Displayed name | OSPF Area ID |
| OSS name | ospfAreaId |
| Read-only | no |
| Tab Panel | Port Specifics.General OSPF |
| Type | INETADDR |

OSPF Area Index**Table 3-4281 OSPF Area Index**

| Name | Value |
|----------------|-----------------------------|
| Description | OSPF Port Topology Id. |
| Displayed name | OSPF Area Index |
| OSS name | ospfTopologyId |
| Read-only | no |
| Tab Panel | Port Specifics.General OSPF |
| Type | INT |

OSPF Routing State**Table 3-4282 OSPF Routing State**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:disable |
| Description | Control Network OSPF RoutingState. |
| Displayed name | OSPF Routing State |

Table 3-4282 OSPF Routing State (continued)

| Name | Value |
|-------------|-----------------------------|
| OSS name | cnOspfRoutingState |
| Read-only | no |
| Tab Panel | Port Specifics.General OSPF |
| Type | RoutingState |

OTU Encoding**Table 3-4283 OTU Encoding**

| Name | Value |
|----------------|---|
| Description | Specifies the minimum frequency accepted by the OCH facility. |
| Displayed name | OTU Encoding |
| OSS name | encoding |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | OtuEncoding |

OTU Expected TTI**Table 3-4284 OTU Expected TTI**

| Name | Value |
|----------------|----------------------------|
| Default | yes: |
| Description | OTU Expected TTI. |
| Displayed name | OTU Expected TTI |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | otuExTti |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | STRING |

OTU Incoming RES**Table 3-4285 OTU Incoming RES**

| Name | Value |
|----------------|------------------------------------|
| Description | This is for OTU2/OTU3 Incoming Exp |
| Displayed name | OTU Incoming RES |
| OSS name | otuIncomingRes |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | STRING |

OTU Incoming TTI**Table 3-4286 OTU Incoming TTI**

| Name | Value |
|----------------|----------------------------|
| Description | OTU incoming TTI. |
| Displayed name | OTU Incoming TTI |
| OSS name | otuIncomingTti |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | STRING |

OTU Rate**Table 3-4287 OTU Rate**

| Name | Value |
|----------------|----------------------------|
| Description | OCH OTU Rate. |
| Displayed name | OTU Rate |
| OSS name | otuRate |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | OtuRate |
| Units | Gbps |

OTU Transmitted TTI
Table 3-4288 OTU Transmitted TTI

| Name | Value |
|----------------|----------------------------|
| Default | yes: |
| Description | OTU Transmitted TTI. |
| Displayed name | OTU Transmitted TTI |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | otuTxTti |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | STRING |

OTU TTI Comparison**Table 3-4289 OTU TTI Comparison**

| Name | Value |
|----------------|----------------------------|
| Description | OTU TIM detection mode. |
| Displayed name | OTU TTI Comparison |
| OSS name | otuTimDetMode |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | TimDetectionMode |

OTU TTI Mismatch Response**Table 3-4290 OTU TTI Mismatch Response**

| Name | Value |
|----------------|-----------------------------|
| Description | OTU TIM consequence action. |
| Displayed name | OTU TTI Mismatch Response |
| OSS name | otuTimConsAction |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | TimConsAction |

OTU TTI Status
Table 3-4291 OTU TTI Status

| Name | Value |
|----------------|----------------------------|
| Description | OTU TTI status. |
| Displayed name | OTU TTI Status |
| OSS name | otuTtiStatus |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | TtiStatus |

Outgoing Quality Level**Table 3-4292 Outgoing Quality Level**

| Name | Value |
|----------------|--|
| Default | yes:act |
| Description | The port SSM/Quality Level Transmission value. |
| Displayed name | Outgoing Quality Level |
| OSS name | outGoingQualityLevel |
| Read-only | no |
| Tab Panel | Port Specifics.General Ethernet |
| Type | OutQualityLevel |

Output LOS Threshold**Table 3-4293 Output LOS Threshold**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | Applies to the SIG_OUT of the OMD port of the SFD5 and SFD8 cards. |
| Displayed name | Output LOS Threshold |
| Maximum | 20 |
| Minimum | -32 |
| OSS name | omdPortLosOutThreshold |
| Read-only | no |
| Tab Panel | Port Specifics.General OMD |
| Type | FLOAT |

Table 3-4293 Output LOS Threshold (continued)

| Name | Value |
|-------|-------|
| Units | dBm |

Output LOS Threshold Tolerance

Table 3-4294 Output LOS Threshold Tolerance

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | This is the difference above the LOS set and clear points and applies to the SIG_out of the OMD port of the SFD5 and SFD8 cards. |
| Displayed name | Output LOS Threshold Tolerance |
| Maximum | 6 |
| Minimum | 0 |
| OSS name | omdPortLosOutThresholdTolerance |
| Read-only | no |
| Tab Panel | Port Specifics.General OMD |
| Type | FLOAT |
| Units | dB |

Output Power

Table 3-4295 Output Power

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The measured power at the SIG_OUT of the OMD port. |
| Displayed name | Output Power |
| OSS name | omdPortTxPower |
| Read-only | no |
| Tab Panel | Port Specifics.General OMD |
| Type | FLOAT |
| Units | dBm |

Output VOA Setting
Table 3-4296 Output VOA Setting

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | LINEOUT port of the uni-directional amplifier Card. |
| Displayed name | Output VOA Setting |
| Maximum | 18 |
| Minimum | 0 |
| OSS name | ampPortVoaSet |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Output VOA Setting**Table 3-4297 Output VOA Setting**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | LINEOUT port of the uni-directional amplifier Card. |
| Displayed name | Output VOA Setting |
| Maximum | 18 |
| Minimum | 0 |
| OSS name | ampPortVoaSet |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

Part Number**Table 3-4298 Part Number**

| Name | Value |
|----------------|-------------|
| Default | yes: |
| Displayed name | Part Number |

Table 3-4298 Part Number (continued)

| Name | Value |
|-------------|------------------------------|
| Maximum | 252 |
| OSS name | manufacturerBoardNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Per-Channel Input Power**Table 3-4299 Per-Channel Input Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | Common Ingress Power. This is the per channel default ingress power. |
| Displayed name | Per-Channel Input Power |
| Maximum | 11 |
| Minimum | -30 |
| OSS name | wkPortChannelIngressPower |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Per-Channel Input Power Deviation**Table 3-4300 Per-Channel Input Power Deviation**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:-99.0 |
| Description | Default Deviation In. |
| Displayed name | Per-Channel Input Power Deviation |
| Maximum | 10 |
| Minimum | 0 |
| OSS name | wkPortChPowerDeviationIn |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |

Table 3-4300 Per-Channel Input Power Deviation (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | dB |

Per-Channel Output Power**Table 3-4301 Per-Channel Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | Common Egress Power. This is the per channel default egress power. |
| Displayed name | Per-Channel Output Power |
| Maximum | 11 |
| Minimum | -30 |
| OSS name | wkPortChannelEgressPower |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dBm |

Per-Channel Output Power**Table 3-4302 Per-Channel Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | Common Egress Power. This is the per channel default egress power. |
| Displayed name | Per-Channel Output Power |
| Maximum | 11 |
| Minimum | -30 |
| OSS name | wkPortChannelEgressPower |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Per-Channel Output Power Deviation
Table 3-4303 Per-Channel Output Power Deviation

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | Default Deviation Out. |
| Displayed name | Per-Channel Output Power Deviation |
| Maximum | 10 |
| Minimum | 0 |
| OSS name | wkPortChPowerDeviationOut |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

Per-Channel Output Power Deviation**Table 3-4304 Per-Channel Output Power Deviation**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:-99.0 |
| Description | Default Deviation Out. |
| Displayed name | Per-Channel Output Power Deviation |
| Maximum | 10 |
| Minimum | 0 |
| OSS name | wkPortChPowerDeviationOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dB |

Physical State Change Count**Table 3-4305 Physical State Change Count**

| Name | Value |
|---------|-------|
| Default | yes:0 |

Table 3-4305 Physical State Change Count (continued)

| Name | Value |
|----------------|---|
| Description | This property indicates the number of times a physical port state has changed from 'linkDown (3)' to either 'linkUp (4)' or 'up (5)' and from either 'linkUp (4)' or 'up (5)' to 'linkDown (3)'. The count does not include transitions between 'linkUp (4)' and 'up (5)'. This counter is applicable to physical Ethernet ports only. All other ports maintain a count of 0. |
| Displayed name | Physical State Change Count |
| OSS name | stateChangeCount |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Pluggable Module Temperature**Table 3-4306 Pluggable Module Temperature**

| Name | Value |
|----------------|--|
| Description | The current temperature of the Osc Sfp. |
| Displayed name | Pluggable Module Temperature |
| OSS name | oscSfpPortTemperature |
| Read-only | no |
| Tab Panel | Port Specifics.General OSC / OSCSFP Attributes |
| Type | INT |

Pluggable Module Type**Table 3-4307 Pluggable Module Type**

| Name | Value |
|----------------|---------------------------------|
| Description | The programmed XFP or SFP type. |
| Displayed name | Pluggable Module Type |
| OSS name | portXfpType |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | XfpType |

Port AINS**Table 3-4308 Port AINS**

| Name | Value |
|----------------|---|
| Description | If the user has set Port AINS to true, the port admin state is set to up by the system. If the port admin state has been set up or down, Port AINS is set to false by the system, unless the user had specified admin up and Port AINS true. Disabling Port AINS against a client port of an OT card may result in disabling Port AINS against the line port of that OT card. |
| Displayed name | Port AINS |
| OSS name | apAins |
| Read-only | no |
| Tab Panel | Port Specifics.General AINS |
| Type | BOOL |

Port AINS Mode**Table 3-4309 Port AINS Mode**

| Name | Value |
|----------------|-----------------------------|
| Displayed name | Port AINS Mode |
| OSS name | ainsMode |
| Read-only | no |
| Tab Panel | Port Specifics.General AINS |
| Type | AinsMode |

Port Group**Table 3-4310 Port Group**

| Name | Value |
|----------------|--------------------------------|
| Default | yes: |
| Displayed name | Port Group |
| OSS name | portGroupPointer |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | POINTER |

Port Mode**Table 3-4311 Port Mode**

| Name | Value |
|--------------------------|---|
| Description | PMODE (Port Mode), determines if the conditions for the facility are reported or not. |
| Displayed name | Port Mode |
| OSS name | portMode |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | PortMode |
| Enumerated types: | |
| Access | |
| Hybrid | |
| N/A | |
| Network | |

Port Role**Table 3-4312 Port Role**

| Name | Value |
|----------------|--|
| Default | yes:notApplicable |
| Description | Specifies the role (client/line) for the port. |
| Displayed name | Port Role |
| OSS name | portRole |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | PortRole |

Port Role**Table 3-4313 Port Role**

| Name | Value |
|----------------|------------------------|
| Default | yes:unspecified |
| Description | Used for the GUI only. |
| Displayed name | Port Role |
| OSS name | terminationPointRole |

Table 3-4313 Port Role (continued)

| Name | Value |
|-------------|--------------------------------|
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | TerminationPointRole |

Port Scheduler Policy**Table 3-4314 Port Scheduler Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the port scheduler policy used by this port |
| Displayed name | Port Scheduler Policy |
| OSS name | portSchedulerPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Port Scheduler |
| Type | POINTER |

Port TCA Profile**Table 3-4315 Port TCA Profile**

| Name | Value |
|----------------|--|
| Default | yes: |
| Displayed name | Port TCA Profile |
| OSS name | portTCAProfilePointer |
| Read-only | no |
| Tab Panel | Port Specifics.Performance.Ethernet TCA Profile Assignment General |
| Type | POINTER |

Port Type**Table 3-4316 Port Type**

| Name | Value |
|-------------|--|
| Description | Specifies the port type which can be distinguished: - NORMALSO normal optical physical STMn port - TRANSTDMOT transparent TDM OTU client STMn port |

Table 3-4316 Port Type (continued)

| Name | Value |
|----------------|------------------------------------|
| Displayed name | Port Type |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ocnStmnPortType |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | STRING |

Port Usage**Table 3-4317 Port Usage**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Port Usage |
| OSS name | portUsage |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | INT |

Post-FEC BER**Table 3-4318 Post-FEC BER**

| Name | Value |
|----------------|----------------------------|
| Description | This is for OTU4 FEC Mode. |
| Displayed name | Post-FEC BER |
| OSS name | otuPostFecBER |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | STRING |

Power Achieved**Table 3-4319 Power Achieved**

| Name | Value |
|----------------|---|
| Description | The parameter specifies whether the target output power is achieved (value Y) or not (value N). |
| Displayed name | Power Achieved |
| OSS name | powerAchieved |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | BOOL |

Power Control Enabled**Table 3-4320 Power Control Enabled**

| Name | Value |
|----------------|--|
| Description | The parameter specifies whether WaveTracker power control is enabled (value: Y) or not (value N) . . |
| Displayed name | Power Control Enabled |
| OSS name | waveKeyEncodePowerControl |
| Read-only | no |
| Tab Panel | Port Specifics.General Wave Key Encode |
| Type | BOOL |

Power Delta**Table 3-4321 Power Delta**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The parameter describes the acceptable power delta (unit: dBm){BR} from the target transmit power at the addressed WaveTracker encoder (TXDELTAPOWER: Transmit Delta Power). |
| Displayed name | Power Delta |
| Maximum | 99.99 |
| Minimum | -99.99 |
| OSS name | otPortPowerDelta |
| Read-only | no |

Table 3-4321 Power Delta (continued)

| Name | Value |
|-------------|---------------------------|
| Tab Panel | Port Specifics.General OT |
| Type | FLOAT |
| Units | dBm |

Power Gain**Table 3-4322 Power Gain**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | Applies to the signal port of the amplifier card. |
| Displayed name | Power Gain |
| Maximum | 33 |
| Minimum | 6 |
| OSS name | ampPortPowerGain |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Power Management Type**Table 3-4323 Power Management Type**

| Name | Value |
|----------------|--------------------------------------|
| Description | The type of power management egress. |
| Displayed name | Power Management Type |
| OSS name | powerMgmtTypeOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | PowerMgmtType |

Power Setting
Table 3-4324 Power Setting

| Name | Value |
|----------------|---|
| Default | yes:3.00 |
| Description | Configures the power setting for signal output power in power mode.The operating mode tnAarPortConfigOperatingMode must be configured to Power prior to setting the power. Only use for test purposes.Current configurable range:-500to 1000. |
| Displayed name | Power Setting |
| Maximum | 10.00 |
| Minimum | -5.00 |
| OSS name | ampPowerSetting |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Power Setting**Table 3-4325 Power Setting**

| Name | Value |
|----------------|---|
| Default | yes:3.00 |
| Description | Configures the power setting for signal output power in power mode.The operating mode tnAarPortConfigOperatingMode must be configured to Power prior to setting the power. Only use for test purposes.Current configurable range:-500to 1000. |
| Displayed name | Power Setting |
| Maximum | 10.00 |
| Minimum | -5.00 |
| OSS name | ampPowerSetting |
| Read-only | no |
| Tab Panel | Port Specifics.General Connectivity Testing |
| Type | FLOAT |
| Units | dB |

Power Target
Table 3-4326 Power Target

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The parameter specifies the target transmit power (unit: dBm) {BR} at the addressed WaveTracker (TXTARGETPOWER: Transmit Target Power). |
| Displayed name | Power Target |
| Maximum | 99.99 |
| Minimum | -99.99 |
| OSS name | otPortPowerTarget |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | FLOAT |
| Units | dBm |

PPS Status**Table 3-4327 PPS Status**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:0 |
| Description | Direction |
| Displayed name | PPS Status |
| OSS name | ppsStatus |
| Read-only | no |
| Tab Panel | Port Specifics.General TOD Attributes |
| Type | PtpTodPPSStatus |

Pre-FEC BER**Table 3-4328 Pre-FEC BER**

| Name | Value |
|----------------|----------------------------|
| Description | This is for OTU4 FEC Mode. |
| Displayed name | Pre-FEC BER |
| OSS name | otuPreFecBER |
| Read-only | no |

Table 3-4328 Pre-FEC BER (continued)

| Name | Value |
|-------------|----------------------------|
| Tab Panel | Port Specifics.General OTU |
| Type | STRING |

Present Duplex Mode**Table 3-4329 Present Duplex Mode**

| Name | Value |
|----------------|---|
| Default | yes:full |
| Description | Defines the current mode of operation of the MAC entity. 'unkwn' indicates that the current duplex mode could not be determined. Management control of the duplex mode is accomplished through the MAU MIB. When an interface does not support autonegotiation, or when autonegotiation is not enabled, the duplex mode is controlled using ifMauDefaultType. When autonegotiation is supported and enabled, duplex mode is controlled using ifMauAutoNegAdvertisedBits. In either case, the currently operating duplex mode is reflected both in this object and in ifMauType. Note that this object provides redundant information with ifMauType. Normally, redundant objects are discouraged. However, in this instance, it allows a management application to determine the duplex status of an interface without having to know every possible value of ifMauType. This was felt to be sufficiently valuable to justify the redundancy. |
| Displayed name | Present Duplex Mode |
| OSS name | dot3StatsDuplexStatus |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | Duplex |

Present Link Speed**Table 3-4330 Present Link Speed**

| Name | Value |
|----------------|--|
| Default | yes:100 |
| Description | Duplicated from OpticalPortSpecifics |
| Displayed name | Present Link Speed |
| OSS name | portSpeed |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | INT |
| Units | Mbps |

Present MTU Size
Table 3-4331 Present MTU Size

| Name | Value |
|----------------|--|
| Default | yes:Not Available |
| Description | The actual (negotiated) Maximum Transmission Unit size, in units of bytes with default value -1, when the MTU size has not yet been negotiated. The default value -1 should be interpreted by UIs as '-1'. |
| Displayed name | Present MTU Size |
| OSS name | oscMtuNeg |
| Read-only | no |
| Tab Panel | Port Specifics.General OSC / OSCSFP Attributes |
| Type | STRING |

Previous State**Table 3-4332 Previous State**

| Name | Value |
|--------------------------|----------------|
| Default | yes:1 |
| Displayed name | Previous State |
| OSS name | previousState |
| Read-only | yes |
| Tab Panel | States General |
| Type | PortState |
| Enumerated types: | |
| Diagnose | |
| Ghost | |
| Link Down | |
| Link Up | |
| None | |
| Up | |

Primary State
Table 3-4333 Primary State

| Name | Value |
|----------------|--|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | Port Specifics.General Facility States |
| Type | PrimaryStateType |

Primary State**Table 3-4334 Primary State**

| Name | Value |
|----------------|------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | PrimaryStateType |

Protection Time Slot**Table 3-4335 Protection Time Slot**

| Name | Value |
|----------------|--|
| Description | This is for 11dpge12, string built using protTs1 and protTs2 values. |
| Displayed name | Protection Time Slot |
| OSS name | protectionTimeSlot |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | STRING |

Provisioned Duplex Mode
Table 3-4336 Provisioned Duplex Mode

| Name | Value |
|----------------|--|
| Default | yes:auto |
| Description | Control Network Link Duplex. |
| Displayed name | Provisioned Duplex Mode |
| OSS name | cnLinkDuplex |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | Duplex |

Provisioned Link Speed**Table 3-4337 Provisioned Link Speed**

| Name | Value |
|----------------|--|
| Default | yes:auto |
| Description | Control Network Link Speed. |
| Displayed name | Provisioned Link Speed |
| OSS name | cnLinkSpeed |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | LinkSpeed |

Provisioned MTU Size**Table 3-4338 Provisioned MTU Size**

| Name | Value |
|----------------|--|
| Default | yes:1491 |
| Description | The MTU size for OSC interface, which to allow remote monitoring of RAMAN/EDFA devices as well remote monitoring of RAMAN/EDFA devices as well as to limit overall packet fragmentation in the network |
| Displayed name | Provisioned MTU Size |
| Maximum | 1500 |
| Minimum | 576 |
| OSS name | oscSfpPortMtu |

Table 3-4338 Provisioned MTU Size (continued)

| Name | Value |
|-------------|--|
| Read-only | no |
| Tab Panel | Port Specifics.General OSC / OSCSFP Attributes |
| Type | INT |

Proxy ARP**Table 3-4339 Proxy ARP**

| Name | Value |
|----------------|--|
| Description | Control Network Proxy Arp configured. |
| Displayed name | Proxy ARP |
| OSS name | cnProxyArp |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | BOOL |

Pst Correlated**Table 3-4340 Pst Correlated**

| Name | Value |
|----------------|---|
| Description | PSTCORR, determines the set of conditions which are correlated with PMODE/PST state |
| Displayed name | Pst Correlated |
| OSS name | pstCorr |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | PstCorr |

Pulse Format**Table 3-4341 Pulse Format**

| Name | Value |
|----------------|--------------|
| Default | yes:0 |
| Description | Direction |
| Displayed name | Pulse Format |

Table 3-4341 Pulse Format (continued)

| Name | Value |
|-------------|---------------------------------------|
| OSS name | pulseFormat |
| Read-only | no |
| Tab Panel | Port Specifics.General TOD Attributes |
| Type | PtpTodPulseFormat |

Pump 1 Power**Table 3-4342 Pump 1 Power**

| Name | Value |
|----------------|------------------------------|
| Description | The Pump1 Power for LineIn. |
| Displayed name | Pump 1 Power |
| Maximum | 400 |
| Minimum | 0 |
| OSS name | rmnPump1Power |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | INT |
| Units | mW |

Pump 1 Power**Table 3-4343 Pump 1 Power**

| Name | Value |
|----------------|---|
| Description | The Pump1 Power for LineIn. |
| Displayed name | Pump 1 Power |
| Maximum | 400 |
| Minimum | 0 |
| OSS name | rmnPump1Power |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | INT |
| Units | mW |

Pump 2 Power**Table 3-4344 Pump 2 Power**

| Name | Value |
|----------------|------------------------------|
| Description | The Pump2 Power for LineIn. |
| Displayed name | Pump 2 Power |
| Maximum | 400 |
| Minimum | 0 |
| OSS name | rmnPump2Power |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | INT |
| Units | mW |

Pump 2 Power**Table 3-4345 Pump 2 Power**

| Name | Value |
|----------------|---|
| Description | The Pump2 Power for LineIn. |
| Displayed name | Pump 2 Power |
| Maximum | 400 |
| Minimum | 0 |
| OSS name | rmnPump2Power |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | INT |
| Units | mW |

Pump 3 Power**Table 3-4346 Pump 3 Power**

| Name | Value |
|----------------|-----------------------------|
| Description | The Pump3 Power for LineIn. |
| Displayed name | Pump 3 Power |
| Maximum | 400 |
| Minimum | 0 |

Table 3-4346 Pump 3 Power (continued)

| Name | Value |
|-------------|---|
| OSS name | rmnPump3Power |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | INT |
| Units | mW |

Pump 4 Power**Table 3-4347 Pump 4 Power**

| Name | Value |
|----------------|---|
| Description | The Pump4 Power for LineIn. |
| Displayed name | Pump 4 Power |
| Maximum | 400 |
| Minimum | 0 |
| OSS name | rmnPump4Power |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | INT |
| Units | mW |

Pump Bias Current**Table 3-4348 Pump Bias Current**

| Name | Value |
|----------------|----------------------------------|
| Description | The pump laser bias current. |
| Displayed name | Pump Bias Current |
| OSS name | ampPumpBiasCurrent |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | INT |
| Units | mA |

Pump Temperature
Table 3-4349 Pump Temperature

| Name | Value |
|----------------|----------------------------------|
| Description | The pump temperature. |
| Displayed name | Pump Temperature |
| OSS name | ampPumpTemp |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | INT |
| Units | C or F |

Pumps disabled on Input LOS**Table 3-4350 Pumps disabled on Input LOS**

| Name | Value |
|----------------|---|
| Default | yes:losA |
| Description | The LOS mode of the amplifier.LOS A:Amplifier pumps become idle under loss of input signal.LOS N:Amplifier pumps remain enabled under loss of input signal. |
| Displayed name | Pumps disabled on Input LOS |
| OSS name | ampInfoLosMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | LosMode |

Pumps disabled on Input LOS**Table 3-4351 Pumps disabled on Input LOS**

| Name | Value |
|----------------|---|
| Default | yes:losA |
| Description | The LOS mode of the amplifier.LOS A:Amplifier pumps become idle under loss of input signal.LOS N:Amplifier pumps remain enabled under loss of input signal. |
| Displayed name | Pumps disabled on Input LOS |
| OSS name | ampInfoLosMode |
| Read-only | no |
| Tab Panel | Port Specifics.General Connectivity Testing |

Table 3-4351 Pumps disabled on Input LOS (continued)

| Name | Value |
|------|---------|
| Type | LosMode |

Queue 1**Table 3-4352 Queue 1**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 1 |
| OSS name | portStatsQueue1PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 2**Table 3-4353 Queue 2**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 2 |
| OSS name | portStatsQueue2PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 3**Table 3-4354 Queue 3**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 3 |
| OSS name | portStatsQueue3PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |

Table 3-4354 Queue 3 (continued)

| Name | Value |
|------|-------|
| Type | BOOL |

Queue 4**Table 3-4355 Queue 4**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 4 |
| OSS name | portStatsQueue4PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 5**Table 3-4356 Queue 5**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 5 |
| OSS name | portStatsQueue5PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 6**Table 3-4357 Queue 6**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 6 |
| OSS name | portStatsQueue6PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |

Table 3-4357 Queue 6 (continued)

| Name | Value |
|------|-------|
| Type | BOOL |

Queue 7**Table 3-4358 Queue 7**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 7 |
| OSS name | portStatsQueue7PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 8**Table 3-4359 Queue 8**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 8 |
| OSS name | portStatsQueue8PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Reason Down**Table 3-4360 Reason Down**

| Name | Value |
|----------------|--|
| Default | no |
| Description | Indicates why a port may be in the operationally 'down' state. |
| Displayed name | Reason Down |
| OSS name | reasonDown |
| Read-only | yes |

Table 3-4360 Reason Down (continued)

| Name | Value |
|-------------|----------------|
| Tab Panel | States General |
| Type | LONG |

Receive Frequency**Table 3-4361 Receive Frequency**

| Name | Value |
|----------------|---------------------------|
| Description | The Rx Port ITU channel. |
| Displayed name | Receive Frequency |
| OSS name | nwPortChannelRx |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | ITUChannel |

Receive Lane Power**Table 3-4362 Receive Lane Power**

| Name | Value |
|----------------|---|
| Description | OT Baseline RX lane power. |
| Displayed name | Receive Lane Power |
| Maximum | 400 |
| Minimum | 0 |
| OSS name | otPortRxLaneBslPowers |
| Read-only | no |
| Tab Panel | Port Specifics.General Lane Power Baseline Values |
| Type | STRING |
| Units | dBm |

Receive Lane Power**Table 3-4363 Receive Lane Power**

| Name | Value |
|-------------|--|
| Description | CFP receive lane powers for the number of lanes supported by a CFP type. |

Table 3-4363 Receive Lane Power (continued)

| Name | Value |
|----------------|---|
| Displayed name | Receive Lane Power |
| OSS name | otPortRxLanePowers |
| Read-only | no |
| Tab Panel | Port Specifics.General Lane Power Measured Values |
| Type | STRING |
| Units | dBm |

Receive Power**Table 3-4364 Receive Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | OT RX power. |
| Displayed name | Receive Power |
| OSS name | otPortRxPower |
| Read-only | no |
| Tab Panel | Port Specifics.General General Attributes |
| Type | FLOAT |
| Units | dBm |

Receive Power**Table 3-4365 Receive Power**

| Name | Value |
|----------------|---------------------------|
| Default | yes:-99.0 |
| Description | OT RX power. |
| Displayed name | Receive Power |
| OSS name | otPortRxPower |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | FLOAT |
| Units | dBm |

Received Trace Mode**Table 3-4366 Received Trace Mode**

| Name | Value |
|----------------|--|
| Default | yes:16 |
| Description | Determines the format of the incoming/received section trace |
| Displayed name | Received Trace Mode |
| OSS name | trcRcvMode |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | TrcRcvModeType |

Redistribute**Table 3-4367 Redistribute**

| Name | Value |
|----------------|--|
| Default | yes:disable |
| Description | Redistribute state. |
| Displayed name | Redistribute |
| OSS name | redistribute |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | RedistributeEnabled |

Regen Response**Table 3-4368 Regen Response**

| Name | Value |
|----------------|----------------------------|
| Description | Regen Response. |
| Displayed name | Regen Response |
| OSS name | regenResponse |
| Read-only | no |
| Tab Panel | Port Specifics.General OTU |
| Type | LosPropagation |

Repair Margin**Table 3-4369 Repair Margin**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:-99.0 |
| Description | EPT - splice margin. |
| Displayed name | Repair Margin |
| OSS name | ampPortPowerSpanRepairMargin |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Repair Margin**Table 3-4370 Repair Margin**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | EPT - splice margin. |
| Displayed name | Repair Margin |
| OSS name | ampPortPowerSpanRepairMargin |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

Router Priority**Table 3-4371 Router Priority**

| Name | Value |
|----------------|----------------------------------|
| Description | The router priority of the link. |
| Displayed name | Router Priority |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | cnRtrPriority |
| Read-only | no |

Table 3-4371 Router Priority (continued)

| Name | Value |
|-------------|-----------------------------|
| Tab Panel | Port Specifics.General OSPF |
| Type | LONG |

Rx Decision Threshold Voltage Adjustment**Table 3-4372 Rx Decision Threshold Voltage Adjustment**

| Name | Value |
|----------------|--|
| Default | yes:true |
| Displayed name | Rx Decision Threshold Voltage Adjustment |
| OSS name | rxdtvAdjust |
| Read-only | no |
| Tab Panel | General DWDM |
| Type | BOOL |

SA Bit**Table 3-4373 SA Bit**

| Name | Value |
|----------------|--|
| Description | SA Bit |
| Displayed name | SA Bit |
| OSS name | syncEBitsPortSaBit |
| Read-only | no |
| Tab Panel | Port Specifics.General BITS Attributes |
| Type | SyncEBitsPortSABit |

Secondary State**Table 3-4374 Secondary State**

| Name | Value |
|----------------|-----------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |

Table 3-4374 Secondary State (continued)

| Name | Value |
|-------------|--|
| Tab Panel | Port Specifics.General Facility States |
| Type | SecondaryStateType |

Secondary State**Table 3-4375 Secondary State**

| Name | Value |
|----------------|--------------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | States General |
| Type | SecondaryStateType |

Serial Number**Table 3-4376 Serial Number**

| Name | Value |
|----------------|----------------------------------|
| Description | Port Serial Number. |
| Displayed name | Serial Number |
| OSS name | portSerialNum |
| Read-only | no |
| Tab Panel | Port Specifics.General Inventory |
| Type | STRING |

Serial Number**Table 3-4377 Serial Number**

| Name | Value |
|----------------|---------------|
| Default | yes: |
| Displayed name | Serial Number |
| Maximum | 252 |
| OSS name | serialNumber |

Table 3-4377 Serial Number (continued)

| Name | Value |
|-------------|------------------------------|
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Serial Type

Table 3-4378 Serial Type

| Name | Value |
|----------------|-----------------|
| Default | yes:rs232 |
| Displayed name | Serial Type |
| OSS name | serialType |
| Read-only | no |
| Tab Panel | General General |
| Type | SerialType |

Service Launch Attenuation Offset

Table 3-4379 Service Launch Attenuation Offset

| Name | Value |
|----------------|---|
| Description | Added to the nominal attenuation lookup by WSS containing pack. Only applies to connectivity block in directionless architecture. Current configurable range: 0 to 1000 |
| Displayed name | Service Launch Attenuation Offset |
| Maximum | 10.0 |
| Minimum | 0.0 |
| OSS name | powerMgmtEgressLHLlaunchAtten |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dB |

SIG1**Table 3-4380 SIG1**

| Name | Value |
|----------------|--|
| Default | yes:16 |
| Description | Insertion loss to port SIG1 when disposed to this path. Add direction. |
| Displayed name | SIG1 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | addInsertionLossToSig1 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Add Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG1**Table 3-4381 SIG1**

| Name | Value |
|----------------|---|
| Default | yes:16 |
| Description | Insertion loss from port SIG1 when disposed to this path. Drop direction. |
| Displayed name | SIG1 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | dropInsertionLossFromSig1 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Drop Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG2**Table 3-4382 SIG2**

| Name | Value |
|-------------|--|
| Default | yes:16 |
| Description | Insertion loss to port SIG2 when disposed to this path. Add direction. |

Table 3-4382 SIG2 (continued)

| Name | Value |
|----------------|---|
| Displayed name | SIG2 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | addInsertionLossToSig2 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Add Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG2**Table 3-4383 SIG2**

| Name | Value |
|----------------|---|
| Default | yes:16 |
| Description | Insertion loss from port SIG2 when disposed to this path. Drop direction. |
| Displayed name | SIG2 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | dropInsertionLossFromSig2 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Drop Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG3**Table 3-4384 SIG3**

| Name | Value |
|----------------|--|
| Default | yes:16 |
| Description | Insertion loss to port SIG3 when disposed to this path. Add direction. |
| Displayed name | SIG3 |
| Maximum | 20 |
| Minimum | 0 |

Table 3-4384 SIG3 (continued)

| Name | Value |
|-------------|---|
| OSS name | addInsertionLossToSig3 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Add Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG3**Table 3-4385 SIG3**

| Name | Value |
|----------------|---|
| Default | yes:16 |
| Description | Insertion loss from port SIG3 when disposed to this path. Drop direction. |
| Displayed name | SIG3 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | dropInsertionLossFromSig3 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Drop Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG4**Table 3-4386 SIG4**

| Name | Value |
|----------------|--|
| Default | yes:16 |
| Description | Insertion loss to port SIG4 when disposed to this path. Add direction. |
| Displayed name | SIG4 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | addInsertionLossToSig4 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Add Insertion Loss |

Table 3-4386 SIG4 (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | dB |

SIG4**Table 3-4387 SIG4**

| Name | Value |
|----------------|---|
| Default | yes:16 |
| Description | Insertion loss from port SIG4 when disposed to this path. Drop direction. |
| Displayed name | SIG4 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | dropInsertionLossFromSig4 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Drop Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG5**Table 3-4388 SIG5**

| Name | Value |
|----------------|--|
| Default | yes:16 |
| Description | Insertion loss to port SIG5 when disposed to this path. Add direction. |
| Displayed name | SIG5 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | addInsertionLossToSig5 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Add Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG5**Table 3-4389 SIG5**

| Name | Value |
|----------------|---|
| Default | yes:16 |
| Description | Insertion loss from port SIG5 when disposed to this path. Drop direction. |
| Displayed name | SIG5 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | dropInsertionLossFromSig5 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Drop Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG6**Table 3-4390 SIG6**

| Name | Value |
|----------------|--|
| Default | yes:16 |
| Description | Insertion loss to port SIG6 when disposed to this path. Add direction. |
| Displayed name | SIG6 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | addInsertionLossToSig6 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Add Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG6**Table 3-4391 SIG6**

| Name | Value |
|-------------|---|
| Default | yes:16 |
| Description | Insertion loss from port SIG6 when disposed to this path. Drop direction. |

Table 3-4391 SIG6 (continued)

| Name | Value |
|----------------|--|
| Displayed name | SIG6 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | dropInsertionLossFromSig6 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Drop Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG7**Table 3-4392 SIG7**

| Name | Value |
|----------------|--|
| Default | yes:16 |
| Description | Insertion loss to port SIG7 when disposed to this path. Add direction. |
| Displayed name | SIG7 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | addInsertionLossToSig7 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Add Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG7**Table 3-4393 SIG7**

| Name | Value |
|----------------|---|
| Default | yes:16 |
| Description | Insertion loss from port SIG7 when disposed to this path. Drop direction. |
| Displayed name | SIG7 |
| Maximum | 20 |
| Minimum | 0 |

Table 3-4393 SIG7 (continued)

| Name | Value |
|-------------|--|
| OSS name | dropInsertionLossFromSig7 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Drop Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG8**Table 3-4394 SIG8**

| Name | Value |
|----------------|--|
| Default | yes:16 |
| Description | Insertion loss to port SIG8 when disposed to this path. Add direction. |
| Displayed name | SIG8 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | addInsertionLossToSig8 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Add Insertion Loss |
| Type | FLOAT |
| Units | dB |

SIG8**Table 3-4395 SIG8**

| Name | Value |
|----------------|---|
| Default | yes:16 |
| Description | Insertion loss from port SIG8 when disposed to this path. Drop direction. |
| Displayed name | SIG8 |
| Maximum | 20 |
| Minimum | 0 |
| OSS name | dropInsertionLossFromSig8 |
| Read-only | no |
| Tab Panel | Port Specifics.General Average Drop Insertion Loss |

Table 3-4395 SIG8 (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | dB |

Signal Degrade Threshold**Table 3-4396 Signal Degrade Threshold**

| Name | Value |
|----------------|--|
| Description | Integer range 5 to 9, representing 10**5 to 10**9. |
| Displayed name | Signal Degrade Threshold |
| OSS name | ampPortSignalDegradeThreshold |
| Read-only | no |
| Tab Panel | Port Specifics.General OSC / OSCSFP Attributes |
| Type | PortSignalDegradeThreshold |

Signal Degrade Threshold**Table 3-4397 Signal Degrade Threshold**

| Name | Value |
|----------------|-------------------------------------|
| Description | BER Threshold for SD defect (SDTH). |
| Displayed name | Signal Degrade Threshold |
| OSS name | msmonPortDegThLevel |
| Read-only | no |
| Tab Panel | Port Specifics.General CBR2G5 |
| Type | MsmmonSDTH |

Signal Degrade Threshold**Table 3-4398 Signal Degrade Threshold**

| Name | Value |
|----------------|-------------------------------------|
| Description | BER Threshold for SD defect (SDTH). |
| Displayed name | Signal Degrade Threshold |
| OSS name | msmonPortDegThLevel |
| Read-only | no |

Table 3-4398 Signal Degrade Threshold (continued)

| Name | Value |
|-------------|------------------------------------|
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | MsmmonSDTH |

Signal Failure Threshold**Table 3-4399 Signal Failure Threshold**

| Name | Value |
|----------------|--|
| Description | Integer range 4 to 5, representing 10**4 to 10**5. |
| Displayed name | Signal Failure Threshold |
| OSS name | ampPortSignalFailThreshold |
| Read-only | no |
| Tab Panel | Port Specifics.General OSC / OSCSFP Attributes |
| Type | PortSignalFailThreshold |

Signal Failure Threshold**Table 3-4400 Signal Failure Threshold**

| Name | Value |
|----------------|--|
| Description | BER Threshold for excessive BER defect (SFTH). |
| Displayed name | Signal Failure Threshold |
| OSS name | msmonExcThLevel |
| Read-only | no |
| Tab Panel | Port Specifics.General CBR2G5 |
| Type | MsmmonSFTH |

Signal Failure Threshold**Table 3-4401 Signal Failure Threshold**

| Name | Value |
|----------------|--|
| Description | BER Threshold for excessive BER defect (SFTH). |
| Displayed name | Signal Failure Threshold |
| OSS name | msmonExcThLevel |
| Read-only | no |

Table 3-4401 Signal Failure Threshold (continued)

| Name | Value |
|-------------|------------------------------------|
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | MsmoSFTH |

Signal Mode**Table 3-4402 Signal Mode**

| Name | Value |
|----------------|------------------------------------|
| Description | RSMON Egress Port signal mode. |
| Displayed name | Signal Mode |
| OSS name | rsmonEgrSigMode |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | RsMonSigMode |

Signal Mode**Table 3-4403 Signal Mode**

| Name | Value |
|----------------|------------------------------------|
| Description | RSMON Ingress signal mode. |
| Displayed name | Signal Mode |
| OSS name | rsmonIngrSigMode |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | RsMonSigMode |

Signal Output Power**Table 3-4404 Signal Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total input power plus the programmed gain. Applies to the signal port of the amplifier card |
| Displayed name | Signal Output Power |

Table 3-4404 Signal Output Power (continued)

| Name | Value |
|-------------|----------------------------------|
| OSS name | ampPortSignalPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dBm |

Signal Output Power**Table 3-4405 Signal Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total input power plus the programmed gain. Applies to the signal port of the amplifier card |
| Displayed name | Signal Output Power |
| OSS name | ampPortSignalPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dBm |

Signal Output Power**Table 3-4406 Signal Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total input power plus the programmed gain. Applies to the output port of the mesh card. |
| Displayed name | Signal Output Power |
| OSS name | meshPortSignalPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Signal Output Power**Table 3-4407 Signal Output Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The signal power out of the Raman LINEOUT port. |
| Displayed name | Signal Output Power |
| OSS name | rmnPortSignalPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Signal Output Power**Table 3-4408 Signal Output Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The signal power out of the Raman LINEOUT port. |
| Displayed name | Signal Output Power |
| OSS name | rmnPortSignalPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | FLOAT |
| Units | dBm |

Signal Type**Table 3-4409 Signal Type**

| Name | Value |
|----------------|--|
| Description | Signal type for PTP BIT |
| Displayed name | Signal Type |
| OSS name | syncEBitsPortSigType |
| Read-only | no |
| Tab Panel | Port Specifics.General BITS Attributes |
| Type | SyncEBitsPortSigType |

Site ID**Table 3-4410 Site ID**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site Name**Table 3-4411 Site Name**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Skew Info**Table 3-4412 Skew Info**

| Name | Value |
|----------------|---|
| Description | The relative skew between the 20 logical lanes on OTU4. The string contains the skew for each logical lane separated by spaces. |
| Displayed name | Skew Info |
| OSS name | lpSkewInfoString |
| Read-only | no |
| Tab Panel | Port Specifics.General Skew |
| Type | STRING |

Software Part Number
Table 3-4413 Software Part Number

| Name | Value |
|----------------|----------------------------------|
| Displayed name | Software Part Number |
| OSS name | portSoftwarePartNum |
| Read-only | no |
| Tab Panel | Port Specifics.General Inventory |
| Type | STRING |

Source IP**Table 3-4414 Source IP**

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | A source IP address that the system shall monitor when cnLinkCitAutoStateCtrl is true. |
| Displayed name | Source IP |
| OSS name | cnLinkAutoStateSourceIP |
| Read-only | no |
| Tab Panel | Port Specifics.General Auto-Disable port Status |
| Type | INETADDR |

Span Loss Tilt**Table 3-4415 Span Loss Tilt**

| Name | Value |
|----------------|---|
| Description | Linear fit of attenuation vs FREQ across defined channel min, max for tnPowerMgmtFiber-SpanTiltPreComp.Current configurable range:0 to 300. |
| Displayed name | Span Loss Tilt |
| Maximum | 3.0 |
| Minimum | 0.0 |
| OSS name | powerMgmtPortFiberSpanTilt |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dB |

SPB Service Mode
Table 3-4416 SPB Service Mode

| Name | Value |
|----------------|---|
| Default | yes:2 |
| Description | This property is specific to AOS family |
| Displayed name | SPB Service Mode |
| OSS name | spbServicePortMode |
| Read-only | no |
| Tab Panel | General Service Access Info |
| Type | INT |

Specific Description**Table 3-4417 Specific Description**

| Name | Value |
|----------------|--------------------------------|
| Description | Port Description. |
| Displayed name | Specific Description |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | apDesc |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | STRING |

Speed**Table 3-4418 Speed**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Speed |
| OSS name | speed |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.Speed |
| Units | Mbps |

Splice Margin
Table 3-4419 Splice Margin

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The adjustment made to min/max gain by power management when commissioning. |
| Displayed name | Splice Margin |
| Maximum | 10 |
| Minimum | 0 |
| OSS name | ampPortPowerGainBackoff |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Splice Margin**Table 3-4420 Splice Margin**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The adjustment made to min/max gain by power management when commissioning. |
| Displayed name | Splice Margin |
| Maximum | 10 |
| Minimum | 0 |
| OSS name | ampPortPowerGainBackoff |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

Split Horizon Group**Table 3-4421 Split Horizon Group**

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Split Horizon Group |

Table 3-4421 Split Horizon Group (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | portShgPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

SSF Laser Consequent Action**Table 3-4422 SSF Laser Consequent Action**

| Name | Value |
|----------------|--|
| Description | This parameter defines the Consequent Action in case of SSF for port-port applications |
| Displayed name | SSF Laser Consequent Action |
| OSS name | ssfLaserConsequentAction |
| Read-only | no |
| Tab Panel | Port Specifics.General Gigabit Ethernet |
| Type | ConsequentActionType |

State**Table 3-4423 State**

| Name | Value |
|----------------|--|
| Default | yes:2 |
| Description | The encryption status. |
| Displayed name | State |
| OSS name | encryptionState |
| Read-only | no |
| Tab Panel | Port Specifics.General Encryption Management |
| Type | EncryptionOnOff |

State**Table 3-4424 State**

| Name | Value |
|---------|-------|
| Default | yes:1 |

Table 3-4424 State (continued)

| Name | Value |
|--------------------------|----------------|
| Displayed name | State |
| OSS name | state |
| Read-only | yes |
| Tab Panel | States General |
| Type | PortState |
| Enumerated types: | |
| Diagnose | |
| Ghost | |
| Link Down | |
| Link Up | |
| None | |
| Up | |

State Qualifier**Table 3-4425 State Qualifier**

| Name | Value |
|----------------|--------------------------------|
| Description | State Qualifier of the Port. |
| Displayed name | State Qualifier |
| OSS name | apStateQualifier |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | StateQualifier |

Status**Table 3-4426 Status**

| Name | Value |
|----------------|-------------------------|
| Default | yes:indeterminate |
| Displayed name | Status |
| OSS name | compositeEquipmentState |
| Read-only | yes |
| Tab Panel | States General |

Table 3-4426 Status (continued)

| Name | Value |
|--------------------------|-------------------------|
| Type | CompositeEquipmentState |
| Enumerated types: | |
| Admin Down | |
| In Test | |
| Link Down | |
| N/A | |
| OK | |
| Oper Down | |
| Parent Admin Down | |
| Parent In Test | |
| Parent Oper Down | |
| Parent Removed | |
| Parent Type Mismatch | |
| Removed | |
| Type Mismatch | |

Status

Table 3-4427 Status

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:notEquipped |
| Displayed name | Status |
| OSS name | sfpStatus |
| Read-only | yes |
| Tab Panel | General Media Adaptor |
| Type | PortSfpStatus |
| Enumerated types: | |
| Data Corrupt | |
| DDM Corrupt | |
| Not Equipped | |
| Operational | |
| Read Error | |
| SFP Unsupported | |

Status LED Color
Table 3-4428 Status LED Color

| Name | Value |
|----------------|--|
| Description | apLEDStatus is built using apLEDColor and apLEDState |
| Displayed name | Status LED Color |
| OSS name | apLEDStatus |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | STRING |

Subnet Mask**Table 3-4429 Subnet Mask**

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | Control Network Link SubnetMask. |
| Displayed name | Subnet Mask |
| OSS name | cnSubnetMask |
| Read-only | no |
| Tab Panel | Port Specifics.General Control Network |
| Type | INETADDR |

Subrack Connection**Table 3-4430 Subrack Connection**

| Name | Value |
|----------------|--|
| Default | no |
| Description | specifies where the MPT is connected to on the subrack |
| Displayed name | Subrack Connection |
| OSS name | mptSubrackPointer |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | POINTER |

SVLAN Tag Protocol ID
Table 3-4431 SVLAN Tag Protocol ID

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:qinqtpid1 |
| Description | The QinQ mode TPID for 11DPE12E port. |
| Displayed name | SVLAN Tag Protocol ID |
| OSS name | sVLANTagProtocolTPID |
| Read-only | no |
| Tab Panel | Port Specifics.General Ethernet |
| Type | QinQTPID |

Switching Threshold**Table 3-4432 Switching Threshold**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | If the power drops below this threshold, a protection switch will be executed. This is accessible from ports 2 and 3 (working or protected) exclusively. |
| Displayed name | Switching Threshold |
| Maximum | 5 |
| Minimum | -32 |
| OSS name | opsSwitchingThreshold |
| Read-only | no |
| Tab Panel | Port Specifics.General OPS |
| Type | FLOAT |
| Units | dBm |

Switching Threshold Calculation Mode**Table 3-4433 Switching Threshold Calculation Mode**

| Name | Value |
|----------------|--|
| Description | Indicates if the OPSA switch threshold is calculated by the NE (auto) or set by the user (manual) - applies to ports 2 and 3 (A and B) of the OPSA card. |
| Displayed name | Switching Threshold Calculation Mode |
| OSS name | opsSwitchingThreshCalcControl |

Table 3-4433 Switching Threshold Calculation Mode (continued)

| Name | Value |
|-------------|----------------------------|
| Read-only | no |
| Tab Panel | Port Specifics.General OPS |
| Type | ThresholdCalcControl |

Switching Threshold Tolerance

Table 3-4434 Switching Threshold Tolerance

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The tolerance applied to the port switching threshold. This is accessible from ports 2 and 3 (working or protected) exclusively. |
| Displayed name | Switching Threshold Tolerance |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | opsSwitchingThreshTolerance |
| Read-only | no |
| Tab Panel | Port Specifics.General OPS |
| Type | FLOAT |
| Units | dB |

Target Gain

Table 3-4435 Target Gain

| Name | Value |
|----------------|------------------------------|
| Default | yes:-99.0 |
| Description | The AGC mode target gain. |
| Displayed name | Target Gain |
| Maximum | 20 |
| Minimum | 2 |
| OSS name | rmnPortAgcTargetGain |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |

Table 3-4435 Target Gain (continued)

| Name | Value |
|-------|-------|
| Units | dB |

Target Gain**Table 3-4436 Target Gain**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The AGC mode target gain. |
| Displayed name | Target Gain |
| Maximum | 20 |
| Minimum | 2 |
| OSS name | rmnPortAgcTargetGain |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | FLOAT |
| Units | dB |

Target Tilt**Table 3-4437 Target Tilt**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:-99.0 |
| Description | EPT - Tilt. |
| Displayed name | Target Tilt |
| Maximum | 0 |
| Minimum | -3 |
| OSS name | ampPortTargetTilt |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dB |

Target Tilt
Table 3-4438 Target Tilt

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | EPT - Tilt. |
| Displayed name | Target Tilt |
| Maximum | 0 |
| Minimum | -3 |
| OSS name | ampPortTargetTilt |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dB |

Target Tilt**Table 3-4439 Target Tilt**

| Name | Value |
|----------------|------------------------------|
| Default | yes:-99.0 |
| Description | The tilt target. |
| Displayed name | Target Tilt |
| Maximum | 3 |
| Minimum | -3 |
| OSS name | rmnPortTiltTarget |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dB |

TCA Profile**Table 3-4440 TCA Profile**

| Name | Value |
|----------------|-------------------|
| Displayed name | TCA Profile |
| OSS name | tcaProfilePointer |

Table 3-4440 TCA Profile (continued)

| Name | Value |
|-------------|------------------------------------|
| Read-only | no |
| Tab Panel | Port Specifics.General TCA Profile |
| Type | POINTER |

Terminal Loopback

Table 3-4441 Terminal Loopback

| Name | Value |
|----------------|--------------------------------------|
| Description | Terminal Loopback. |
| Displayed name | Terminal Loopback |
| OSS name | terminalLoopback |
| Read-only | no |
| Tab Panel | Port Specifics.General Test/Analysis |
| Type | BOOL |

Test In Progress?

Table 3-4442 Test In Progress?

| Name | Value |
|----------------|---|
| Description | Node sets to true when testing in progress on port (logic). |
| Displayed name | Test In Progress? |
| OSS name | testInProgress |
| Read-only | no |
| Tab Panel | Port Specifics.General Test/Analysis |
| Type | BOOL |

Test Signal Loopback

Table 3-4443 Test Signal Loopback

| Name | Value |
|----------------|-----------------------|
| Description | Test Signal Loopback. |
| Displayed name | Test Signal Loopback |
| OSS name | testSignalLoopback |

Table 3-4443 Test Signal Loopback (continued)

| Name | Value |
|-------------|--------------------------------------|
| Read-only | no |
| Tab Panel | Port Specifics.General Test/Analysis |
| Type | BOOL |

Tilt Calculation Coefficient for DCM**Table 3-4444 Tilt Calculation Coefficient for DCM**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Modeling coefficient for the SRSTilt . |
| Displayed name | Tilt Calculation Coefficient for DCM |
| Maximum | 10000 |
| Minimum | 0 |
| OSS name | ampPortSRSTiltACoeffDCM |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | INT |

Time Offset Past Hour**Table 3-4445 Time Offset Past Hour**

| Name | Value |
|----------------|---|
| Description | This is used to enter the base period past the hour for scheduled ingress adjustments. The unit is in 100s of ms. Value of -1 means not configured. Current configurable range: -1 to 863999. |
| Displayed name | Time Offset Past Hour |
| OSS name | powerMgmtPortGainAdjSchedBase |
| Read-only | no |
| Tab Panel | Port Specifics.General Gain Adjustment Settings |
| Type | STRING |
| Units | HH:MM:SS |

Time Period Between Adjustments

Table 3-4446 Time Period Between Adjustments

| Name | Value |
|----------------|--|
| Description | This is used to enter the timer length between enablements for the OMS section. The unit is in 100s of ms. Value of -1 means not configured. Current configurable range: -1 to 863999. |
| Displayed name | Time Period Between Adjustments |
| OSS name | powerMgmtPortGainAdjTimerPeriod |
| Read-only | no |
| Tab Panel | Port Specifics.General Gain Adjustment Settings |
| Type | STRING |
| Units | HH:MM:SS |

ToD Format

Table 3-4447 ToD Format

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:0 |
| Description | Direction |
| Displayed name | ToD Format |
| OSS name | todFormat |
| Read-only | no |
| Tab Panel | Port Specifics.General TOD Attributes |
| Type | PtpTodFormat |

ToD Status

Table 3-4448 ToD Status

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:1 |
| Description | Direction |
| Displayed name | ToD Status |
| OSS name | todStatus |
| Read-only | no |
| Tab Panel | Port Specifics.General TOD Attributes |
| Type | PtpTodStatus |

Total Input Power**Table 3-4449 Total Input Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | DCM In port of the amplifier card. -9900 indicates No Measured Power. |
| Displayed name | Total Input Power |
| OSS name | ampPortDCMInPower |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dBm |

Total Input Power**Table 3-4450 Total Input Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The total input power. Applies to fromDem and line ports of the amplifier card: |
| Displayed name | Total Input Power |
| OSS name | ampPortPowerIn |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dBm |

Total Input Power**Table 3-4451 Total Input Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The total power into the Raman LINEIN port. |
| Displayed name | Total Input Power |
| Maximum | 16 |
| Minimum | -99 |
| OSS name | rmnPortTotalPowerIn |

Table 3-4451 Total Input Power (continued)

| Name | Value |
|-------------|------------------------------|
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Total Input Power**Table 3-4452 Total Input Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The total power into the Raman LINEIN port. |
| Displayed name | Total Input Power |
| Maximum | 16 |
| Minimum | -99 |
| OSS name | rmnPortTotalPowerIn |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | FLOAT |
| Units | dBm |

Total Input Power**Table 3-4453 Total Input Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total ingress power of the optical signal. |
| Displayed name | Total Input Power |
| OSS name | wkPortNwPowerIn |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dBm |

Total Input Power**Table 3-4454 Total Input Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total ingress power of the optical signal. |
| Displayed name | Total Input Power |
| OSS name | wkPortNwPowerIn |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Total Input Power**Table 3-4455 Total Input Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The total power into the WTOCM IN port. |
| Displayed name | Total Input Power |
| OSS name | wtoctmPortInfoPower |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Total Output Power**Table 3-4456 Total Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | DCM Out port of the amplifier card. -9900 indicates No Measured Power. |
| Displayed name | Total Output Power |
| OSS name | ampPortDCMOutPower |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |

Table 3-4456 Total Output Power (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | dBm |

Total Output Power**Table 3-4457 Total Output Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The total output power. Applies to the signal and toDcm ports of the amplifier card |
| Displayed name | Total Output Power |
| OSS name | ampPortPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Amplifier |
| Type | FLOAT |
| Units | dBm |

Total Output Power**Table 3-4458 Total Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total output power. Applies to the output port of the mesh card. |
| Displayed name | Total Output Power |
| OSS name | meshPortPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Total Output Power**Table 3-4459 Total Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total power out of the Raman LINEOUT port. |
| Displayed name | Total Output Power |
| OSS name | rmnPortTotalPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Total Output Power**Table 3-4460 Total Output Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The total power out of the Raman LINEOUT port. |
| Displayed name | Total Output Power |
| OSS name | rmnPortTotalPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Raman Amp Attributes |
| Type | FLOAT |
| Units | dBm |

Total Output Power**Table 3-4461 Total Output Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The total egress power of the optical signal. |
| Displayed name | Total Output Power |
| OSS name | wkPortNwPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Connectivity Testing |

Table 3-4461 Total Output Power (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | dBm |

Total Output Power**Table 3-4462 Total Output Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The total egress power of the optical signal. |
| Displayed name | Total Output Power |
| OSS name | wkPortNwPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General EDFA Amp Attributes |
| Type | FLOAT |
| Units | dBm |

Total Output Power**Table 3-4463 Total Output Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The total egress power of the optical signal. |
| Displayed name | Total Output Power |
| OSS name | wkPortNwPowerOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Total Output Power at Monitored Port
Table 3-4464 Total Output Power at Monitored Port

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The total power out of associated monitored port. |
| Displayed name | Total Output Power at Monitored Port |
| OSS name | wtoCmPortInfoPowerMonitoredPort |
| Read-only | no |
| Tab Panel | Port Specifics.General Power |
| Type | FLOAT |
| Units | dBm |

Trace Identifier Mismatch Monitored**Table 3-4465 Trace Identifier Mismatch Monitored**

| Name | Value |
|----------------|---|
| Description | Determines if the incoming/receive signal is monitored for the detection of Trace Identifier Mismatch defect (dTIM) |
| Displayed name | Trace Identifier Mismatch Monitored |
| OSS name | treMon |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | BOOL |

Transmit Frequency**Table 3-4466 Transmit Frequency**

| Name | Value |
|----------------|-----------------------------|
| Description | The programmed ITU channel. |
| Displayed name | Transmit Frequency |
| OSS name | nwPortProgrammedChannel |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | ITUChannel |

Transmit Lane Power**Table 3-4467 Transmit Lane Power**

| Name | Value |
|----------------|---|
| Description | OT Baseline TX lane power. |
| Displayed name | Transmit Lane Power |
| Maximum | 400 |
| Minimum | 0 |
| OSS name | otPortTxLaneBslPowers |
| Read-only | no |
| Tab Panel | Port Specifics.General Lane Power Baseline Values |
| Type | STRING |
| Units | dBm |

Transmit Lane Power**Table 3-4468 Transmit Lane Power**

| Name | Value |
|----------------|---|
| Description | CFP transmit lane powers for the number of lanes supported by a CFP type. |
| Displayed name | Transmit Lane Power |
| OSS name | otPortTxLanePowers |
| Read-only | no |
| Tab Panel | Port Specifics.General Lane Power Measured Values |
| Type | STRING |
| Units | dBm |

Transmit Power**Table 3-4469 Transmit Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The transmit power after the VOA. |
| Displayed name | Transmit Power |
| OSS name | otPortTxPower |
| Read-only | no |
| Tab Panel | Port Specifics.General General Attributes |

Table 3-4469 Transmit Power (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | dBm |

Transmit Power**Table 3-4470 Transmit Power**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:-99.0 |
| Description | The transmit power after the VOA. |
| Displayed name | Transmit Power |
| OSS name | otPortTxPower |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | FLOAT |
| Units | dBm |

Transmitted J0**Table 3-4471 Transmitted J0**

| Name | Value |
|----------------|------------------------------------|
| Default | yes: |
| Description | RSMON Egress Tim transmitted tti. |
| Displayed name | Transmitted J0 |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | rsmonEgrTxTti |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | STRING |

Transmitted J0**Table 3-4472 Transmitted J0**

| Name | Value |
|----------------|------------------------------------|
| Description | RSMON Ingress transmitted TTI. |
| Displayed name | Transmitted J0 |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | rsmonIngrTxTti |
| Read-only | no |
| Tab Panel | Port Specifics.General SONET / SDH |
| Type | STRING |

Transmitted SSM**Table 3-4473 Transmitted SSM**

| Name | Value |
|----------------|--|
| Description | Transmitted SSM |
| Displayed name | Transmitted SSM |
| OSS name | syncEBitsPortOutputSSMTrans |
| Read-only | no |
| Tab Panel | Port Specifics.General BITS Attributes |
| Type | SyncEBitsPortOutputSSMTrans |

Transponder Transmit Power**Table 3-4474 Transponder Transmit Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The transmit power after the MSA transponder and before the VOA. |
| Displayed name | Transponder Transmit Power |
| OSS name | otPortTxPowerLaser |
| Read-only | no |
| Tab Panel | Port Specifics.General Laser |
| Type | FLOAT |
| Units | dBm |

UNI Profile
Table 3-4475 UNI Profile

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the UNI Profile Policy object. |
| Displayed name | UNI Profile |
| OSS name | uniProfilePointer |
| Read-only | no |
| Tab Panel | Policies.General UNI Profile |
| Type | POINTER |

Unit Part Number**Table 3-4476 Unit Part Number**

| Name | Value |
|----------------|----------------------------------|
| Description | Port Manufacturing Part Number. |
| Displayed name | Unit Part Number |
| OSS name | portManufacturingPartNum |
| Read-only | no |
| Tab Panel | Port Specifics.General Inventory |
| Type | STRING |

Untagged/PriorityCE-VLAN ID**Table 3-4477 Untagged/PriorityCE-VLAN ID**

| Name | Value |
|----------------|--|
| Description | Untagged/PriorityCE-VLAN ID: The PVID for 11DPE12E port. |
| Displayed name | Untagged/PriorityCE-VLAN ID |
| OSS name | untaggedPriorityCeVlanId |
| Read-only | no |
| Tab Panel | Port Specifics.General Ethernet |
| Type | LONG |

Use System Default AINS Timer
Table 3-4478 Use System Default AINS Timer

| Name | Value |
|----------------|--|
| Description | Using System AINS Debounce Time. Sets with a value of false are restricted. The network operator must set Port AINS Debounce Time to some valid value to disable the use of System AINS Debounce Time. Setting the Port AINS Debounce Time and Port AINS Use System Default to true in the same set request is restricted. |
| Displayed name | Use System Default AINS Timer |
| OSS name | apUsingSysAinsDebounceTime |
| Read-only | no |
| Tab Panel | Port Specifics.General AINS |
| Type | BOOL |

User label**Table 3-4479 User label**

| Name | Value |
|----------------|-----------------|
| Default | no |
| Displayed name | User label |
| Maximum | 15 |
| OSS name | userLabel |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Vlan Xlation Mode**Table 3-4480 Vlan Xlation Mode**

| Name | Value |
|----------------|---|
| Default | yes:2 |
| Description | This property is specific to AOS family |
| Displayed name | Vlan Xlation Mode |
| OSS name | portVlanXlation |
| Read-only | no |
| Tab Panel | General Service Access Info |
| Type | INT |

VOA Attenuation
Table 3-4481 VOA Attenuation

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The attenuation of the attenuator - applies to ports 2 and 3 (A and B) of the OPSA card. -1 means that max attenuation is applied. |
| Displayed name | VOA Attenuation |
| Maximum | 20 |
| Minimum | -1 |
| OSS name | opsTxAttenuation |
| Read-only | no |
| Tab Panel | Port Specifics.General OPS |
| Type | FLOAT |
| Units | dB |

VOA Mode**Table 3-4482 VOA Mode**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:power |
| Description | Sets the port operating mode. |
| Displayed name | VOA Mode |
| OSS name | voaMode |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | VoaAttenuationType |

VPLS Mode**Table 3-4483 VPLS Mode**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Applicable for AOS Fuji2 Nodes. The mode of the VPLS service being configured on the Ethernet Access Port. |
| Displayed name | VPLS Mode |

Table 3-4483 VPLS Mode (continued)

| Name | Value |
|-------------|----------------------|
| OSS name | vplsMode |
| Read-only | no |
| Tab Panel | General VPLS Service |
| Type | netw.VplsMode |

VTS1 Source**Table 3-4484 VTS1 Source**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Indicates the 'port connected to' from Virtual Time Slot 1 of 11DPE12 Line Port. |
| Displayed name | VTS1 Source |
| OSS name | vt1Source |
| Read-only | no |
| Tab Panel | Port Specifics.General VTS Map |
| Type | VtsSource |

VTS10 Source**Table 3-4485 VTS10 Source**

| Name | Value |
|----------------|---|
| Default | yes:none |
| Description | Indicates the 'port connected to' from Virtual Time Slot 10 of 11DPE12 Line Port. |
| Displayed name | VTS10 Source |
| OSS name | vt10Source |
| Read-only | no |
| Tab Panel | Port Specifics.General VTS Map |
| Type | VtsSource |

VTs2 Source
Table 3-4486 VTs2 Source

| Name | Value |
|----------------|---|
| Default | yes:none |
| Description | Indicates the 'port connected to' from Virtual Time Slot 2 of 11DPE12 Line Port.. |
| Displayed name | VTs2 Source |
| OSS name | vtS2Source |
| Read-only | no |
| Tab Panel | Port Specifics.General VTS Map |
| Type | VtsSource |

VTs3 Source**Table 3-4487 VTs3 Source**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Indicates the 'port connected to' from Virtual Time Slot 3 of 11DPE12 Line Port. |
| Displayed name | VTs3 Source |
| OSS name | vtS3Source |
| Read-only | no |
| Tab Panel | Port Specifics.General VTS Map |
| Type | VtsSource |

VTs4 Source**Table 3-4488 VTs4 Source**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Indicates the 'port connected to' from Virtual Time Slot 4 of 11DPE12 Line Port. |
| Displayed name | VTs4 Source |
| OSS name | vtS4Source |
| Read-only | no |
| Tab Panel | Port Specifics.General VTS Map |
| Type | VtsSource |

VT55 Source**Table 3-4489 VT55 Source**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Indicates the 'port connected to' from Virtual Time Slot 5 of 11DPE12 Line Port. |
| Displayed name | VT55 Source |
| OSS name | vt55Source |
| Read-only | no |
| Tab Panel | Port Specifics.General VT5 Map |
| Type | VtsSource |

VT56 Source**Table 3-4490 VT56 Source**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Indicates the 'port connected to' from Virtual Time Slot 6 of 11DPE12 Line Port. |
| Displayed name | VT56 Source |
| OSS name | vt56Source |
| Read-only | no |
| Tab Panel | Port Specifics.General VT5 Map |
| Type | VtsSource |

VT57 Source**Table 3-4491 VT57 Source**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Indicates the 'port connected to' from Virtual Time Slot 7 of 11DPE12 Line Port. |
| Displayed name | VT57 Source |
| OSS name | vt57Source |
| Read-only | no |
| Tab Panel | Port Specifics.General VT5 Map |
| Type | VtsSource |

VTs8 Source**Table 3-4492 VTs8 Source**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Indicates the 'port connected to' from Virtual Time Slot 8 of 11DPE12 Line Port. |
| Displayed name | VTs8 Source |
| OSS name | vtS8Source |
| Read-only | no |
| Tab Panel | Port Specifics.General VTs Map |
| Type | VtsSource |

VTs9 Source**Table 3-4493 VTs9 Source**

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | Indicates the 'port connected to' from Virtual Time Slot 9 of 11DPE12 Line Port. |
| Displayed name | VTs9 Source |
| OSS name | vtS9Source |
| Read-only | no |
| Tab Panel | Port Specifics.General VTs Map |
| Type | VtsSource |

Wave Key 1**Table 3-4494 Wave Key 1**

| Name | Value |
|----------------|---|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected. WriteAccess is none as we don't allow the user to change this on the single port. This will be set during transport service creation when the service involves dangling OTs ie.,when OT from ne1 connects directly to filter channel port of ne2. |
| Displayed name | Wave Key 1 |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKeyEncodeProgrammedWK1 |

Table 3-4494 Wave Key 1 (continued)

| Name | Value |
|-------------|--|
| Read-only | no |
| Tab Panel | Port Specifics.General Wave Key Encode |
| Type | LONG |

Wave Key 2**Table 3-4495 Wave Key 2**

| Name | Value |
|----------------|---|
| Description | WriteAccess is none as we don't allow the user to change this on the single port. This will be set during transport service creation when the service involves dangling OTs ie.,when OT from ne1 connects directly to filter channel port of ne2. |
| Displayed name | Wave Key 2 |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKeyEncodeProgrammedWK2 |
| Read-only | no |
| Tab Panel | Port Specifics.General Wave Key Encode |
| Type | LONG |

Wave Key Transmit Status**Table 3-4496 Wave Key Transmit Status**

| Name | Value |
|----------------|---|
| Description | Indicates whether or not Wave Keys are transmitted. |
| Displayed name | Wave Key Transmit Status |
| OSS name | waveKeyEncodeTransmitState |
| Read-only | no |
| Tab Panel | Port Specifics.General Wave Key Encode |
| Type | DisabledEnabled |

Wave Tracker Key Enabled**Table 3-4497 Wave Tracker Key Enabled**

| Name | Value |
|----------------|--|
| Description | The parameter specifies whether WaveTracker key is enabled (value: Y) or not (value N) . . |
| Displayed name | Wave Tracker Key Enabled |
| OSS name | waveTrackerKeyEnabled |
| Read-only | no |
| Tab Panel | Port Specifics.General Wave Key Encode |
| Type | BOOL |

Wavelength Tracker Decoder Usage**Table 3-4498 Wavelength Tracker Decoder Usage**

| Name | Value |
|----------------|--|
| Description | The type of WTD used egress. |
| Displayed name | Wavelength Tracker Decoder Usage |
| OSS name | powerMgmtWtdUsageTypeOut |
| Read-only | no |
| Tab Panel | Port Specifics.General Wavelength Tracker Settings |
| Type | WtdUsageType |

WaveLength Tracker domain**Table 3-4499 WaveLength Tracker domain**

| Name | Value |
|----------------|---|
| Description | The numbered domain used for WT key selection for add XCs to this port;applies to external line facing ports. Current configurable range:0 to 19. |
| Displayed name | WaveLength Tracker domain |
| OSS name | portWtDomainNumber |
| Read-only | no |
| Tab Panel | Port Specifics.General General |
| Type | INT |

Working Time Slot

Table 3-4500 Working Time Slot

| Name | Value |
|----------------|--|
| Description | This is for 11dpge12, string built using ts1 and ts2 values. |
| Displayed name | Working Time Slot |
| OSS name | workingTimeSlot |
| Read-only | no |
| Tab Panel | Port Specifics.General OT |
| Type | STRING |

Port Group Firmware Details parameters

Card Type

Table 3-4501 Card Type

| Name | Value |
|--------------------------|--|
| Description | The valid card type in the card firmware profile |
| Displayed name | Card Type |
| Mandatory on creation | yes |
| OSS name | cardType |
| Read-only | no |
| Tab Panel | General Port Group Firmware |
| Type | NECardType |
| Enumerated types: | |
| | |
| 1dpp21 | |
| io24anmb | |
| mt1t9 | |
| mt3t8 | |
| psc1_6 | |
| pss_aluWdm112pdm11Card | |
| pss_aluWdm112sa11Card | |
| pss_aluWdm112sca1Card | |
| pss_aluWdm112scx10Card | |

Table 3-4501 Card Type (continued)

| Name | Value |
|--------------------------|-------|
| pss_aluWdm112sdx11Card | |
| pss_aluWdm112sna1Card | |
| pss_aluWdm112snx10Card | |
| pss_aluWdm112sx10lCard | |
| pss_aluWdm11dpe12aCard | |
| pss_aluWdm11dpe12eCard | |
| pss_aluWdm11dpge12Card | |
| pss_aluWdm11dpm12Card | |
| pss_aluWdm11dpm4eCard | |
| pss_aluWdm11dpm4mCard | |
| pss_aluWdm11dpm8Card | |
| pss_aluWdm11ope8Card | |
| pss_aluWdm11qce12xCard | |
| pss_aluWdm11qpa4Card | |
| pss_aluWdm11qpe24Card | |
| pss_aluWdm11qpen4Card | |
| pss_aluWdm11star1aCard | |
| pss_aluWdm11star1Card | |
| pss_aluWdm11stge12Card | |
| pss_aluWdm11stmm10Card | |
| pss_aluWdm130sca1Card | |
| pss_aluWdm130scx10Card | |
| pss_aluWdm130snx10Card | |
| pss_aluWdm1dpp24mCard | |
| pss_aluWdm260scx2Card | |
| pss_aluWdm43sca1OTU3Card | |
| pss_aluWdm43scge1Card | |
| pss_aluWdm43scx4Card | |
| pss_aluWdm43scx4eCard | |
| pss_aluWdm43sta1pCard | |
| pss_aluWdm43stx4Card | |
| pss_aluWdm43stx4pCard | |
| pss_aluWdm4dpa2Card | |

Table 3-4501 Card Type (continued)

| Name | Value |
|---------------------------------------|-------|
| pss_aluWdm4dpa4Card | |
| pss_aluWdm4qpa8Card | |
| pss_aluWdmA2325aCard | |
| pss_aluWdmA4pswgCard | |
| pss_aluWdmAa2donwCard | |
| pss_aluWdmAar8aCard | |
| pss_aluWdmAhphgCard | |
| pss_aluWdmAhplgCard | |
| pss_aluWdmAlpfgkCard | |
| pss_aluWdmAlpfgtCard | |
| pss_aluWdmAlphgCard | |
| pss_aluWdmAm2017bCard | |
| pss_aluWdmAm2032aCard | |
| pss_aluWdmAm2125aCard | |
| pss_aluWdmAm2125bCard | |
| pss_aluWdmAm2318aCard | |
| pss_aluWdmAm2325bCard | |
| pss_aluWdmAm2625aCard | |
| pss_aluWdmAswgCard | |
| pss_aluWdmcl10an10gCard | |
| pss_aluWdmcl24anmCard | |
| pss_aluWdmCwr8c88Card | |
| pss_aluWdmCwr8Card | |
| pss_aluWdmDcmCard | |
| pss_aluWdmEquipmentControllerCard | |
| pss_aluWdmEquipmentControllerCardPss4 | |
| pss_aluWdmFirstLevelControllerCard | |
| pss_aluWdmIo10et10gCard | |
| pss_aluWdmIo24et1gbCard | |
| pss_aluWdmIo4an10gCard | |
| pss_aluWdmIo8et1gbCard | |
| pss_aluWdmItlbCard | |
| pss_aluWdmItluCard | |

Table 3-4501 Card Type (continued)

| Name | Value |
|------------------------------|-------|
| pss_aluWdmMatrix0CompactCard | |
| pss_aluWdmMcs8x16Card | |
| pss_aluWdmMesh4Card | |
| pss_aluWdmMVAC8BCard | |
| pss_aluWdmMVACCard | |
| pss_aluWdmOpsaCard | |
| pss_aluWdmOpsbCard | |
| pss_aluWdmOscCard | |
| pss_aluWdmOscCard | |
| pss_aluWdmPtpCtlCard | |
| pss_aluWdmPtpIOCard | |
| pss_aluWdmRa2pCard | |
| pss_aluWdmSFC1ACard | |
| pss_aluWdmSFC1BCard | |
| pss_aluWdmSFC1CCard | |
| pss_aluWdmSFC1DCard | |
| pss_aluWdmSFC1ECard | |
| pss_aluWdmSFC1FCard | |
| pss_aluWdmSFC1GCard | |
| pss_aluWdmSFC1HCard | |
| pss_aluWdmSFC2ACard | |
| pss_aluWdmSFC2BCard | |
| pss_aluWdmSFC2CCard | |
| pss_aluWdmSFC2DCard | |
| pss_aluWdmSFC4ACard | |
| pss_aluWdmSFC4BCard | |
| pss_aluWdmSFC8Card | |
| pss_aluWdmSfd40bCard | |
| pss_aluWdmSfd40Card | |
| pss_aluWdmSfd44bCard | |
| pss_aluWdmSfd44Card | |
| pss_aluWdmSFD4ACard | |
| pss_aluWdmSFD4BCard | |

Table 3-4501 Card Type (continued)

| Name | Value |
|-------------------------|-------|
| pss_aluWdmSFD4CCard | |
| pss_aluWdmSFD4DCard | |
| pss_aluWdmSFD4ECard | |
| pss_aluWdmSFD4FCard | |
| pss_aluWdmSFD4GCard | |
| pss_aluWdmSFD4HCard | |
| pss_aluWdmSFD5ACard | |
| pss_aluWdmSFD5BCard | |
| pss_aluWdmSFD5CCard | |
| pss_aluWdmSFD5DCard | |
| pss_aluWdmSFD5ECard | |
| pss_aluWdmSFD5FCard | |
| pss_aluWdmSFD5GCard | |
| pss_aluWdmSFD5HCard | |
| pss_aluWdmSFD8ACard | |
| pss_aluWdmSFD8BCard | |
| pss_aluWdmSFD8CCard | |
| pss_aluWdmSFD8DCard | |
| pss_aluWdmSVACCard | |
| pss_aluWdmUl11qcupcCard | |
| pss_aluWdmul130scupCard | |
| pss_aluWdmWr20tfmCard | |
| pss_aluWdmWr2c88Card | |
| pss_aluWdmWr8c88aCard | |
| pss_aluWdmWr8c88afCard | |
| pss_aluWdmWtocmACard | |
| pss_aluWdmWtocmCard | |
| pss_aluWdmWtocmfCard | |
| ul130scupb | |
| unspecified | |
| wr20tf | |

Default**Table 3-4502 Default**

| Name | Value |
|-----------------------|--|
| Default | yes:false |
| Description | This attribute specifies if the software is default. |
| Displayed name | Default |
| Mandatory on creation | yes |
| OSS name | isDefault |
| Read-only | no |
| Tab Panel | General Port Group Firmware |
| Type | BOOL |

Firmware Version**Table 3-4503 Firmware Version**

| Name | Value |
|-----------------------|---|
| Description | The valid port group firmware version number associated with the port group mode. |
| Displayed name | Firmware Version |
| Mandatory on creation | yes |
| OSS name | fwVersion |
| Read-only | no |
| Tab Panel | General Port Group Firmware |
| Type | STRING |

Port Group Mode**Table 3-4504 Port Group Mode**

| Name | Value |
|-----------------------|---|
| Default | yes:pwrSv |
| Description | The valid port group mode in the card firmware profile. |
| Displayed name | Port Group Mode |
| Mandatory on creation | yes |
| OSS name | portGroupMode |
| Read-only | no |
| Tab Panel | General Port Group Firmware |

Table 3-4504 Port Group Mode (continued)

| Name | Value |
|--------------------------|---------------|
| Type | PortGroupMode |
| Enumerated types: | |
| ETH | |
| ETHSTH | |
| FC | |
| OTH | |
| PWRSV | |
| STH | |
| UNIVTRM | |

Port Group parameters

Current Release

Table 3-4505 Current Release

| Name | Value |
|----------------|--|
| Default | yes:true |
| Description | The current port group firmware version that is running on the FPGA. |
| Displayed name | Current Release |
| OSS name | currentRelease |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Firmware Upgrade Available

Table 3-4506 Firmware Upgrade Available

| Name | Value |
|----------------|---|
| Description | YES - An upgrade to the new version of the installed/running FPGA firmware package is recommended. {BR} NO - No new FPGA firmware package is available. |
| Displayed name | Firmware Upgrade Available |
| OSS name | fwUpgradeable |
| Read-only | yes |

Table 3-4506 Firmware Upgrade Available (continued)

| Name | Value |
|-------------|-----------------------|
| Tab Panel | General General |
| Type | optical.FWUpgradeable |

Id**Table 3-4507 Id**

| Name | Value |
|-----------------------|-----------------|
| Description | Port Group ID |
| Displayed name | Id |
| Mandatory on creation | yes |
| OSS name | portGroupId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Mode**Table 3-4508 Mode**

| Name | Value |
|--------------------------|-----------------|
| Default | yes:pwrSv |
| Description | Firmware Name. |
| Displayed name | Mode |
| OSS name | portGroupMode |
| Read-only | no |
| Tab Panel | General General |
| Type | PortGroupMode |
| Enumerated types: | |
| ETH | |
| ETHSTH | |
| FC | |
| OTH | |
| PWRSV | |
| STH | |

Table 3-4508 Mode (continued)

| Name | Value |
|---------|-------|
| UNIVTRM | |

Provision Release**Table 3-4509 Provision Release**

| Name | Value |
|----------------|---|
| Description | The port group firmware version to be downloaded. A null value means the preferred version for the selected mode in the active card firmware profile. |
| Displayed name | Provision Release |
| OSS name | provisionRelease |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Port Specifics parameters**CE-VLAN ID****Table 3-4510 CE-VLAN ID**

| Name | Value |
|----------------|--|
| Default | yes:None |
| Description | Used for CVLAN traffic. Can be provisioned when the CMODE is set as CEVLAN TAGGED or UNTAGGED. |
| Displayed name | CE-VLAN ID |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | ceVLANIDForGUI |
| Read-only | no |
| Tab Panel | General VTS Egress Map Details |
| Type | STRING |

CE-VLAN ID**Table 3-4511 CE-VLAN ID**

| Name | Value |
|----------------|--|
| Default | yes:None |
| Description | Used for CVLAN traffic. Can be provisioned when the CMODE is set as CEVLAN TAGGED or UNTAGGED. |
| Displayed name | CE-VLAN ID |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | ceVLANIDForGUI |
| Read-only | no |
| Tab Panel | General VTS Ingress Map Details |
| Type | STRING |

CE-VLAN ID**Table 3-4512 CE-VLAN ID**

| Name | Value |
|----------------|--|
| Default | yes:None |
| Description | Used for CVLAN traffic. Can be provisioned when the CMODE is set as CEVLAN TAGGED or UNTAGGED. |
| Displayed name | CE-VLAN ID |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | ceVLANIDForGUI |
| Read-only | no |
| Tab Panel | General VTS Map Details |
| Type | STRING |

Classification Mode**Table 3-4513 Classification Mode**

| Name | Value |
|----------------|--|
| Description | Entry will be with either tnIngressVtsCmodeMapCMode or tnEgressVtsCmodeMapCMode. |
| Displayed name | Classification Mode |

Table 3-4513 Classification Mode (continued)

| Name | Value |
|-----------------------------------|-----------------|
| OSS name | vtsCmode |
| Read-only | no |
| Tab Panel | General General |
| Type | VTSCIsMode |
| Enumerated types: | |
| CE-VLAN Tagged | |
| Destination IP Address | |
| Port | |
| S-VLAN Tagged | |
| Source and Destination IP Address | |
| Source IP Address | |
| Untagged | |

Stack-VLAN ID**Table 3-4514 Stack-VLAN ID**

| Name | Value |
|----------------|---|
| Default | yes:None |
| Description | Used for SVLAN tagged traffic. Can be provisioned only when CMODE is set as SVLAN TAGGED. |
| Displayed name | Stack-VLAN ID |
| OSS name | stackVLANIDForGUI |
| Read-only | no |
| Tab Panel | General VTS Egress Map Details |
| Type | STRING |

Stack-VLAN ID**Table 3-4515 Stack-VLAN ID**

| Name | Value |
|----------------|---|
| Default | yes:None |
| Description | Used for SVLAN tagged traffic. Can be provisioned only when CMODE is set as SVLAN TAGGED. |
| Displayed name | Stack-VLAN ID |

Table 3-4515 Stack-VLAN ID (continued)

| Name | Value |
|-------------|---------------------------------|
| OSS name | stackVLANIDForGUI |
| Read-only | no |
| Tab Panel | General VTS Ingress Map Details |
| Type | STRING |

Stack-VLAN ID**Table 3-4516 Stack-VLAN ID**

| Name | Value |
|----------------|---|
| Default | yes:None |
| Description | Used for SVLAN tagged traffic. Can be provisioned only when CMODE is set as SVLAN TAGGED. |
| Displayed name | Stack-VLAN ID |
| OSS name | stackVLANIDForGUI |
| Read-only | no |
| Tab Panel | General VTS Map Details |
| Type | STRING |

VTS CE-VLAN ID**Table 3-4517 VTS CE-VLAN ID**

| Name | Value |
|----------------|--|
| Description | CEVLANID string indicates the VLANID or VLANID ranges, separated by comma. Example: 1,5,1-100. Current configurable range: 1 to 4095, ALL. |
| Displayed name | VTS CE-VLAN ID |
| OSS name | vtsMapCEVLANID |
| Read-only | no |
| Tab Panel | General VTS Map Details |
| Type | STRING |

VTs Direction
Table 3-4518 VTs Direction

| Name | Value |
|--------------------------|---|
| Description | If Direction = Egress, an entry is made in the tnEgressVtsMap table/tnEgressVtsCmodeMap Table. If Direction = Ingress, an entry is made in the tnIngressVtsMactable/tnIngressVtsCmodeMap Table. If Direction = Ingress and Egress, an entry is made in the tnVtsMapTable OR On Both tnIngressVtsCmodeMapTable and tnEgressVtsCmodeMapTable. |
| Displayed name | VTs Direction |
| OSS name | vtsDirection |
| Read-only | no |
| Tab Panel | General General |
| Type | VTsDirection |
| Enumerated types: | |
| Egress | |
| Ingress | |
| Ingress and Egress | |

VTs Egress CE-VLAN ID**Table 3-4519 VTs Egress CE-VLAN ID**

| Name | Value |
|----------------|--|
| Description | Egress CEVLANID string indicates the VLANID or VLANID ranges, separated by commas. Example: 1,5,1-100. Current configurable range: 1 to 4095, ALL. |
| Displayed name | VTs Egress CE-VLAN ID |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | egressVtsCmodeMapCEVLANID |
| Read-only | no |
| Tab Panel | General VTs Egress Map Details |
| Type | STRING |

VTS Egress CE-VLAN ID
Table 3-4520 VTS Egress CE-VLAN ID

| Name | Value |
|----------------|--|
| Description | CEVLANID string indicates the VLANID or VLANID ranges, separated by comma. Example: 1,5,1-100. Current configurable range: 1 to 4095, ALL. |
| Displayed name | VTS Egress CE-VLAN ID |
| OSS name | vtMapEgressCEVLANID |
| Read-only | no |
| Tab Panel | General VTS Egress Map Details |
| Type | STRING |

VTS Egress S-VLAN ID**Table 3-4521 VTS Egress S-VLAN ID**

| Name | Value |
|----------------|---|
| Description | Indicates the stack VLANID for egress cmode for 11DPE12E Example: Current configurable range: 2 to 4094 |
| Displayed name | VTS Egress S-VLAN ID |
| Maximum | 4094 |
| OSS name | egressVtsCmodeMapSVLANID |
| Read-only | no |
| Tab Panel | General VTS Egress Map Details |
| Type | LONG |

VTS Egress S-VLAN ID**Table 3-4522 VTS Egress S-VLAN ID**

| Name | Value |
|----------------|---|
| Description | SVLANID string indicates the egress VLANID on Line Port If Card is in QinQ Mode. Current configurable range: 1 to 4095. |
| Displayed name | VTS Egress S-VLAN ID |
| Maximum | 4095 |
| OSS name | vtMapEgressSVLANID |
| Read-only | no |
| Tab Panel | General VTS Egress Map Details |
| Type | LONG |

VTS Ingress CE-VLAN ID**Table 3-4523 VTS Ingress CE-VLAN ID**

| Name | Value |
|----------------|--|
| Description | Ingress CEVLANID string indicates the VLANID or VLANID ranges, separated by commas. Example: 1,5,1-100. Current configurable range: 1 to 4095, ALL |
| Displayed name | VTS Ingress CE-VLAN ID |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | ingressVtsCmodeMapCEVLANID |
| Read-only | no |
| Tab Panel | General VTS Ingress Map Details |
| Type | STRING |

VTS Ingress CE-VLAN ID**Table 3-4524 VTS Ingress CE-VLAN ID**

| Name | Value |
|----------------|--|
| Description | CEVLANID string indicates the VLANID or VLANID ranges, separated by comma. Example: 1,5,1-100. Current configurable range: 1 to 4095, ALL. |
| Displayed name | VTS Ingress CE-VLAN ID |
| OSS name | vtsMapIngressCEVLANID |
| Read-only | no |
| Tab Panel | General VTS Ingress Map Details |
| Type | STRING |

VTS Ingress S-VLAN ID**Table 3-4525 VTS Ingress S-VLAN ID**

| Name | Value |
|----------------|--|
| Description | Indicates the stack VLANID for ingress cmode for 11DPE12E Example: Current configurable range: 2 to 4094 |
| Displayed name | VTS Ingress S-VLAN ID |
| Maximum | 4094 |
| OSS name | ingressVtsCmodeMapSVLANID |
| Read-only | no |
| Tab Panel | General VTS Ingress Map Details |

Table 3-4525 VTS Ingress S-VLAN ID (continued)

| Name | Value |
|------|-------|
| Type | LONG |

VTS Ingress S-VLAN ID**Table 3-4526 VTS Ingress S-VLAN ID**

| Name | Value |
|----------------|--|
| Description | SVLANID string indicates the ingress VLANID on Line Port If Card is in QinQ Mode. Current configurable range: 1 to 4095. |
| Displayed name | VTS Ingress S-VLAN ID |
| Maximum | 4095 |
| OSS name | vtsMapIngressSVLANID |
| Read-only | no |
| Tab Panel | General VTS Ingress Map Details |
| Type | LONG |

VTS Map Number**Table 3-4527 VTS Map Number**

| Name | Value |
|-----------------------|--|
| Description | The VTS number. Value range: 1 to 100. |
| Displayed name | VTS Map Number |
| Mandatory on creation | yes |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | vtsMapVts |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Port TCA Profile Assignment parameters

Clear Bins

Table 3-4528 Clear Bins

| Name | Value |
|--------------------------|---|
| Default | yes:1 |
| Description | This attribute is used to clear all the bins in an interval on a particular card and group. |
| Displayed name | Clear Bins |
| OSS name | clearBins |
| Read-only | no |
| Tab Panel | General General |
| Type | PerformCommand |
| Enumerated types: | |
| Execute | |
| Execute with Force | |
| No Cmd | |

Interval

Table 3-4529 Interval

| Name | Value |
|--------------------------|--------------------------|
| Default | yes:0 |
| Description | The collection interval. |
| Displayed name | Interval |
| Mandatory on creation | yes |
| OSS name | interval |
| Read-only | no |
| Tab Panel | General General |
| Type | IntervalType |
| Enumerated types: | |
| 15 min Interval | |
| 24 hour Interval | |
| All | |
| Continuous | |
| Not Applicable | |

Number of Bins

Table 3-4530 Number of Bins

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The number of collection bins in the interval. |
| Displayed name | Number of Bins |
| Maximum | 33 |
| Minimum | 1 |
| OSS name | noOfBins |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Profile Type

Table 3-4531 Profile Type

| Name | Value |
|-----------------------|-----------------------|
| Default | yes:0 |
| Description | The group identifier. |
| Displayed name | Profile Type |
| Mandatory on creation | yes |
| OSS name | groupId |
| Read-only | no |
| Tab Panel | General General |
| Type | netca.TCAProfileType |

TCA Profile

Table 3-4532 TCA Profile

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Description | TCA Profile. |
| Displayed name | TCA Profile |
| OSS name | tcaProfilePointer |
| Read-only | no |

Table 3-4532 TCA Profile (continued)

| Name | Value |
|-------------|------------------------|
| Tab Panel | General Select Profile |
| Type | POINTER |

PortAccessEgressForwardingClass parameters

Forwarding Class

Table 3-4533 Forwarding Class

| Name | Value |
|-----------------------|------------------|
| Default | yes:be |
| Displayed name | Forwarding Class |
| Mandatory on creation | yes |
| OSS name | forwardingClass |
| Read-only | no |
| Tab Panel | General General |
| Type | qos.FcEnum |

In Profile

Table 3-4534 In Profile

| Name | Value |
|----------------|---------------|
| Default | yes:default |
| Displayed name | In Profile |
| OSS name | dscpInProfile |
| Read-only | no |
| Tab Panel | General DSCP |
| Type | qos.DscpEnum |

In Profile

Table 3-4535 In Profile

| Name | Value |
|---------|-------------|
| Default | yes:default |

Table 3-4535 In Profile (continued)

| Name | Value |
|----------------|--------------------|
| Displayed name | In Profile |
| OSS name | inDot1p |
| Read-only | no |
| Tab Panel | General Dot1p |
| Type | qos.Dot1pValueEnum |

Out Profile**Table 3-4536 Out Profile**

| Name | Value |
|----------------|----------------|
| Default | yes:default |
| Displayed name | Out Profile |
| OSS name | dscpOutProfile |
| Read-only | no |
| Tab Panel | General DSCP |
| Type | qos.DscpEnum |

Out Profile**Table 3-4537 Out Profile**

| Name | Value |
|----------------|--------------------|
| Default | yes:default |
| Displayed name | Out Profile |
| OSS name | outDot1p |
| Read-only | no |
| Tab Panel | General Dot1p |
| Type | qos.Dot1pValueEnum |

Queue ID**Table 3-4538 Queue ID**

| Name | Value |
|---------|-------|
| Default | yes:1 |

Table 3-4538 Queue ID (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Queue ID |
| Maximum | 8 |
| Minimum | 1 |
| OSS name | queueId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

PortAccessEgressQueue parameters

CIR

Table 3-4539 CIR

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | CIR |
| Maximum | 10000000 |
| Minimum | -1 |
| OSS name | cir |
| Read-only | no |
| Tab Panel | CIR/PIR Properties |
| Type | INT |
| Units | kbps |

CIR Adaptation

Table 3-4540 CIR Adaptation

| Name | Value |
|----------------|--------------------|
| Default | yes:closest |
| Displayed name | CIR Adaptation |
| OSS name | cirAdaptation |
| Read-only | no |
| Tab Panel | CIR/PIR Properties |

Table 3-4540 CIR Adaptation (continued)

| Name | Value |
|------|------------------------|
| Type | qos.RateAdaptationRule |

Containing Policy ID**Table 3-4541 Containing Policy ID**

| Name | Value |
|----------------|----------------------|
| Default | yes:0 |
| Displayed name | Containing Policy ID |
| OSS name | containingPolicyId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Containing Policy Name**Table 3-4542 Containing Policy Name**

| Name | Value |
|----------------|-------------------------------|
| Default | yes: |
| Displayed name | Containing Policy Name |
| Maximum | 80 |
| OSS name | containingPolicyDisplayedName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Description**Table 3-4543 Description**

| Name | Value |
|----------------|-------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |

Table 3-4543 Description (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Displayed Name**Table 3-4544 Displayed Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Displayed Name |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

ID**Table 3-4545 ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | ID |
| Mandatory on creation | yes |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

MAX**Table 3-4546 MAX**

| Name | Value |
|----------------|--------------------|
| Displayed name | MAX |
| OSS name | valueManager:cir |
| Read-only | no |
| Tab Panel | CIR/PIR Properties |

MAX**Table 3-4547 MAX**

| Name | Value |
|----------------|--------------------|
| Displayed name | MAX |
| OSS name | valueManager:pir |
| Read-only | no |
| Tab Panel | CIR/PIR Properties |

Mode**Table 3-4548 Mode**

| Name | Value |
|--------------------------|---|
| Default | yes:weighted |
| Description | specifies whether the egress queue is scheduled according to strict priority or weighted priority |
| Displayed name | Mode |
| OSS name | mode |
| Read-only | no |
| Tab Panel | General General |
| Type | QueueMode |
| Enumerated types: | |
| Strict | |
| Strict-ef | |
| Weighted | |

PIR

Table 3-4549 PIR

| Name | Value |
|----------------|--------------------|
| Default | yes:-1 |
| Displayed name | PIR |
| Maximum | 10000000 |
| Minimum | -1 |
| OSS name | pir |
| Read-only | no |
| Tab Panel | CIR/PIR Properties |
| Type | INT |
| Units | kbps |

PIR Adaptation

Table 3-4550 PIR Adaptation

| Name | Value |
|----------------|------------------------|
| Default | yes:closest |
| Displayed name | PIR Adaptation |
| OSS name | pirAdaptation |
| Read-only | no |
| Tab Panel | CIR/PIR Properties |
| Type | qos.RateAdaptationRule |

Queue Management Policy

Table 3-4551 Queue Management Policy

| Name | Value |
|----------------|--------------------------------|
| Default | yes:sasQueueMgmtPolicy:default |
| Displayed name | Queue Management Policy |
| OSS name | queuemgmtPolicyPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Weight**Table 3-4552 Weight**

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | specifies a relative weight for the egress queue that determines its scheduling priority |
| Displayed name | Weight |
| Maximum | 15 |
| Minimum | 1 |
| OSS name | weight |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

PortTrail parameters**A to Z****Table 3-4553 A to Z**

| Name | Value |
|--------------------------|---|
| Description | Indicates which trail path is the active one in the AZ direction. |
| Displayed name | A to Z |
| OSS name | activePathAZ |
| Read-only | no |
| Tab Panel | General Active Path |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Bidirectional**Table 3-4554 Bidirectional**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Connection Type**Table 3-4555 Connection Type**

| Name | Value |
|--------------------------|---------------------|
| Default | yes:unspecified |
| Description | Type of connection. |
| Displayed name | Connection Type |
| Mandatory on creation | yes |
| OSS name | connectionType |
| Read-only | no |
| Tab Panel | General General |
| Type | ConnectionType |
| Enumerated types: | |
| Multipoint Service Path | |
| OCH CrossConnect | |
| OCH CrossConnect Group | |
| OCH Trail | |
| OCH Trail Path | |
| OCH Trail Path - Preview | |
| ODU Trail | |
| ODU Trail Path | |
| ODU Trail Path - Preview | |
| ODUk CrossConnect | |
| OMS Trail | |

Table 3-4555 Connection Type (continued)

| Name | Value |
|----------------------------|-------|
| OMS Trail Path | |
| OT CrossConnect | |
| OTS Trail | |
| OTS Trail Path | |
| OTU Trail | |
| OTU Trail Path | |
| OTU Trail Path - Preview | |
| Port Trail | |
| Service Path | |
| Service Path - Preview | |
| Subnetwork Connection | |
| Transport Service | |
| Virtual OCH CrossConnect | |
| Virtual ODUk Cross Connect | |
| VTS CrossConnect | |

Customer

Table 3-4556 Customer

| Name | Value |
|----------------|-------------------|
| Displayed name | Customer |
| OSS name | subscriberPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Customer ID

Table 3-4557 Customer ID

| Name | Value |
|-----------------------|-------------|
| Default | yes:0 |
| Displayed name | Customer ID |
| Mandatory on creation | yes |

Table 3-4557 Customer ID (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | subscriberId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Customer Name**Table 3-4558 Customer Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | subscriberName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Force Create OCh XC**Table 3-4559 Force Create OCh XC**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates whether the OCH XC should be created by force when power commissioning provisioning state is "InProgress". |
| Displayed name | Force Create OCh XC |
| OSS name | forceXcCreate |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Path Preference

Table 3-4560 Path Preference

| Name | Value |
|-------------------------------------|---|
| Default | yes:working |
| Description | Indicates whether the working path or the protection path needs to be retained when Trail protection is modified to unprotected |
| Displayed name | Path Preference |
| OSS name | modifyProtectionPreference |
| Read-only | no |
| Tab Panel | General General |
| Type | ModifyProtectionPreference |
| Enumerated types: | |
| None | |
| Retain Path A1Z1 | |
| Retain Path A1Z2 | |
| Retain Path A2Z1 | |
| Retain Path A2Z2 | |
| Retain Protection Path | |
| Retain Termination Points A1 and Z1 | |
| Retain Termination Points A1 and Z2 | |
| Retain Termination Points A2 and Z1 | |
| Retain Termination Points A2 and Z2 | |
| Retain Working Path | |

Plane Type

Table 3-4561 Plane Type

| Name | Value |
|-----------------------|---|
| Default | yes:MP |
| Description | - Management plane, control plane or mixed. |
| Displayed name | Plane Type |
| Mandatory on creation | yes |
| OSS name | managementDomains |
| Read-only | no |
| Tab Panel | General General |

Table 3-4561 Plane Type (continued)

| Name | Value |
|------|-----------------------|
| Type | oth.MgmtAccessDomains |

Protection Level

Table 3-4562 Protection Level

| Name | Value |
|--------------------------|---|
| Default | yes:unprotected |
| Description | The calculated level of protection based on the underlying server OTN layers. |
| Displayed name | Protection Level |
| Mandatory on creation | yes |
| OSS name | protectionLevel |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionLevel |
| Enumerated types: | |
| Protected | |
| Segment Protected | |
| Unprotected | |

Protection Type

Table 3-4563 Protection Type

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:unprotected |
| Description | Protection type of the trail. |
| Displayed name | Protection Type |
| OSS name | protection |
| Read-only | no |
| Tab Panel | General General |
| Type | TrailProtectionType |
| Enumerated types: | |
| Diverse Route | |
| OPS Protected | |

Table 3-4563 Protection Type (continued)

| Name | Value |
|-------------------|-------|
| Segment Protected | |
| SNCI Protected | |
| SNCN Protected | |
| SNCNC Protected | |
| Unprotected | |
| Y-Cable Protected | |

Rate**Table 3-4564 Rate**

| Name | Value |
|--------------------------|----------------------------------|
| Description | Indicates the rate of the trail. |
| Displayed name | Rate |
| Mandatory on creation | yes |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | AssignedRate |
| Enumerated types: | |
| 100GbE LAN | |
| 10GbE LAN | |
| 1GbE | |
| 3GSDI | |
| 40GbE LAN | |
| 40GbE MLD LAN | |
| BITS | |
| CBR10G | |
| CBR10G3 | |
| CBR2G5 | |
| DCN | |
| DDR | |
| Default | |
| DVBASI | |

Table 3-4564 Rate (continued)

| Name | Value |
|-------------------|-------|
| DVI 6000 | |
| E1 | |
| ESCON | |
| FC100 | |
| FC1200 | |
| FC1600 | |
| FC200 | |
| FC400 | |
| FC800 | |
| FDDI | |
| FE | |
| HDSDI | |
| N/A | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex-3GSDI | |
| ODUFlex-40GBE MLD | |
| ODUFlex-CBR | |

Table 3-4564 Rate (continued)

| Name | Value |
|----------------|-------|
| ODUFlex-DDR | |
| ODUFlex-FC1200 | |
| ODUFlex-FC1600 | |
| ODUFlex-FC400 | |
| ODUFlex-FC800 | |
| ODUFlex-GFP | |
| OMS | |
| ONETRU | |
| OPTSG | |
| OS | |
| OTL4.4 | |
| OTS | |
| OTU1 | |
| OTU1f | |
| OTU2 | |
| OTU2e | |
| OTU3 | |
| OTU3e2 | |
| OTU4 | |
| OTU4x2 | |
| SDR | |
| SDSDI | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| SubGigE | |
| TOD | |
| Unassigned | |
| Unknown | |

Trail ID
Table 3-4565 Trail ID

| Name | Value |
|-----------------------|-------------------------------|
| Default | yes:0 |
| Description | Unique id for the Connection. |
| Displayed name | Trail ID |
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | connId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Trail Name**Table 3-4566 Trail Name**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes: |
| Description | Displayed name of the Connection. |
| Displayed name | Trail Name |
| Maximum | 256 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Z to A**Table 3-4567 Z to A**

| Name | Value |
|----------------|---|
| Description | Indicates which trail path is the active one in the ZA direction. |
| Displayed name | Z to A |
| OSS name | activePathZA |

Table 3-4567 Z to A (continued)

| Name | Value |
|--------------------------|---------------------|
| Read-only | no |
| Tab Panel | General Active Path |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Power Adjustment Point parameters

Card Subtype

Table 3-4568 Card Subtype

| Name | Value |
|-----------------------|--|
| Default | yes:unspecified |
| Description | The subtype of the card that this adjust point belongs to. |
| Displayed name | Card Subtype |
| Mandatory on creation | yes |
| OSS name | assignedCardSubType |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.CardSubType |

Port

Table 3-4569 Port

| Name | Value |
|-------------|---|
| Default | yes: |
| Description | The optical port type of this adjust point. |

Table 3-4569 Port (continued)

| Name | Value |
|-----------------------|-----------------|
| Displayed name | Port |
| Mandatory on creation | yes |
| OSS name | portPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Power Adjustment Rule parameters

Channel

Table 3-4570 Channel

| Name | Value |
|--------------------------|---|
| Description | The channel on which the transport service is riding. |
| Displayed name | Channel |
| Mandatory on creation | yes |
| OSS name | channel |
| Read-only | no |
| Tab Panel | General General |
| Type | ITUChannel |
| Enumerated types: | |
| | 1310 |
| | 1471 |
| | 1490 |
| | 1491 |
| | 1511 |
| | 1530 |
| | 1531 |
| | 1550 |
| | 1551 |
| | 1571 |
| | 1591 |
| | 1611 |

Table 3-4570 Channel (continued)

| Name | Value |
|------|-------|
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |

Table 3-4570 Channel (continued)

| Name | Value |
|------|-------|
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |

Table 3-4570 Channel (continued)

| Name | Value |
|------|-------|
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |

Table 3-4570 Channel (continued)

| Name | Value |
|------|-------|
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |

Table 3-4570 Channel (continued)

| Name | Value |
|------|-------|
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |

Table 3-4570 Channel (continued)

| Name | Value |
|------|-------|
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

Direction
Table 3-4571 Direction

| Name | Value |
|--------------------------|---|
| Description | The direction (A->Z or Z->A) of the service which needs power adjustment. |
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General General |
| Type | TraversalType |
| Enumerated types: | |
| A->Z | |
| Both | |
| Z->A | |

Initial Target Power**Table 3-4572 Initial Target Power**

| Name | Value |
|----------------|---|
| Default | yes:-10.0 |
| Description | The initial target power to start with for adjusting the power on the SR DWDM port. |
| Displayed name | Initial Target Power |
| Maximum | 99 |
| Minimum | -99 |
| OSS name | initialTargetPower |
| Read-only | no |
| Tab Panel | General Source Port |
| Type | FLOAT |
| Units | dB |

Last Executed**Table 3-4573 Last Executed**

| Name | Value |
|-------------|--|
| Description | The date/time when the power adjustment was last executed. |

Table 3-4573 Last Executed (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Last Executed |
| OSS name | lastExecuted |
| Read-only | no |
| Tab Panel | General General |
| Type | DATE |

Power Converge Deviation**Table 3-4574 Power Converge Deviation**

| Name | Value |
|----------------|---|
| Default | yes:0.2 |
| Description | The acceptable power difference between target and measured power after converge. |
| Displayed name | Power Converge Deviation |
| Maximum | 10 |
| Minimum | 0 |
| OSS name | powerConvergeDeviation |
| Read-only | no |
| Tab Panel | General Source Port |
| Type | FLOAT |
| Units | dB |

Power Converge Deviation**Table 3-4575 Power Converge Deviation**

| Name | Value |
|----------------|--|
| Default | yes:0.5 |
| Description | The acceptable power difference between expected and measured power on the target port after converge. |
| Displayed name | Power Converge Deviation |
| Maximum | 10 |
| Minimum | 0 |
| OSS name | targetPortPowerConvergeDeviation |
| Read-only | no |

Table 3-4575 Power Converge Deviation (continued)

| Name | Value |
|-------------|---------------------|
| Tab Panel | General Target Port |
| Type | FLOAT |
| Units | dB |

Power Converge Retries**Table 3-4576 Power Converge Retries**

| Name | Value |
|----------------|---|
| Default | yes:3 |
| Description | The number of retries for measured power to converge with the target power being set. |
| Displayed name | Power Converge Retries |
| Maximum | 10 |
| Minimum | 0 |
| OSS name | powerConvergeRetries |
| Read-only | no |
| Tab Panel | General Source Port |
| Type | INT |

Power Converge Wait Time**Table 3-4577 Power Converge Wait Time**

| Name | Value |
|----------------|--|
| Default | yes:60 |
| Description | The wait time in seconds for measured power to converge with the target power being set. |
| Displayed name | Power Converge Wait Time |
| Maximum | 180 |
| Minimum | 10 |
| OSS name | powerConvergeWaitTime |
| Read-only | no |
| Tab Panel | General Source Port |
| Type | INT |
| Units | seconds |

Service Mode
Table 3-4578 Service Mode

| Name | Value |
|--------------------------|---|
| Default | yes:unprotected |
| Description | The service mode - Unprotected, Working or Protection |
| Displayed name | Service Mode |
| Mandatory on creation | yes |
| OSS name | serviceMode |
| Read-only | no |
| Tab Panel | General General |
| Type | TransportServiceMode |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Source Port**Table 3-4579 Source Port**

| Name | Value |
|-----------------------|--|
| Description | The source port pointer - generally a wavetracker capable DWDM OT port on an SR. |
| Displayed name | Source Port |
| Mandatory on creation | yes |
| OSS name | srcPortPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

State Cause
Table 3-4580 State Cause

| Name | Value |
|--|--|
| Description | The power adjustment state cause in case of failure. |
| Displayed name | State Cause |
| OSS name | stateCause |
| Read-only | no |
| Tab Panel | General General |
| Type | PowerAdjustStateCause |
| Enumerated types: | |
| Power Adjust Point Expected Power Set Failed | |
| Power Adjust Point Read Power Failed | |
| Source Port Expected Power Read Failed | |
| Source Port Expected Power Set Failed | |
| Source Port Measured Power Read Failed | |
| Source Port Power Control Failed | |
| Source Port Power Converge Failed | |
| Source Port Power Lower/Upper Limit Reached | |
| Target Port Measured Power Read Failed | |
| WSS Attenuation Read Failed | |

Status**Table 3-4581 Status**

| Name | Value |
|--------------------------|------------------------------|
| Default | yes:0 |
| Description | The power adjustment status. |
| Displayed name | Status |
| OSS name | status |
| Read-only | no |
| Tab Panel | General General |
| Type | PowerAdjustStatus |
| Enumerated types: | |
| Aborted | |
| Completed | |

Table 3-4581 Status (continued)

| Name | Value |
|--------------|-------|
| Failed | |
| In Progress | |
| Not Executed | |

Target Port**Table 3-4582 Target Port**

| Name | Value |
|-----------------------|---|
| Description | The target port pointer - generally an egress amplifier LINE port XC'ed on the PSS that is connected to the SR OT port. |
| Displayed name | Target Port |
| Mandatory on creation | yes |
| OSS name | targetPortPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Power Offset parameters**Bit Rate****Table 3-4583 Bit Rate**

| Name | Value |
|----------------|------------------------------|
| Description | Text description of BitRate. |
| Displayed name | Bit Rate |
| OSS name | bitRateText |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Bit Rate Key
Table 3-4584 Bit Rate Key

| Name | Value |
|-----------------------|-----------------|
| Default | yes:9998 |
| Description | OTU Bit-Rate |
| Displayed name | Bit Rate Key |
| Mandatory on creation | yes |
| Maximum | 10000 |
| Minimum | 1 |
| OSS name | bitRate |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Direction**Table 3-4585 Direction**

| Name | Value |
|--------------------------|--|
| Description | The signal direction - Ingress (In) or Egress (Out). |
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General General |
| Type | Direction |
| Enumerated types: | |
| In | |
| N/A | |
| Out | |

Encoding**Table 3-4586 Encoding**

| Name | Value |
|-------------|-------------------------------|
| Description | Text description of Encoding. |

Table 3-4586 Encoding (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Encoding |
| OSS name | encodingText |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Encoding Key**Table 3-4587 Encoding Key**

| Name | Value |
|-----------------------|---------------------------|
| Default | yes:9998 |
| Description | Signal modulation format. |
| Displayed name | Encoding Key |
| Mandatory on creation | yes |
| Maximum | 10000 |
| Minimum | 1 |
| OSS name | encoding |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Target Power Offset**Table 3-4588 Target Power Offset**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Optical power offset from nominal power level. Current configurable range: -3.0 to 3.0. |
| Displayed name | Target Power Offset |
| Maximum | 3 |
| Minimum | -3 |
| OSS name | powerOffset |
| Read-only | no |
| Tab Panel | General General |

Table 3-4588 Target Power Offset (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | dB |

Power Supply Tray parameters

AC Rectifier Failed/Missing

Table 3-4589 AC Rectifier Failed/Missing

| Name | Value |
|--------------------------|--|
| Description | Indicates which Power Entry Module AC rectifiers installed in the PEM slot are in a failed state or are missing. |
| Displayed name | AC Rectifier Failed/Missing |
| OSS name | aCRectifierStatus |
| Read-only | yes |
| Tab Panel | General General |
| Type | ACRectifierStatus |
| Enumerated types: | |
| Rectifier 1 | |
| Rectifier 2 | |

AC Voltage Status

Table 3-4590 AC Voltage Status

| Name | Value |
|--------------------------|-------------------|
| Default | yes:deviceStateOk |
| Displayed name | AC Voltage Status |
| OSS name | acVoltageStatus |
| Read-only | yes |
| Tab Panel | General General |
| Type | DeviceRangeState |
| Enumerated types: | |
| Not Equipped | |
| OK | |

Table 3-4590 AC Voltage Status (continued)

| Name | Value |
|--------------|-------|
| Out of Range | |
| Unknown | |

Administrative State

Table 3-4591 Administrative State

| Name | Value |
|--------------------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General Equipment |
| Type | AdministrativeState |
| Enumerated types: | |
| Diagnose | |
| Down | |
| Locked | |
| Maintenance | |
| Not Relevant | |
| Operate Switch | |
| Shutting Down | |
| Unknown | |
| Unlocked | |
| Up | |

Assigned PEQ Type

Table 3-4592 Assigned PEQ Type

| Name | Value |
|----------------|-------------------|
| Default | yes:unassigned |
| Displayed name | Assigned PEQ Type |
| OSS name | assignedPEQType |
| Read-only | no |

Table 3-4592 Assigned PEQ Type (continued)

| Name | Value |
|--------------------------|-------------|
| Tab Panel | General PEQ |
| Type | PEQType |
| Enumerated types: | |
| APEQ DC 2000 | |
| Invalid PEQ | |
| No PEQ | |

Assigned Type**Table 3-4593 Assigned Type**

| Name | Value |
|----------------|-----------------|
| Default | yes:none |
| Displayed name | Assigned Type |
| OSS name | assignedType |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Background Diagnostics Fault Reason**Table 3-4594 Background Diagnostics Fault Reason**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Displayed name | Background Diagnostics Fault Reason |
| OSS name | backgroundDiagnosticsFaultReason |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Background Diagnostics State
Table 3-4595 Background Diagnostics State

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:unknown |
| Displayed name | Background Diagnostics State |
| OSS name | backgroundDiagnosticsState |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | BackgroundDiagnosticsStateType |
| Enumerated types: | |
| Critical Fault Detected | |
| Fault Detected | |
| N/A | |
| Ok | |
| Unknown | |

CLEI Code**Table 3-4596 CLEI Code**

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General Equipment Location Codes |
| Type | STRING |

DC Voltage Status**Table 3-4597 DC Voltage Status**

| Name | Value |
|----------------|-------------------|
| Default | yes:deviceStateOk |
| Displayed name | DC Voltage Status |

Table 3-4597 DC Voltage Status (continued)

| Name | Value |
|--------------------------|------------------|
| OSS name | dcVoltageStatus |
| Read-only | yes |
| Tab Panel | General General |
| Type | DeviceRangeState |
| Enumerated types: | |
| Not Equipped | |
| OK | |
| Out of Range | |
| Unknown | |

Equipped PEQ Type**Table 3-4598 Equipped PEQ Type**

| Name | Value |
|--------------------------|-------------------|
| Default | yes:unassigned |
| Displayed name | Equipped PEQ Type |
| OSS name | equippedPEQType |
| Read-only | yes |
| Tab Panel | General PEQ |
| Type | PEQType |
| Enumerated types: | |
| APEQ DC 2000 | |
| Invalid PEQ | |
| No PEQ | |

Fan Direction**Table 3-4599 Fan Direction**

| Name | Value |
|----------------|---|
| Description | This property indicates the Power Supply Fan Direction. |
| Displayed name | Fan Direction |
| OSS name | powerSupplyFanDir |
| Read-only | yes |

Table 3-4599 Fan Direction (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | INT |

Firmware Revision Status

Table 3-4600 Firmware Revision Status

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:notApplicable |
| Displayed name | Firmware Revision Status |
| OSS name | hwFirmwareRevisionStatus |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | HwFirmwareRevisionStatusTypes |
| Enumerated types: | |
| Acceptable | |
| Not Acceptable | |
| Not Applicable | |
| Upgrade Pending | |
| Upgrading | |

Hardware Class

Table 3-4601 Hardware Class

| Name | Value |
|--------------------------|------------------------------|
| Default | no |
| Displayed name | Hardware Class |
| OSS name | hardwareClass |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | HardwareClassType |
| Enumerated types: | |
| External Alarm Input | |
| Fam | |

Table 3-4601 Hardware Class (continued)

| Name | Value |
|------|-------|
| N/A | |

Input Feed Status**Table 3-4602 Input Feed Status**

| Name | Value |
|--------------------------|------------------------|
| Default | yes:none |
| Displayed name | Input Feed Status |
| OSS name | overallInputFeedStatus |
| Read-only | yes |
| Tab Panel | General General |
| Type | OverallInputFeedStatus |
| Enumerated types: | |
| Input Feed A and B Down | |
| Input Feed A Down | |
| Input Feed B Down | |
| none | |
| Not Equipped | |
| Power To All Inputs | |

Manufacture Date**Table 3-4603 Manufacture Date**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacture Date |
| Maximum | 252 |
| OSS name | manufactureDate |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturer**Table 3-4604 Manufacturer**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturer |
| Maximum | 252 |
| OSS name | manufacturer |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Assembly No**Table 3-4605 Manufacturing Assembly No**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Assembly No |
| OSS name | manufacturingAssemblyNo |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Deviations**Table 3-4606 Manufacturing Deviations**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Deviations |
| OSS name | manufacturingDeviations |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Variant

Table 3-4607 Manufacturing Variant

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Variant |
| OSS name | manufacturingVariant |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Module Type

Table 3-4608 Module Type

| Name | Value |
|----------------|--|
| Description | The indicates the Power Entry Module type installed in the PEM slot. |
| Displayed name | Module Type |
| OSS name | powerEntryModuleType |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Operational State

Table 3-4609 Operational State

| Name | Value |
|--------------------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | OperationalState |
| Enumerated types: | |
| Booting | |
| Degraded | |
| Diagnosing | |

Table 3-4609 Operational State (continued)

| Name | Value |
|----------------------|-------|
| Disabled | |
| Down | |
| Downgrade | |
| Empty | |
| Enabled | |
| Failed | |
| In Service Downgrade | |
| In Service Upgrade | |
| Indeterminate | |
| Invalid Connection | |
| No Link | |
| Not Present | |
| Not Relevant | |
| Provisioned | |
| Reserved | |
| Reset Pending | |
| Shutting Down | |
| Soft Reset | |
| Testing | |
| Transition | |
| Unknown | |
| Unprovisioned | |
| Unsupported SFF | |
| Up | |
| Upgrade | |

Part Number**Table 3-4610 Part Number**

| Name | Value |
|----------------|-------------|
| Default | yes: |
| Displayed name | Part Number |
| Maximum | 252 |

Table 3-4610 Part Number (continued)

| Name | Value |
|-------------|------------------------------|
| OSS name | manufacturerBoardNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Power Feed Monitoring**Table 3-4611 Power Feed Monitoring**

| Name | Value |
|--------------------------|---|
| Default | yes:enabled |
| Description | aluChassisPowerFeedMonitoring indicates if a chassis power feed failure is monitored. |
| Displayed name | Power Feed Monitoring |
| OSS name | powerFeedMonitoring |
| Read-only | no |
| Tab Panel | General General |
| Type | PowerFeedMonitoringType |
| Enumerated types: | |
| Disabled | |
| Enabled | |

Power Supply 1 Status**Table 3-4612 Power Supply 1 Status**

| Name | Value |
|--------------------------|------------------------|
| Default | yes:deviceStateUnknown |
| Displayed name | Power Supply 1 Status |
| OSS name | powerSupply1Status |
| Read-only | yes |
| Tab Panel | General General |
| Type | DeviceState |
| Enumerated types: | |
| Failed | |
| MinorFailure | |

Table 3-4612 Power Supply 1 Status (continued)

| Name | Value |
|--------------|-------|
| Not Equipped | |
| OK | |
| OutOfservice | |
| Unknown | |

Power Supply 2 Status**Table 3-4613 Power Supply 2 Status**

| Name | Value |
|--------------------------|------------------------|
| Default | yes:deviceStateUnknown |
| Displayed name | Power Supply 2 Status |
| OSS name | powerSupply2Status |
| Read-only | yes |
| Tab Panel | General General |
| Type | DeviceState |
| Enumerated types: | |
| Failed | |
| MinorFailure | |
| Not Equipped | |
| OK | |
| OutOfservice | |
| Unknown | |

Power Supply Input Status**Table 3-4614 Power Supply Input Status**

| Name | Value |
|----------------|---------------------------|
| Default | yes:deviceStateUnknown |
| Displayed name | Power Supply Input Status |
| OSS name | powerSupplyInputStatus |
| Read-only | yes |
| Tab Panel | General General |
| Type | DeviceState |

Table 3-4614 Power Supply Input Status (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Failed | |
| MinorFailure | |
| Not Equipped | |
| OK | |
| OutOfservice | |
| Unknown | |

Power Supply Output Status**Table 3-4615 Power Supply Output Status**

| Name | Value |
|--------------------------|----------------------------|
| Default | yes:deviceStateUnknown |
| Displayed name | Power Supply Output Status |
| OSS name | powerSupplyOutputStatus |
| Read-only | yes |
| Tab Panel | General General |
| Type | DeviceState |
| Enumerated types: | |
| Failed | |
| MinorFailure | |
| Not Equipped | |
| OK | |
| OutOfservice | |
| Unknown | |

Power Supply Status**Table 3-4616 Power Supply Status**

| Name | Value |
|----------------|------------------------|
| Default | yes:deviceStateUnknown |
| Displayed name | Power Supply Status |
| OSS name | powerSupplyStatus |

Table 3-4616 Power Supply Status (continued)

| Name | Value |
|--------------------------|-----------------|
| Read-only | yes |
| Tab Panel | General General |
| Type | DeviceState |
| Enumerated types: | |
| Failed | |
| MinorFailure | |
| Not Equipped | |
| OK | |
| OutOfservice | |
| Unknown | |

Power(Watts)**Table 3-4617 Power(Watts)**

| Name | Value |
|----------------|----------------------|
| Displayed name | Power(Watts) |
| OSS name | powerSupplyPhysPower |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Serial Number**Table 3-4618 Serial Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Serial Number |
| Maximum | 252 |
| OSS name | serialNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Shelf ID**Table 3-4619 Shelf ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Shelf ID |
| OSS name | shelfId |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Site ID**Table 3-4620 Site ID**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site Name**Table 3-4621 Site Name**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Supported PEQ Type

Table 3-4622 Supported PEQ Type

| Name | Value |
|--------------------------|--------------------|
| Default | yes:unassigned |
| Displayed name | Supported PEQ Type |
| OSS name | supportedPEQType |
| Read-only | yes |
| Tab Panel | General PEQ |
| Type | PEQType |
| Enumerated types: | |
| APEQ DC 2000 | |
| Invalid PEQ | |
| No PEQ | |

Temperature Status

Table 3-4623 Temperature Status

| Name | Value |
|--------------------------|--------------------|
| Default | yes:deviceStateOk |
| Displayed name | Temperature Status |
| OSS name | temperatureStatus |
| Read-only | yes |
| Tab Panel | General General |
| Type | DeviceRangeState |
| Enumerated types: | |
| Not Equipped | |
| OK | |
| Out of Range | |
| Unknown | |

Tray ID

Table 3-4624 Tray ID

| Name | Value |
|---------|-------|
| Default | yes:1 |

Table 3-4624 Tray ID (continued)

| Name | Value |
|-----------------------|-----------------|
| Displayed name | Tray ID |
| Mandatory on creation | yes |
| OSS name | powerSupplyId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

PreviewHop parameters

Administrative State

Table 3-4625 Administrative State

| Name | Value |
|----------------|-------------------------------|
| Description | Administrative State. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.AdministrativeState |

AINS Enabled

Table 3-4626 AINS Enabled

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates if Port Level AINS(Automatic In Service) is enabled on the port which is represented by this Hop Object. |
| Displayed name | AINS Enabled |
| OSS name | ainsEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Channel
Table 3-4627 Channel

| Name | Value |
|--------------------------|--|
| Description | The optical channel - used for display in the service screen in SAM GUI. |
| Displayed name | Channel |
| OSS name | channel |
| Read-only | no |
| Tab Panel | General General |
| Type | ITUChannel |
| Enumerated types: | |
| 1310 | |
| 1471 | |
| 1490 | |
| 1491 | |
| 1511 | |
| 1530 | |
| 1531 | |
| 1550 | |
| 1551 | |
| 1571 | |
| 1591 | |
| 1611 | |
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |

Table 3-4627 Channel (continued)

| Name | Value |
|------|-------|
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |

Table 3-4627 Channel (continued)

| Name | Value |
|------|-------|
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |

Table 3-4627 Channel (continued)

| Name | Value |
|------|-------|
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |

Table 3-4627 Channel (continued)

| Name | Value |
|------|-------|
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |

Table 3-4627 Channel (continued)

| Name | Value |
|------|-------|
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |

Table 3-4627 Channel (continued)

| Name | Value |
|------|-------|
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

CTP**Table 3-4628 CTP**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Description | The CTP pointer of this hop. |
| Displayed name | CTP |
| OSS name | ctpPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Hop Order

Table 3-4629 Hop Order

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The position of the hop within the parent trail. The position of each hop is calculated based on traversing the parent trail from endpoint A to endpoint Z. |
| Displayed name | Hop Order |
| Minimum | 1 |
| OSS name | hopOrder |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Operational State

Table 3-4630 Operational State

| Name | Value |
|----------------|----------------------------|
| Description | Operational State. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.OperationalState |

Port

Table 3-4631 Port

| Name | Value |
|----------------|--|
| Description | The physical port pointer of this hop. |
| Displayed name | Port |
| OSS name | portPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Port Description
Table 3-4632 Port Description

| Name | Value |
|----------------|---|
| Description | The port description - used for display in the service screen in SAM GUI. |
| Displayed name | Port Description |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Rate**Table 3-4633 Rate**

| Name | Value |
|--------------------------|--|
| Description | The port rate - used for display in the service screen in SAM GUI. |
| Displayed name | Rate |
| OSS name | rate |
| Read-only | no |
| Tab Panel | General General |
| Type | AssignedRate |
| Enumerated types: | |
| | 100GbE LAN |
| | 10GbE LAN |
| | 1GbE |
| | 3GSDI |
| | 40GbE LAN |
| | 40GbE MLD LAN |
| | BITS |
| | CBR10G |
| | CBR10G3 |
| | CBR2G5 |
| | DCN |
| | DDR |
| | Default |
| | DVBASI |

Table 3-4633 Rate (continued)

| Name | Value |
|-------------------|-------|
| DVI 6000 | |
| E1 | |
| ESCON | |
| FC100 | |
| FC1200 | |
| FC1600 | |
| FC200 | |
| FC400 | |
| FC800 | |
| FDDI | |
| FE | |
| HDSDI | |
| N/A | |
| OC12 | |
| OC192 | |
| OC3 | |
| OC48 | |
| OC768 | |
| OCH | |
| ODU0 | |
| ODU1 | |
| ODU1e | |
| ODU1f | |
| ODU2 | |
| ODU2e | |
| ODU2f | |
| ODU3 | |
| ODU3e1 | |
| ODU3e2 | |
| ODU4 | |
| ODUFlex-3GSDI | |
| ODUFlex-40GBE MLD | |
| ODUFlex-CBR | |

Table 3-4633 Rate (continued)

| Name | Value |
|----------------|-------|
| ODUFlex-DDR | |
| ODUFlex-FC1200 | |
| ODUFlex-FC1600 | |
| ODUFlex-FC400 | |
| ODUFlex-FC800 | |
| ODUFlex-GFP | |
| OMS | |
| ONETRU | |
| OPTSG | |
| OS | |
| OTL4.4 | |
| OTS | |
| OTU1 | |
| OTU1f | |
| OTU2 | |
| OTU2e | |
| OTU3 | |
| OTU3e2 | |
| OTU4 | |
| OTU4x2 | |
| SDR | |
| SDSDI | |
| STM1 | |
| STM16 | |
| STM256 | |
| STM4 | |
| STM64 | |
| SubGigE | |
| TOD | |
| Unassigned | |
| Unknown | |

Site ID
Table 3-4634 Site ID

| Name | Value |
|----------------|--------------------------------------|
| Default | yes:0.0.0.0 |
| Description | The site id that the hop belongs to. |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-4635 Site Name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The site name that the hop belongs to. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

PreviewPath parameters**Additional Information****Table 3-4636 Additional Information**

| Name | Value |
|----------------|--|
| Description | Indicates why operational state is down for this connection. |
| Displayed name | Additional Information |
| OSS name | stateCause |
| Read-only | yes |

Table 3-4636 Additional Information (continued)

| Name | Value |
|--|------------------|
| Tab Panel | General States |
| Type | OperationalFlags |
| Enumerated types: | |
| Cross Connect Down | |
| Missing Cross Connect | |
| Missing ODUk Connection | |
| Missing VTS Connection | |
| OCH Trail Name Mismatch | |
| Port (that is not part of CrossConnect) Down | |
| VTS Connection is Down | |
| Wave Key Mode Mismatch | |

Bidirectional**Table 3-4637 Bidirectional**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Operational State**Table 3-4638 Operational State**

| Name | Value |
|----------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |

Table 3-4638 Operational State (continued)

| Name | Value |
|--------------------------|---------------------|
| Type | ConnectionOperState |
| Enumerated types: | |
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

Path ID**Table 3-4639 Path ID**

| Name | Value |
|-----------------------|-------------------------------|
| Default | yes:0 |
| Description | Unique id for the Connection. |
| Displayed name | Path ID |
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | connId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Path Mode**Table 3-4640 Path Mode**

| Name | Value |
|-----------------------|---|
| Default | yes:none |
| Description | The protection state of the connection. |
| Displayed name | Path Mode |
| Mandatory on creation | yes |

Table 3-4640 Path Mode (continued)

| Name | Value |
|--------------------------|-----------------|
| OSS name | protectionState |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Port A**Table 3-4641 Port A**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes: |
| Description | Physical port pointer for A end. |
| Displayed name | Port A |
| Mandatory on creation | yes |
| OSS name | portAPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Port Z**Table 3-4642 Port Z**

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Description | Physical port pointer for Z end. |
| Displayed name | Port Z |

Table 3-4642 Port Z (continued)

| Name | Value |
|-----------------------|-----------------|
| Mandatory on creation | yes |
| OSS name | portZPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Processor Card parameters

Administrative State

Table 3-4643 Administrative State

| Name | Value |
|--------------------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General Equipment |
| Type | AdministrativeState |
| Enumerated types: | |
| Diagnose | |
| Down | |
| Locked | |
| Maintenance | |
| Not Relevant | |
| Operate Switch | |
| Shutting Down | |
| Unknown | |
| Unlocked | |
| Up | |

Background Diagnostics Fault Reason**Table 3-4644 Background Diagnostics Fault Reason**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Displayed name | Background Diagnostics Fault Reason |
| OSS name | backgroundDiagnosticsFaultReason |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Background Diagnostics State**Table 3-4645 Background Diagnostics State**

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:unknown |
| Displayed name | Background Diagnostics State |
| OSS name | backgroundDiagnosticsState |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | BackgroundDiagnosticsStateType |
| Enumerated types: | |
| | Critical Fault Detected |
| | Fault Detected |
| | N/A |
| | Ok |
| | Unknown |

Boot Code Version**Table 3-4646 Boot Code Version**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Boot Code Version |
| Maximum | 255 |
| Minimum | 0 |

Table 3-4646 Boot Code Version (continued)

| Name | Value |
|-------------|----------------------|
| OSS name | bootEpromVersion |
| Read-only | yes |
| Tab Panel | General Card Details |
| Type | STRING |

CAM Error Count**Table 3-4647 CAM Error Count**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of times the complex experienced an occurrence of a CAM error since startup, or card reboot. |
| Displayed name | CAM Error Count |
| OSS name | complexCAMErrorCount |
| Read-only | yes |
| Tab Panel | General Cam Errors |
| Type | INT |

Card Type**Table 3-4648 Card Type**

| Name | Value |
|-------------------------------|----------------------|
| Default | yes:unassigned |
| Displayed name | Card Type |
| Mandatory on creation | yes |
| OSS name | specificType |
| Read-only | no |
| Tab Panel | General Slot Details |
| Type | CardType |
| Enumerated types: | |
| 1 Colour Optical Add/Drop Mux | |
| 1 Tb CPM / Switch Fabric 4 | |
| 1 Tb Switch Fabric 4 | |

Table 3-4648 Card Type (continued)

| Name | Value |
|--|-------|
| 1 Tb Switch Fabric 5 | |
| 1 x 10-Gig Ethernet | |
| 1 x 10-Gig Ethernet + 10 x 10/100/1000 Ethernet SFP | |
| 1 x 10-Gig Ethernet DWDM Tunable Optics | |
| 1 x 10-Gig Ethernet XFP | |
| 1 x 10-Gig Extended Performance XFP | |
| 1 x 100-Gig Ethernet CFP2 | |
| 1 x 100GE CFP | |
| 1 x Channelized OC12 ASAP | |
| 1 x Channelized OC12 CES | |
| 1 x Channelized OC3 CES | |
| 1 x Channelized OC3 CES CMA | |
| 1 x Gig Ethernet SFP CMA | |
| 1 X Gig Ethernet XP SFP CMA | |
| 1 x OC12 Deep Channel | |
| 1 x OC192 | |
| 1 x Radio Modem | |
| 1 x STM (Channelized) | |
| 1-PAC FP3 IMM | |
| 1-Port 100GE CFP IMM | |
| 1-Port 40GE CFP IMM | |
| 1-Port 40GE OTU3 Long Reach DWDM Tunable IMM | |
| 1-Port OC768 OTU3 Long Reach DWDM Tunable IMM | |
| 10 x 1-Gig Ethernet SFP | |
| 10 x 1-Gig Extended Performance SFP | |
| 10 x 10-Gig Ethernet SFP+ | |
| 10 x 10/100/1000 Ethernet SFP | |
| 10 x 10GE XP SFP+ | |
| 10-Port Fast/Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port Gig Ethernet (8 FX, 2 TX) | |
| 10-Port Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port GIGE SFP + 1-Port 10GE SFP+ IMM | |
| 10-Port GIGE SFP + 1-Port 10GE XFP IMM | |

Table 3-4648 Card Type (continued)

| Name | Value |
|---|-------|
| 10-Port GIGE SFP IMM | |
| 10-Port PoE Fast/Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 10-Port PoE Gig Ethernet(8 TX, 2 Dual TX/FX) - S | |
| 10-Port PoE Gig Ethernet(8 TX, 2 Dual TX/FX, 2 SFP) | |
| 100g CPM / Switch Fabric | |
| 11 x 1G SFP / 22 x 1G CSPF IMM | |
| 12 x 1-Gig Extended Performance SFP | |
| 12 x 10/100/1000 Ethernet SFP + 10 Copper + 4 x 10 GigE XFP | |
| 12 x 100/1000 SFP + 12 x 10/100/1000 Ethernet | |
| 12 x Channelized DS3/E3 ASAP | |
| 12 x DS3/E3 Deep Channel | |
| 12 x Fast Ethernet 100 FX | |
| 12 x Serial Data | |
| 12 x Serial Data v2 | |
| 12-Port 10 Gig Ethernet SFP+ (OS-XNI-U12) | |
| 12-Port 10 Gig Ethernet SFP+ (OS9-XNI-U12E) | |
| 12-Port 10GE SF IMM | |
| 120g CPM / Switch Fabric | |
| 120g Extended Performance CPM / Switch Fabric | |
| 14-Port Gig Ethernet (12 TX (4 PoE), 2 FX) | |
| 16 x ATM OC3 SFP | |
| 16 x ATM OC3 SFP B | |
| 16 x Channelized DS1/E1 ASAP | |
| 16 x Channelized DS1/E1 ASAP v2 | |
| 16 x E1 (ASAP) | |
| 16 x OC12/OC3 SFP | |
| 16 x OC12/OC3 SFP B | |
| 16 x OC3 SFP | |
| 16-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U16E) | |
| 2 Colour Optical Add/Drop Mux | |
| 2 PORT 100GE CFP C-XMA | |
| 2 Tb Switch Fabric 5 | |
| 2 x 10 GigE XFP | |

Table 3-4648 Card Type (continued)

| Name | Value |
|------|---|
| | 2 x 10-Gig Bridged Ethernet XFP + 1 x 2.5G Virtual Ethernet |
| | 2 x 10-Gig Bridged Ethernet XFP + 1 x 2.5G Virtual Ethernet Module |
| | 2 x 10-Gig Ethernet + 12 x 1-Gig Ethernet XP |
| | 2 x 10-Gig Ethernet XFP |
| | 2 x 10-Gig Extended Performance XFP |
| | 2 x 10-Gig MDA IOM |
| | 2 x 10-Gig MDA IOM 2 |
| | 2 x 10-Gig MDA IOM Card, B |
| | 2 x 10-Gig MDA Oversubscribed IOM Card |
| | 2 x 10/100/1000 SFP + 1 x 10/100/1000 SFP/Ethernet Combo + 2 x 10/100/1000 Ethernet |
| | 2 x 10/40 Gig MDA IOM card |
| | 2 x 10GE SFP + 12 x 1GE SFP |
| | 2 x 10Gig Ethernet Extended Performance XFP WaveTracker |
| | 2 x 40 Gig MDA IOM card |
| | 2 x Channelized OC12 ASAP |
| | 2 x Channelized OC3/STM1 ASAP SFP |
| | 2 x DS3 |
| | 2 x Gig Ethernet 1000 FX |
| | 2 x OC12/OC3 CMA |
| | 2 x OC12/OC3 CMA B |
| | 2 x OC192 Extended Performance XFP |
| | 2 x OC48 SFP |
| | 2 x Serial Data + 2 x Channelized DS1/E1 |
| | 2 x STM |
| | 2 x XP MDA IOM 3 |
| | 2 x XP MDA IOM 3, B |
| | 2 x XP MDA IOM 3, C |
| | 2+2 x Ethernet (EAS) |
| | 2-PAC FP3 IMM |
| | 2-Port 10 Gig Ethernet XFP (OS9-XNI-U2) |
| | 2-Port 10 Gig Ethernet XFP (OS9-XNI-U2E) |
| | 2-Port 10GE SFP+ IMM |
| | 2-Port 10GE XFP IMM |

Table 3-4648 Card Type (continued)

| Name | Value |
|--|-------|
| 2-PPAC FP3 IMM | |
| 2.4 Tb Switch Fabric 5 | |
| 20 PORT 10GE SFP + C-XMA | |
| 20 x 10/100/1000 Ethernet Extended Performance SFP | |
| 20 x 10/100/1000 Ethernet Extended Performance TX | |
| 20 x 10/100/1000 Ethernet SFP | |
| 20 x 10/100/1000 Ethernet Tx | |
| 20 x 100 Ethernet Fx | |
| 20-Port 10 Gig Ethernet (OS6900-T20) | |
| 20-Port 10 Gig Ethernet SFP+ (OS6900-X20) | |
| 200g CPM / Switch Fabric | |
| 200g CPM / Switch Fabric 2 | |
| 22-Port (8 TX, 12 FX, 2 GE) | |
| 22-Port Gig Ethernet (20 TX, 2 FX) (OS9-GNI-C20L) | |
| 24 x 10/100/1000 Ethernet SFP | |
| 24 x 10/100/1000 Ethernet SFP + 2 x 10 GigE XFP | |
| 24 x Fast Ethernet 10/100 FX | |
| 24 x Fast Ethernet 10/100 TX | |
| 24 x Gig Ethernet (20 FX, 4 Dual TX/FX) | |
| 24 x Gig Ethernet (20 TX, 4 Dual TX/FX) | |
| 24-Port (20 x Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 24-Port (20 x PoE Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 24-Port (8 TX, 12 FX, 4 GE) | |
| 24-Port Fast Ethernet Metro(24 TX, 2 Dual TX/FX) | |
| 24-Port Fast Ethernet SME(24 TX, 2 Dual TX/FX) | |
| 24-Port Fast Ethernet SME(24 TX, 2 Dual TX/FX) with DC Power Supply | |
| 24-Port Fast-Ethernet | |
| 24-Port Fast-Ethernet FX | |
| 24-Port Fast/Gig Ethernet(24 TX, 2 SFP) | |
| 24-Port Gig Ethernet (2 Dual TX/FX, 22 FX) | |
| 24-Port Gig Ethernet (2 Dual TX/FX, 22 FX) with Internal DC Power Supply | |
| 24-Port Gig Ethernet (20 TX (4 PoE), 4 Dual TX/FX) | |
| 24-Port Gig Ethernet (20 TX, 4 Dual TX/FX) | |

Table 3-4648 Card Type (continued)

| Name | Value |
|--|-------|
| 24-Port Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port Gig Ethernet (22 FX, 2 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port Gig Ethernet (22 FX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port Gig Ethernet (22 FX, 2 TX/FX) | |
| 24-Port Gig Ethernet (22 FX, 2 TX/FX, 2 FX/STK) | |
| 24-Port Gig Ethernet (4 Dual TX/FX, 20 TX) | |
| 24-Port Gig Ethernet FX (OS9-GNI-U24) | |
| 24-Port Gig Ethernet FX (OS9-GNI-U24E) | |
| 24-Port Gig Ethernet TX (OS9-GNI-C24) | |
| 24-Port Gig Ethernet TX (OS9-GNI-C24E) | |
| 24-Port Gig Ethernet(20 FX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port Gig Ethernet(20 TX, 4 Dual TX/FX) - E | |
| 24-Port Gig Ethernet(22 FX, 2 Dual TX/FX, 2 SFP) | |
| 24-Port Gig Ethernet(22 FX, 2 Dual TX/FX, 2 SFP) - S | |
| 24-Port Gig Ethernet(24 TX, 2 SFP) | |
| 24-Port PoE Fast/Gig Ethernet(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 24-Port PoE Gig Ethernet (20 TX, 4 Dual TX/FX) - E | |
| 24-Port PoE Gig Ethernet SME(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet TX (OS9-GNI-P24) | |
| 24-Port PoE Gig Ethernet TX (OS9-GNI-P24E) | |
| 24-Port PoE Gig Ethernet(20 TX, 4 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet(24 TX, 2 Dual TX/FX) | |
| 24-Port PoE Gig Ethernet(4 Dual TX/FX, 20 TX) | |
| 250g CPM / Switch Fabric 3 | |
| 3-Port 40 Gig Ethernet QSFP+ (OS-QNI-U3) | |
| 3-Port 40GIGE QSFP IMM | |
| 32 x Channelized DS1/E1 ASAP v2 | |
| 32 x DS1 | |
| 32 x E1 | |

Table 3-4648 Card Type (continued)

| Name | Value |
|---|-------|
| 32-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U32E) | |
| 32-Port 10 Gig Ethernet SFP+ (OS10K-XNI-U32S) | |
| 4 Colour Optical Add/Drop Mux | |
| 4 PORT 100GE CFP2 XMA | |
| 4 PORT 100GE CXP XMA | |
| 4 x 10-Gig Extended Performance XFP | |
| 4 x 10/100 Ethernet TX | |
| 4 x 10/100/1000 1Gig SFP + 2 x 10Gig SFP+ + SyncE | |
| 4 x 10/100/1000 Ethernet Tx | |
| 4 x 10GE SFP+ | |
| 4 x ATM OC12/OC3 SFP | |
| 4 x ATM OC12/OC3 SFP B | |
| 4 x Channelized DS3/E3 ASAP | |
| 4 x Channelized OC3 ASAP | |
| 4 x Channelized OC3 CES | |
| 4 x Channelized OC3/OC12 ASAP SFP | |
| 4 x DS1/E1 CE | |
| 4 x DS3/E3 CMA | |
| 4 x DS3/E3 Deep Channel | |
| 4 x Gig Ethernet (2 TX, 2 FX) | |
| 4 x MDA IOM | |
| 4 X MWA Gig Ethernet (2 TX, 2 SFP) + 4 X Gig Ethernet SFP | |
| 4 x OC3 Deep Channel | |
| 4 x OC3/STM1 ASAP SFP | |
| 4 x OC48 SFP | |
| 4 x OC48 SFP B | |
| 4+4 x Ethernet (EAS) | |
| 4-Port 10 Gig Ethernet SFP+ (OS-XNI-U4) | |
| 4-Port 100GE CFP4 IMM | |
| 4-Port 100GE CXP IMM | |
| 4-Port 10GE SFP+ IMM | |
| 4-Port 10GE XFP IMM | |
| 4-Port 40 Gig Ethernet QSFP+ (OS10K-QNI-U4E) | |

Table 3-4648 Card Type (continued)

| Name | Value |
|--|-------|
| 40 PORT 10GE SFP+ XMA | |
| 40-Port 10 Gig Ethernet (OS6900-T40) | |
| 40-Port 10 Gig Ethernet SFP+ (OS6900-X40) | |
| 40-Port 10GE SFP+ IMM | |
| 400g CPM / Switch Fabric | |
| 400g CPM / Switch Fabric 2 | |
| 44 x 1GE CSFP | |
| 48 x Fast Ethernet 10/100 TX | |
| 48 x Gig Ethernet Extended Performance TX | |
| 48-Port (44 x Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 48-Port (44 x PoE Fast Ethernet 10/100, 4 Dual GigE TX/FX) | |
| 48-Port Fast-Ethernet | |
| 48-Port Fast/Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port Gig Ethernet (4 Dual TX/FX, 44 TX) | |
| 48-Port Gig Ethernet (44 TX, 4 Dual TX/FX) | |
| 48-Port Gig Ethernet (46 TX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 48-Port Gig Ethernet + 2 x 10-GigE XFP | |
| 48-Port Gig Ethernet SFP (OS10K-GNI-U48E) | |
| 48-Port Gig Ethernet TX (OS10K-GNI-C48E) | |
| 48-Port Gig Ethernet TX (OS9-GNI-C48T) | |
| 48-Port Gig Ethernet(44 TX, 4 Dual TX/FX) - E | |
| 48-Port Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port GIGE SFP IMM | |
| 48-Port GIGE SFP IMM, B | |
| 48-Port GIGE SFP IMM, C | |
| 48-Port GIGE TX IMM | |
| 48-Port GIGE TX IMM, B | |
| 48-Port PoE Fast/Gig Ethernet(48 TX, 2 SFP) | |
| 48-Port PoE Gig Ethernet (44 TX, 4 Dual TX/FX) - E | |
| 48-Port PoE Gig Ethernet (46 TX, 2 Dual TX/FX) + 2 x 10-GigE XFP - E | |
| 48-Port PoE Gig Ethernet + 2 x 10-GigE XFP | |
| 48-Port PoE Gig Ethernet(4 Dual TX/FX, 44 TX) | |
| 48-Port PoE Gig Ethernet(44 TX, 4 Dual TX/FX) | |

Table 3-4648 Card Type (continued)

| Name | Value |
|---|-------|
| 48-Port PoE Gig Ethernet(48 TX, 2 SFP) | |
| 5 x 1-Gig Ethernet SFP | |
| 5 x 10/100/1000 Ethernet SFP | |
| 5 X Gig Ethernet XP SFP CMA | |
| 5-Port 10GE XFP IMM | |
| 500g CPM / Switch Fabric 3 | |
| 500g CPM / Switch Fabric 4 | |
| 6 PORT 40GE QSFP C-XMA | |
| 6 x 10/100 Ethernet + 2 x 10/100/1000 Ethernet SFP | |
| 6 x 10/100 Ethernet + 2 x 10/100/1000 Ethernet SFP v2 | |
| 6 x 100/1000 SFP + 4 x 10/100/1000 Ethernet | |
| 6 x 10GE SFP + 1 x 40GE QSFP+ | |
| 6 x EM | |
| 6 x FXS Interface | |
| 6-Port 10 Gig Ethernet XFP (OS9-XNI-U6) | |
| 6-Port Gig Ethernet (4 x 10 Gig SFP+, 2 x 40 Gig QSFP+) (OS-HNI-U6) | |
| 60 x 10/100 Ethernet | |
| 72 PORT 1GE SFP C-XMA | |
| 7210 CPM, Internal | |
| 7210 IOM | |
| 7705 1g CSM | |
| 7705 1g/10g CSM | |
| 7705 2.5g CSM | |
| 7705 IOM | |
| 7705 SAR-8 1g/10g CSM | |
| 7710 CFM | |
| 7710 IOM | |
| 7750-SRc4 CFM-C4-XP | |
| 7750-SRc4 IOM-C4-XP | |
| 7850 CPM DCOR | |
| 7850 CPM VSA | |
| 7850 CPM VSA-2 | |
| 7850 CPM VSG | |

Table 3-4648 Card Type (continued)

| Name | Value |
|--|-------|
| 8 Colour Optical Add/Drop Mux | |
| 8 x 10/100 Ethernet Tx CMA | |
| 8 x 10/100/1000 Ethernet SFP | |
| 8 x 10/100/1000 Ethernet SFP v2 | |
| 8 x 10/100/1000 Ethernet SFP v3 | |
| 8 X ATM DS1/E1 CMA | |
| 8 x DS1/E1 Channel CMA | |
| 8 x Fast Ethernet 10/100 TX | |
| 8 x FXO Interface | |
| 8 x OC12/OC3 SFP | |
| 8 x OC3 SFP | |
| 8 x Voice Teleprotection Interface | |
| 8-Port 10 Gig Ethernet (OS-XNI-T8) | |
| 8-Port 10GE XFP IMM | |
| 8-Port 10GE XFP IMM, B | |
| 8-Port 40 Gig Ethernet QSFP+ (OS10K-QNI-U8E) | |
| 8-Port Fast Ethernet Metro(8 TX, 2 Dual TX/FX) | |
| 80g CPM / Switch Fabric 2 | |
| Amplifier and Associated Cards | |
| ATCA Blade | |
| ATCA Hub | |
| ATCA ShMC | |
| AUX | |
| Auxiliary Alarm | |
| Base Band | |
| Blade | |
| Board | |
| CFM-XP | |
| CFM-XP-B | |
| Control Board | |
| Controller | |
| CORE | |
| CORE-ENH | |

Table 3-4648 Card Type (continued)

| Name | Value |
|--|-------|
| CPM / Switch Fabric 4 E | |
| CPM 5 | |
| CPM A | |
| CPM X16 | |
| CPM X20 | |
| DCM Module | |
| DCM:Dispersion Comp. Card | |
| DSL Module | |
| EASv2 | |
| EC:Equipment Controller Card | |
| Eth Card-A | |
| Eth Card-B | |
| Fan Unit | |
| Filter Card | |
| Generic Card | |
| Gig Ethernet SFP | |
| GPON Module | |
| HP Workstation | |
| HSMDA 1 x 10-Gig XFP, B | |
| HSMDA 10 x 1 Gig SFP | |
| i1 x GPS Rx | |
| i16 x Channelized DS1/E1 ASAP | |
| i16 x Channelized DS1/E1 ASAP v2 | |
| i2 x 10/100/Gig Ethernet SFP + 4 x 10/100/Gig Ethernet TX RJ45 | |
| i2 x Serial Data | |
| i3 x 10/100/1000 Copper Ethernet + 4 x 10/100/1000 Ethernet SFP | |
| i3 x Gig SFP + 1 x 10/100/1000 Copper SyncE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper PoE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper PoE+ SyncE | |
| i3 x Gig SFP + 2 x 10/100/1000 Copper SyncE | |
| i4 x 10/100/Gig Ethernet(2 SFP, 2 SFP/RJ45 Combo) + 4 x (PoE) 10/100/Gig Ethernet TX | |
| i4 x xDSL Ports | |
| i8 x 10/100/1000 Ethernet SFP v3 | |

Table 3-4648 Card Type (continued)

| Name | Value |
|---|-------|
| i8 x Channelized DS1/E1 ASAP | |
| i8 x MWA Gig Ethernet (100/1000 SFP, 10/100/1000 RJ45) + 4 x FE (10/100 RJ45) | |
| ICM 2 x 10-Gig Extended Performance XFP | |
| IMM 1 x 100GE CFP | |
| IMM 1 x 40GE Extended Performance CFP | |
| IMM 1 x 40GE OTU3 DWDM Tunable Optics | |
| IMM 1 x OC768 OTU3 DWDM Tunable Optics | |
| IMM 10 x 10/100/1000 SFP + 1 x 10GE SFP+ | |
| IMM 10 x 10/100/1000 Ethernet SFP | |
| IMM 10 x 10/100/1000 Ethernet SFP + 1 x 10G XFP | |
| IMM 11 x 10/100/1000 Ethernet SPF/ 22 x 10/100/1000 Ethernet CSFP | |
| IMM 12 x 10GE SF | |
| IMM 2 x 10G SFP+ | |
| IMM 2 x 10G XFP | |
| IMM 2 x 10GE Extended Performance XFP | |
| IMM 24 x 10/100/1000 Ethernet Extended Performance SFP | |
| IMM 24 x 10/100/1000 Ethernet Extended Performance TX | |
| IMM 3 x 40GE Extended Performance QSFP | |
| IMM 4 x 100GE CFP4 | |
| IMM 4 x 100GE CXP | |
| IMM 4 x 10G SFP+ | |
| IMM 4 x 10GE Extended Performance XFP | |
| IMM 40 x 10GE SFP | |
| IMM 5 x 10GE Extended Performance XFP | |
| IMM P1 x 100GE CFP | |
| IMM P1 x 100GE OTU4 DWDM Tunable Optics | |
| IMM P10 x 10GE SFP | |
| IMM P20 x 1GE SFP | |
| IMM P3 x 40GE QSFP | |
| IMM P6 x 10GE SFP | |
| Integrated Services Card | |
| IOM (CPAA) | |
| IOM-XP | |

Table 3-4648 Card Type (continued)

| Name | Value |
|---|-------|
| IOM-XP-B | |
| ISA Application Assurance | |
| ISA Broadband Applications | |
| ISA IP Reassembly | |
| ISA IP Security | |
| ISA Mobile | |
| ISA Multi-Service | |
| ISA Multi-Service Export | |
| ISA TMS | |
| ISA Tunnel | |
| ISA Video | |
| ISA-2 IP Reassembly | |
| ISA-2 IP Security | |
| ISA-2 Mobile | |
| ISA2 Application Assurance | |
| ISA2 Broadband Applications | |
| ISA2 Multi Service | |
| ISA2 Tunnel | |
| ISM Mobile | |
| ISM Mobile 2-PAC FP3 | |
| ISM Mobile B | |
| ITLB:Interleaver Card | |
| ITLU:Interleaver Card, Unidirectional | |
| m15-40g-qsfp | |
| m32-10g-sfp+16-40g-qsfp | |
| MCM-v1 | |
| MCM-XP | |
| MPRe IOM | |
| MSH8-FSM:Mesh 8 Degree Fiber Shuffle Card | |
| MSS1 | |
| No Change | |
| No Daughter Card | |
| No MCM Card | |

Table 3-4648 Card Type (continued)

| Name | Value |
|---------------------------|-------|
| No Processor/Base Card | |
| NUAGE-1 VSC CPM | |
| Optical Client/Line Cards | |
| Optical Transponder Card | |
| OS10K-CFM | |
| OS10K-CMM | |
| OS9600-CMM | |
| OS9700-CMM | |
| OS9700E-CMM | |
| OS9800-CMM | |
| OS9800E-CMM | |
| p1 x GPS Rx | |
| PDN Gateway | |
| PF:Power Filter Card | |
| Power Amplifier-A | |
| Power Amplifier-B | |
| Power Injector Card | |
| Power Supply-A | |
| Power Supply-B | |
| PSC 1x6 Splitter/Combiner | |
| PTP Card | |
| Receiver-A | |
| Receiver-B | |
| Relay Card | |
| SBBU Extension Card | |
| SBBU Interface Card | |
| SFAN | |
| SFM X16 | |
| SFM X16 B | |
| SFM X20 | |
| SFM X20 B | |
| SFM X20S B | |
| Sun Netra | |

Table 3-4648 Card Type (continued)

| Name | Value |
|--|-------|
| Sun Workstation | |
| TMN Card | |
| Transmitter-A | |
| Transmitter-B | |
| Unsupported Daughter Card | |
| Unsupported MCM Card | |
| Unsupported Processor/Base Card | |
| User Interface Panel | |
| VSM Cross Connect Adaptor | |
| VSM Cross Connect Adaptor Extended Performance | |
| Wavelength Router Card | |
| X4170 | |
| XCM X16 | |
| XCM X16w | |
| XCM X20 | |
| XMDA 1p x 10GigE / 10p x 1GigE SFP | |
| XMDA 1p x 10GigE / 10p x 1GigE SFP v2 | |

CLEI Code**Table 3-4649 CLEI Code**

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General Equipment Location Codes |
| Type | STRING |

Clocking Reference

Table 3-4650 Clocking Reference

| Name | Value |
|--------------------------|--|
| Default | yes:none |
| Description | The current Master/Slave clocking reference designation. |
| Displayed name | Clocking Reference |
| OSS name | masterSlaveCllockingRefState |
| Read-only | yes |
| Tab Panel | General Master/Slave Cllocking Reference State |
| Type | ClockingRefState |
| Enumerated types: | |
| None | |
| Not Initialized | |
| Primary | |
| Secondary | |

Equipped

Table 3-4651 Equipped

| Name | Value |
|----------------|----------------------|
| Default | yes:false |
| Displayed name | Equipped |
| OSS name | isEquipped |
| Read-only | yes |
| Tab Panel | General Slot Details |
| Type | BOOL |

Firmware Revision Status

Table 3-4652 Firmware Revision Status

| Name | Value |
|----------------|--------------------------|
| Default | yes:notApplicable |
| Displayed name | Firmware Revision Status |
| OSS name | hwFirmwareRevisionStatus |
| Read-only | yes |

Table 3-4652 Firmware Revision Status (continued)

| Name | Value |
|--------------------------|-------------------------------|
| Tab Panel | General Equipment |
| Type | HwFirmwareRevisionStatusTypes |
| Enumerated types: | |
| Acceptable | |
| Not Acceptable | |
| Not Applicable | |
| Upgrade Pending | |
| Upgrading | |

Hardware Class**Table 3-4653 Hardware Class**

| Name | Value |
|--------------------------|------------------------------|
| Default | no |
| Displayed name | Hardware Class |
| OSS name | hardwareClass |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | HardwareClassType |
| Enumerated types: | |
| External Alarm Input | |
| Fam | |
| N/A | |

Internal Datapath Cell Error Count**Table 3-4654 Internal Datapath Cell Error Count**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of times the complex experienced an occurrence of an internal datapath cell error since startup, or card reboot. |
| Displayed name | Internal Datapath Cell Error Count |
| OSS name | complexChipIfCellErrCount |

Table 3-4654 Internal Datapath Cell Error Count (continued)

| Name | Value |
|-------------|---------------------------------------|
| Read-only | yes |
| Tab Panel | General Internal Datapath Cell Errors |
| Type | INT |

Internal Datapath Error Count**Table 3-4655 Internal Datapath Error Count**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the number of times the complex experienced an occurrence of an internal datapath problem since startup, or card reboot. |
| Displayed name | Internal Datapath Error Count |
| OSS name | complexChipIfDownErrCount |
| Read-only | yes |
| Tab Panel | General Internal Datapath Errors |
| Type | INT |

Last Occurred**Table 3-4656 Last Occurred**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time tmnxCpmCardCmplBufMemErrOcc incremented. |
| Displayed name | Last Occurred |
| OSS name | complexBufMemErrOccTime |
| Read-only | yes |
| Tab Panel | General Buffer Memory Errors |
| Type | DATE |

Last Occurred**Table 3-4657 Last Occurred**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time tmnxCpmCardCmplxCAMErrOccur incremented. |
| Displayed name | Last Occurred |
| OSS name | complexCAMErrorOccurTime |
| Read-only | yes |
| Tab Panel | General Cam Errors |
| Type | DATE |

Last Occurred**Table 3-4658 Last Occurred**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the last time tmnxCpmCardCmplChipIfCellOcc incremented. |
| Displayed name | Last Occurred |
| OSS name | complexChipIfCellOccTime |
| Read-only | yes |
| Tab Panel | General Internal Datapath Cell Errors |
| Type | DATE |

Last Occurred**Table 3-4659 Last Occurred**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the last time tmnxCpmCardCmplChipIfDownOcc incremented. |
| Displayed name | Last Occurred |
| OSS name | complexChipIfDownOccTime |
| Read-only | yes |
| Tab Panel | General Internal Datapath Errors |
| Type | DATE |

Last Occurred**Table 3-4660 Last Occurred**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time tmnxCpmCardCmplIntMemErrOcc incremented. |
| Displayed name | Last Occurred |
| OSS name | complexIntMemErrOccTime |
| Read-only | yes |
| Tab Panel | General Internal Memory Errors |
| Type | DATE |

Last Occurred**Table 3-4661 Last Occurred**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time tmnxCpmCardCmplxMemErrOccurTime incremented. |
| Displayed name | Last Occurred |
| OSS name | complexMemErrorOccurTime |
| Read-only | yes |
| Tab Panel | General PChip Memory Errors |
| Type | DATE |

Last Occurred**Table 3-4662 Last Occurred**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the last time tmnxCpmCardCmplMemMemErrOcc incremented. |
| Displayed name | Last Occurred |
| OSS name | complexStatMemErrOccTime |
| Read-only | yes |
| Tab Panel | General Statistics Memory Errors |
| Type | DATE |

Manufacture Date**Table 3-4663 Manufacture Date**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacture Date |
| Maximum | 252 |
| OSS name | manufactureDate |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturer**Table 3-4664 Manufacturer**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturer |
| Maximum | 252 |
| OSS name | manufacturer |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Assembly No**Table 3-4665 Manufacturing Assembly No**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Assembly No |
| OSS name | manufacturingAssemblyNo |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Deviations
Table 3-4666 Manufacturing Deviations

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Deviations |
| OSS name | manufacturingDeviations |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Variant**Table 3-4667 Manufacturing Variant**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Variant |
| OSS name | manufacturingVariant |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Memory Error Count**Table 3-4668 Memory Error Count**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of times the complex experienced an occurrence of a buffer memory error since startup, or card reboot. |
| Displayed name | Memory Error Count |
| OSS name | complexBufMemErrCount |
| Read-only | yes |
| Tab Panel | General Buffer Memory Errors |
| Type | INT |

Memory Error Count**Table 3-4669 Memory Error Count**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the number of times the complex experienced an occurrence of an internal memory error since startup, or card reboot. |
| Displayed name | Memory Error Count |
| OSS name | complexIntMemErrCount |
| Read-only | yes |
| Tab Panel | General Internal Memory Errors |
| Type | INT |

Memory Error Count**Table 3-4670 Memory Error Count**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Indicates the number of times the complex experienced an occurrence of a memory error since startup, or card reboot. |
| Displayed name | Memory Error Count |
| OSS name | complexMemErrorCount |
| Read-only | yes |
| Tab Panel | General PChip Memory Errors |
| Type | INT |

Memory Error Count**Table 3-4671 Memory Error Count**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Indicates the number of times the complex experienced an occurrence of a statistics memory error since startup, or card reboot. |
| Displayed name | Memory Error Count |
| OSS name | complexStatMemErrCount |
| Read-only | yes |
| Tab Panel | General Statistics Memory Errors |

Table 3-4671 Memory Error Count (continued)

| Name | Value |
|------|-------|
| Type | INT |

Number Of Daughter Card Slots**Table 3-4672 Number Of Daughter Card Slots**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:2 |
| Displayed name | Number Of Daughter Card Slots |
| OSS name | numberOfDaughterCardSlots |
| Read-only | yes |
| Tab Panel | General Card Details |
| Type | INT |

Number Of Installed Daughter Cards**Table 3-4673 Number Of Installed Daughter Cards**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:0 |
| Displayed name | Number Of Installed Daughter Cards |
| OSS name | numberOfInstalledDaughterCards |
| Read-only | yes |
| Tab Panel | General Card Details |
| Type | INT |

Operational State**Table 3-4674 Operational State**

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General Equipment |

Table 3-4674 Operational State (continued)

| Name | Value |
|--------------------------|------------------|
| Type | OperationalState |
| Enumerated types: | |
| Booting | |
| Degraded | |
| Diagnosing | |
| Disabled | |
| Down | |
| Downgrade | |
| Empty | |
| Enabled | |
| Failed | |
| In Service Downgrade | |
| In Service Upgrade | |
| Indeterminate | |
| Invalid Connection | |
| No Link | |
| Not Present | |
| Not Relevant | |
| Provisioned | |
| Reserved | |
| Reset Pending | |
| Shutting Down | |
| Soft Reset | |
| Testing | |
| Transition | |
| Unknown | |
| Unprovisioned | |
| Unsupported SFF | |
| Up | |
| Upgrade | |

Part Number**Table 3-4675 Part Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Part Number |
| Maximum | 252 |
| OSS name | manufacturerBoardNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Serial Number**Table 3-4676 Serial Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Serial Number |
| Maximum | 252 |
| OSS name | serialNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Shelf ID**Table 3-4677 Shelf ID**

| Name | Value |
|----------------|----------------|
| Default | yes:0 |
| Displayed name | Shelf ID |
| OSS name | shelfId |
| Read-only | yes |
| Tab Panel | Slot Equipment |
| Type | INT |

Shelf Type
Table 3-4678 Shelf Type

| Name | Value |
|--------------------------|----------------------|
| Displayed name | Shelf Type |
| OSS name | shelfType |
| Read-only | yes |
| Tab Panel | General Slot Details |
| Type | ShelfType |
| Enumerated types: | |
| 1830 PSS 1 AHP | |
| 1830 PSS 1 GBEH | |
| 1830 PSS 1 MD4H | |
| 1830 PSS 16 | |
| 1830 PSS 16 Shelf | |
| 1830 PSS 32 | |
| 1830 PSS 32 Shelf | |
| 1830 PSS 32s | |
| 1830 PSS 32s 1.2T Shelf | |
| 1830 PSS 32s 1.6T Shelf | |
| 1830 PSS 36 | |
| 1830 PSS 36 Shelf | |
| 1830 PSS 4 | |
| 1830 PSS 4 Shelf | |
| 1830 PSS 64 | |
| 1830 PSS 64 Shelf | |
| 1830 PSS TRU Shelf | |
| 1830 PSS Universal Shelf | |
| 5780 DSC - ATCA | |
| 5780 DSC - CSB | |
| 5780 DSC - DCP | |
| 5780 DSC - Non-ATCA | |
| 5780 DSC - PCRF | |
| 7210 SAS-D-6F-4T | |
| 7210 SAS-D-6F-4T ETR | |
| 7210 SAS-E | |

Table 3-4678 Shelf Type (continued)

| Name | Value |
|-------------------------------|-------|
| 7210 SAS-K-2F-3T | |
| 7210 SAS-K-2F-3T ETR | |
| 7210 SAS-M-24F | |
| 7210 SAS-M-24F ETR | |
| 7210 SAS-M-24F-2XFP | |
| 7210 SAS-M-24F-2XFP ETR | |
| 7210 SAS-R6 | |
| 7210 SAS-T-12F-10T-4XFP | |
| 7210 SAS-T-12F-10T-4XFP ETR | |
| 7210 SAS-X-24F-2XFP | |
| 7250 SAS | |
| 7250 SAS ES | |
| 7250 SAS ESA | |
| 7450-ESS1 | |
| 7450-ESS12 | |
| 7450-ESS24 | |
| 7450-ESS4 | |
| 7450-ESS6 | |
| 7450-ESS6V | |
| 7450-ESS7 | |
| 7701 CAAA | |
| 7705 SAR-A | |
| 7705 SAR-A T1/E1 | |
| 7705 SAR-H | |
| 7705 SAR-Hc | |
| 7705 SAR-W | |
| 7705 SAR-Wx (4GE xDSL GPS Rx) | |
| 7705 SAR-Wx (4GE xDSL) | |
| 7705 SAR-Wx (5GE GPS Rx) | |
| 7705 SAR-Wx (5GE PoE+ GPS Rx) | |
| 7705 SAR-Wx (5GE PoE+) | |
| 7705 SAR-Wx (5GE) | |
| 7705-SAR18 | |

Table 3-4678 Shelf Type (continued)

| Name | Value |
|--|-------|
| 7705-SAR8 | |
| 7705-SAR8 v2 | |
| 7705-SARF | |
| 7705-SARM | |
| 7705-SARM ASAP | |
| 7705-SARM ASAP FL | |
| 7705-SARM FL | |
| 7710-SRc12 | |
| 7710-SRc4 | |
| 7750-SR1 | |
| 7750-SR12 | |
| 7750-SR12-MG | |
| 7750-SR12e | |
| 7750-SR24 | |
| 7750-SR4 | |
| 7750-SR7 | |
| 7750-SR7-MG | |
| 7750-SRa4 | |
| 7750-SRa8 | |
| 7750-SRc12 | |
| 7750-SRc4 | |
| 7850 | |
| 7950-XRS16 | |
| 7950-XRS20 | |
| 9412 D2U BUILT-IN EAM E-NODEB TDD | |
| 9412 D2U E-NODEB FDD | |
| 9412 D2U E-NODEB Indoor FDD | |
| 9412 D2U E-NODEB Indoor TDD | |
| 9412 D2U E-NODEB Outdoor with AMR FDD | |
| 9412 D2U E-NODEB Outdoor with AMR TDD | |
| 9412 D2U E-NODEB Outdoor without AMR FDD | |
| 9412 D2U E-NODEB Outdoor without AMR TDD | |
| 9412 D2U E-NODEB TDD | |

Table 3-4678 Shelf Type (continued)

| Name | Value |
|---|-------|
| 9471 ATCA | |
| 9471 ATE | |
| 9471 MME | |
| 9471 Next Gen | |
| 9471 SGSN | |
| 9471 SRS | |
| 9471 vWMM | |
| 9471 WMM | |
| 9500 MPR-A | |
| 9500 MPR-A Chassis 1 | |
| 9500 MPR-A Chassis 4 | |
| 9500 MPR-E | |
| 9500 MPR-E Chassis 1 | |
| 9500 MPR-E Chassis 4 | |
| 9500 MPRe | |
| 9763 MCI FAM E-NODEB FDD | |
| 9764 MCO FAM Adv E-NODEB FDD | |
| 9764 MCO FAM E-NODEB FDD | |
| 9764 MCO TRF E-NODEB FDD | |
| 9774 LMG | |
| 9926 D2U E-NODEB FDD | |
| 9926 D2U E-NODEB TDD | |
| 9966 SCGW | |
| DCM :Dispersion Compensation Module Shelf | |
| E-NODEB | |
| Empty Shelf | |
| FemtoCluster | |
| FemtoNetwork | |
| GNE | |
| GroupProfile | |
| HardwareProfile | |
| HDMCluster | |
| HDMDomain | |

Table 3-4678 Shelf Type (continued)

| Name | Value |
|---|-------|
| HIP Chassis | |
| ITLB: Interleaver Shelf, Bidirectional | |
| ITLU: Interleaver Shelf, Unidirectional | |
| LocationProfile | |
| Locations | |
| LteCallpProfile | |
| LteLocalOverride | |
| LteOAMProfile | |
| LteProfile | |
| LteRRMProfile | |
| LteTransportProfile | |
| MacroCells | |
| Master Shelf | |
| MDR 8000-Compact | |
| MDR 8000-Hot-Standby | |
| MDR-8000E-Compak | |
| MDR-8000E-Standard | |
| MDR-8000i | |
| MDR-8000s | |
| MDR-8000u | |
| MSH8-FSM Shelf | |
| MSS-1 | |
| MSS-4 | |
| MSS-8 | |
| OmniSwitch 10K | |
| OmniSwitch 6250 | |
| OmniSwitch 6400 | |
| OmniSwitch 6850 | |
| OmniSwitch 6850E | |
| OmniSwitch 6855 | |
| OmniSwitch 6855-U24X | |
| OmniSwitch 6900-T20 | |
| OmniSwitch 6900-T40 | |

Table 3-4678 Shelf Type (continued)

| Name | Value |
|---------------------|-------|
| OmniSwitch 6900-X20 | |
| OmniSwitch 6900-X40 | |
| OmniSwitch 9600 | |
| OmniSwitch 9700 | |
| OmniSwitch 9700E | |
| OmniSwitch 9800 | |
| OmniSwitch 9800E | |
| OS6250-24 | |
| OS6250-24M | |
| OS6250-24MD | |
| OS6250-8M | |
| OS6250-P24 | |
| OS6400-24 | |
| OS6400-48 | |
| OS6400-DU24 | |
| OS6400-P24 | |
| OS6400-P48 | |
| OS6400-U24 | |
| OS6450-10 | |
| OS6450-10L | |
| OS6450-24 | |
| OS6450-24L | |
| OS6450-48 | |
| OS6450-48L | |
| OS6450-P10 | |
| OS6450-P10L | |
| OS6450-P10S | |
| OS6450-P24 | |
| OS6450-P24L | |
| OS6450-P48 | |
| OS6450-P48L | |
| OS6450-U24 | |
| OS6450-U24S | |

Table 3-4678 Shelf Type (continued)

| Name | Value |
|-------------------------|-------|
| OS6850-24 | |
| OS6850-24L | |
| OS6850-24LU | |
| OS6850-24X | |
| OS6850-48 | |
| OS6850-48L | |
| OS6850-48LU | |
| OS6850-48X | |
| OS6850-P24 | |
| OS6850-P24L | |
| OS6850-P24LU | |
| OS6850-P24X | |
| OS6850-P48 | |
| OS6850-P48L | |
| OS6850-P48LU | |
| OS6850-P48X | |
| OS6850-U24X | |
| OS6850E-24 | |
| OS6850E-24X | |
| OS6850E-48 | |
| OS6850E-48X | |
| OS6850E-P24 | |
| OS6850E-P24X | |
| OS6850E-P48 | |
| OS6850E-P48X | |
| OS6850E-U24X | |
| OS6855-14 | |
| OS6855-24 | |
| OS6855-U10 | |
| OS6855-U24 | |
| OS6855-U24X | |
| Pre-Provisioned E-NODEB | |
| Profile | |

Table 3-4678 Shelf Type (continued)

| Name | Value |
|---|-------|
| PSC1-6 | |
| SCGW 9966 ATCA | |
| SFD 40 B:Static Filter DWDM 40 Odd Channel Shelf | |
| SFD 40: Static Filter DWDM 40 Even Channel Shelf | |
| SFD 44 B :Static Filter DWDM 44 Odd Channel Shelf | |
| SFD 44: Static Filter DWDM 44 Even Channel Shelf | |
| SmallCells ATCA | |
| T4R | |
| T5 Compact 24F | |
| T5 Compact 24G | |
| T5 Compact 24GT | |
| T5 Compact 24T | |
| T5 Compact 48T | |
| T5R | |
| Unknown | |
| Unknown Shelf | |
| VSC | |

Site ID**Table 3-4679 Site ID**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site ID**Table 3-4680 Site ID**

| Name | Value |
|----------------|----------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | Slot Equipment |
| Type | STRING |

Site Name**Table 3-4681 Site Name**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site Name**Table 3-4682 Site Name**

| Name | Value |
|----------------|----------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | Slot Equipment |
| Type | STRING |

Slot ID**Table 3-4683 Slot ID**

| Name | Value |
|-----------------------|----------------------|
| Default | yes:0 |
| Displayed name | Slot ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | slotId |
| Read-only | no |
| Tab Panel | General Slot Details |
| Type | INT |

Slot Name**Table 3-4684 Slot Name**

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | Slot Name |
| Maximum | 252 |
| OSS name | slotName |
| Read-only | yes |
| Tab Panel | General Slot Details |
| Type | STRING |

Software Version**Table 3-4685 Software Version**

| Name | Value |
|----------------|----------------------|
| Default | yes:unknown |
| Displayed name | Software Version |
| Maximum | 50 |
| Minimum | 0 |
| OSS name | cardVersion |
| Read-only | yes |
| Tab Panel | General Card Details |

Table 3-4685 Software Version (continued)

| Name | Value |
|------|--------|
| Type | STRING |

PSS ACL Filter parameters

Configuration Mode

Table 3-4686 Configuration Mode

| Name | Value |
|----------------|------------------------------|
| Default | yes:draft |
| Displayed name | Configuration Mode |
| OSS name | configurationMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | ConfigurationMode |

Discovery State

Table 3-4687 Discovery State

| Name | Value |
|----------------|--|
| Default | yes:notApplicable |
| Description | Only applicable to the global policy. Set to "inProgress" if the global policy is created as part of the specific NE resync during the full node resync or node discovery. At the end of full node resync, if the resync is successful, the global policy is completely updated from first discovered local policy and its discoveryState is set to "completed". Otherwise, the global policy is not updated and its discoveryState is set to "failed". For "failed" global policy, it will be updated by next successful full node resync or synchronized from the specific local policy. Set to "initialized" if the global policy is created by SNMP trap notification. User may need to synchronize the global policy manually with the specific local policy. Set to "N/A" if the global policy is created or modified by a SAM user. |
| Displayed name | Discovery State |
| OSS name | discoveryState |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DiscoveryState |

Distribution Mode**Table 3-4688 Distribution Mode**

| Name | Value |
|----------------|------------------------------|
| Default | yes:syncWithGlobal |
| Displayed name | Distribution Mode |
| OSS name | distributionMode |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DistributionMode |

Filter Name**Table 3-4689 Filter Name**

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | Filter Name |
| Mandatory on creation | yes |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Last Sync From**Table 3-4690 Last Sync From**

| Name | Value |
|----------------|--|
| Default | yes:N/A |
| Description | Only applicable to the global policy. Set to the siteId if the policy is created as the part of the specific NE resync or by SNMP notification. Set to user name if the policy is created by a SAM user. |
| Displayed name | Last Sync From |
| Maximum | 50 |
| OSS name | origin |

Table 3-4690 Last Sync From (continued)

| Name | Value |
|-------------|------------------------------|
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | STRING |

Last Sync Time**Table 3-4691 Last Sync Time**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Only applicable to the global policy. Specifies the time at which latest sync occurred. |
| Displayed name | Last Sync Time |
| OSS name | lastSyncTime |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | DATE |

Packet Match Count**Table 3-4692 Packet Match Count**

| Name | Value |
|----------------|-----------------------|
| Default | yes:0 |
| Description | Packet match counter. |
| Displayed name | Packet Match Count |
| OSS name | packetMatchCount |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Policy Scope**Table 3-4693 Policy Scope**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-4693 Policy Scope (continued)

| Name | Value |
|----------------|------------------------------|
| Displayed name | Policy Scope |
| OSS name | isLocal |
| Read-only | yes |
| Tab Panel | General Policy Configuration |
| Type | BOOL |

Site ID**Table 3-4694 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-4695 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

System Default

Table 3-4696 System Default

| Name | Value |
|--------------------------|--|
| Default | yes:no |
| Description | Indicates if ACL filter is added by the system or a user. {BR} Valid values are: {UL} {LI}yes - ACL filter is added by the system. {LI}no - ACL filter is added by the user. It is not allowed modify of any attributes when System Default = yes. |
| Displayed name | System Default |
| OSS name | systemDefault |
| Read-only | yes |
| Tab Panel | General General |
| Type | YesNo |
| Enumerated types: | |
| No | |
| Yes | |

PSS MC Peer parameters

Administrative State

Table 3-4697 Administrative State

| Name | Value |
|----------------|--------------------------|
| Default | yes:tmnxOutOfService |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | netw.AdministrativeState |

Description

Table 3-4698 Description

| Name | Value |
|----------------|-------------|
| Default | yes: |
| Displayed name | Description |

Table 3-4698 Description (continued)

| Name | Value |
|-------------|-----------------|
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Neighbor Match**Table 3-4699 Neighbor Match**

| Name | Value |
|----------------|-----------------|
| Default | yes:false |
| Displayed name | Neighbor Match |
| OSS name | peerMatchFound |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Peer ID**Table 3-4700 Peer ID**

| Name | Value |
|-----------------------|-----------------|
| Displayed name | Peer ID |
| Mandatory on creation | yes |
| Maximum | 250 |
| Minimum | 1 |
| OSS name | peerId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Peer Info
Table 3-4701 Peer Info

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Corresponds to the matching Peer object |
| Displayed name | Peer Info |
| OSS name | matchingPeerPointer |
| Read-only | yes |
| Tab Panel | General Matching Peer |
| Type | POINTER |

Peer Name**Table 3-4702 Peer Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Peer Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | peerName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Shelf ID**Table 3-4703 Shelf ID**

| Name | Value |
|----------------|-------------------|
| Displayed name | Shelf ID |
| OSS name | shelfId |
| Read-only | yes |
| Tab Panel | General Card Info |
| Type | LONG |

Site ID**Table 3-4704 Site ID**

| Name | Value |
|----------------|--------------|
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Info**Table 3-4705 Site Info**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Info |
| OSS name | sitePointer |
| Read-only | yes |
| Tab Panel | General Site |
| Type | POINTER |

Slot ID**Table 3-4706 Slot ID**

| Name | Value |
|----------------|-------------------|
| Displayed name | Slot ID |
| OSS name | cardSlotId |
| Read-only | yes |
| Tab Panel | General Card Info |
| Type | LONG |

Source ID
Table 3-4707 Source ID

| Name | Value |
|----------------|-----------------|
| Displayed name | Source ID |
| OSS name | sourceId |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

PTP Alarm Profile parameters

Category**Table 3-4708 Category**

| Name | Value |
|--------------------------|----------------------|
| Description | The trap entity type |
| Displayed name | Category |
| Mandatory on creation | yes |
| OSS name | alarmEntityType |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapEntityType |
| Enumerated types: | |
| 100GBE | |
| 10GBE | |
| 1GBE | |
| 40GBE | |
| ALL | |
| BITS | |
| CBR10G3 | |
| CBR2G5 | |
| CBRAR | |
| COM | |
| CPDPR | |

Table 3-4708 Category (continued)

| Name | Value |
|--------------|-------|
| CPLMP | |
| CPNEIGHBOR | |
| CPRSVP | |
| DBLINK | |
| DDR | |
| E1 | |
| ENV | |
| EQPT | |
| FC100 | |
| FC10G | |
| FC16G | |
| FC200 | |
| FC400 | |
| FC800 | |
| FE | |
| GMRENODE | |
| LAG | |
| LINEREF | |
| LOG | |
| LOODU | |
| LSP | |
| MEP | |
| NETIF | |
| OC12/STM4 | |
| OC192/STM64 | |
| OC3/STM1 | |
| OC48/STM16 | |
| OC768/STM256 | |
| OCH | |
| ODU0 | |
| ODU0TCM | |
| ODU1 | |
| ODU1F | |

Table 3-4708 Category (continued)

| Name | Value |
|----------------|-------|
| ODU1FTCM | |
| ODU1ODU0 | |
| ODU1ODU0TCM | |
| ODU1PTF | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2EODU0 | |
| ODU2EODU0TCM | |
| ODU2EODU1 | |
| ODU2EODU1TCM | |
| ODU2EODUF | |
| ODU2EODUFTCM | |
| ODU2ETCM | |
| ODU2ODU0 | |
| ODU2ODU0TCM | |
| ODU2ODU1 | |
| ODU2ODU1TCM | |
| ODU2ODUF | |
| ODU2ODUFTCM | |
| ODU2TCM | |
| ODU3 | |
| ODU3E | |
| ODU3E2 | |
| ODU3E2ODU0 | |
| ODU3E2ODU0TCM | |
| ODU3E2ODU1 | |
| ODU3E2ODU1TCM | |
| ODU3E2ODU2 | |
| ODU3E2ODU2E | |
| ODU3E2ODU2ETCM | |
| ODU3E2ODU2TCM | |
| ODU3E2ODUF | |

Table 3-4708 Category (continued)

| Name | Value |
|---------------|-------|
| ODU3E2ODUFTCM | |
| ODU3E2TCM | |
| ODU3EODU0 | |
| ODU3EODU0TCM | |
| ODU3EODU1 | |
| ODU3EODU1TCM | |
| ODU3EODU2 | |
| ODU3EODU2E | |
| ODU3EODU2ETCM | |
| ODU3EODU2TCM | |
| ODU3EODUF | |
| ODU3EODUFTCM | |
| ODU3ETCM | |
| ODU3ODU0 | |
| ODU3ODU0TCM | |
| ODU3ODU1 | |
| ODU3ODU1TCM | |
| ODU3ODU2 | |
| ODU3ODU2E | |
| ODU3ODU2ETCM | |
| ODU3ODU2TCM | |
| ODU3ODUF | |
| ODU3ODUFTCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4ODU0 | |
| ODU4ODU0TCM | |
| ODU4ODU1 | |
| ODU4ODU1F | |
| ODU4ODU1FTCM | |
| ODU4ODU1TCM | |
| ODU4ODU2 | |
| ODU4ODU2E | |

Table 3-4708 Category (continued)

| Name | Value |
|---------------|-------|
| ODU4ODU2ETCM | |
| ODU4ODU2TCM | |
| ODU4ODU3 | |
| ODU4ODU3E | |
| ODU4ODU3E2 | |
| ODU4ODU3E2TCM | |
| ODU4ODU3ETCM | |
| ODU4ODU3TCM | |
| ODU4ODUF | |
| ODU4ODUFTCM | |
| ODU4TCM | |
| ODUF | |
| ODUFTCM | |
| OFA | |
| OMS | |
| OPTSG | |
| OTNFAC | |
| OTS | |
| OTU | |
| OTU0 | |
| OTU1 | |
| OTU1F | |
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E | |
| OTU3E2 | |
| OTU4 | |
| OTUODU0 | |
| OTUODU0TCM | |
| OTUODU1 | |
| OTUODU1F | |
| OTUODU1TCM | |

Table 3-4708 Category (continued)

| Name | Value |
|--------------|-------|
| OTUODU2 | |
| OTUODU2E | |
| OTUODU2ETCM | |
| OTUODU2TCM | |
| OTUODU3 | |
| OTUODU3E | |
| OTUODU3E2 | |
| OTUODU3E2TCM | |
| OTUODU3ETCM | |
| OTUODU3TCM | |
| OTUODU4 | |
| OTUODU4TCM | |
| OTUOODU1FTCM | |
| PLK | |
| PM | |
| PTPCLOCK | |
| PTPPORT | |
| RMD | |
| RMDCESCHNNEL | |
| RMDIF | |
| RMDIFMAU | |
| RMDMEP | |
| RMDNIM | |
| SCLOCK | |
| SDR | |
| SESSION | |
| SRERP | |
| SRMEP | |
| SROAMSACTL | |
| SRSAP | |
| SRSVC | |
| SYNC | |
| TELINK | |

Table 3-4708 Category (continued)

| Name | Value |
|--------|-------|
| TIMING | |
| TOD | |
| TRU | |
| VTS | |

Condition**Table 3-4709 Condition**

| Name | Value |
|--------------------------|--------------------|
| Description | The trap condition |
| Displayed name | Condition |
| Mandatory on creation | yes |
| OSS name | alarmCondition |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCondition |
| Enumerated types: | |
| aesFipsFailure | |
| aisLM | |
| aisLmsAis | |
| aisPauAis | |
| aisTcm | |
| alienEgrLOS | |
| allChanMiss | |
| allChanMissOut | |
| almRSync | |
| almRSyncEnd | |
| ampDisabled | |
| ampEol | |
| ANNOUNCELOSS | |
| apeInProgress | |
| APRFORCED | |
| aprInvalidTopo | |

Table 3-4709 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| APRLIMITED | |
| aprLine | |
| aprNode | |
| aprOsc | |
| aprSwitch | |
| aprUnavail | |
| aprUnavailOsc | |
| apsB | |
| apsCm | |
| apsMm | |
| apsNoRed | |
| arcIND | |
| asonTopo | |
| auAisP | |
| auLopP | |
| authFail | |
| autoReset | |
| autoSwTimRef | |
| autoSwTimRefT4 | |
| autoSyncSw | |
| b1Sd | |
| backupUnavail | |
| backwardDefectIndicationEgress | |
| BADCLKFREQ | |
| baseline | |
| bdi | |
| bdiOdu | |
| bdiOduOut | |
| bdiTcm | |
| binsRolled | |
| bitsAIS | |
| bitsLof | |
| bitsLos | |

Table 3-4709 Condition (continued)

| Name | Value |
|--------------------|-------|
| bitsMAN | |
| bkupCom | |
| boardEqpt | |
| brkTrip | |
| capBuf | |
| cardBoot | |
| CARDCLKOFFFREQ | |
| cardIdRcvd | |
| cardInBoot | |
| cardInit | |
| cardInitBcm | |
| cardInitFail | |
| cardInitNonBcm | |
| cardNotAllowed | |
| cardSanity | |
| cbr10G3RxLOS | |
| cbr10G3RxLSS | |
| ccActChg | |
| cfCapacityWarning | |
| cfmAisEvnt | |
| cfmDmTestComplete | |
| cfmFltEvnt | |
| cfmLbmTestComplete | |
| cfmLmTestComplete | |
| cfmLtmTestComplete | |
| cfmSlmTestComplete | |
| change | |
| channelViolation | |
| chkBkplane | |
| ckm | |
| clearAllTcas | |
| colorViolation | |
| comm | |

Table 3-4709 Condition (continued)

| Name | Value |
|----------------|-------|
| commDeg | |
| commDown | |
| configFail | |
| CONFIGMM | |
| contBus | |
| contCom | |
| contComm | |
| contEqpt | |
| contEqptSplit | |
| contr | |
| contrDup | |
| contrenDgr | |
| contrenFail | |
| contrOut | |
| cpuPerformance | |
| crdInit | |
| crTca | |
| csf | |
| csfGfp | |
| CSFGFPOUT | |
| csfOduEgr | |
| csfOduOut | |
| dataErr | |
| dataFlt | |
| dbErr | |
| dbFl | |
| dbFt | |
| dbFull | |
| dbInvalid | |
| dbMemTrf | |
| dbUnsync | |
| dcConfigFail | |
| deg | |

Table 3-4709 Condition (continued)

| Name | Value |
|-----------------|-------|
| degOtu | |
| degOut | |
| degTcm | |
| DELAYRESLOSS | |
| DISCOVERMOD | |
| dormantUser | |
| dwAis | |
| dwLof | |
| dwLom | |
| dwSd | |
| dwSf | |
| e1AisEgr | |
| e1AisL | |
| e1Lof | |
| e1LofEgr | |
| e1Los | |
| e1NoCrc4M | |
| e1NoCRC4MEgr | |
| e1Rai | |
| e1RaiEgr | |
| ebero | |
| egressSSF | |
| envInput1Active | |
| envInput2Active | |
| envInput3Active | |
| envInput4Active | |
| envInput5Active | |
| envInput6Active | |
| envInput7Active | |
| envInput8Active | |
| eptUploadErr | |
| eqpt | |
| eqptCrypto | |

Table 3-4709 Condition (continued)

| Name | Value |
|-------------------|-------|
| eqptDgr | |
| eqptDgrMon | |
| eqptDgrOch | |
| eqptDgrOchOut | |
| eqptDgrOut | |
| eqptPort | |
| erpFwdStateChng | |
| ESCABLEMISMATCH1 | |
| ESCABLEMISMATCH10 | |
| ESCABLEMISMATCH11 | |
| ESCABLEMISMATCH12 | |
| ESCABLEMISMATCH13 | |
| ESCABLEMISMATCH14 | |
| ESCABLEMISMATCH15 | |
| ESCABLEMISMATCH16 | |
| ESCABLEMISMATCH17 | |
| ESCABLEMISMATCH18 | |
| ESCABLEMISMATCH19 | |
| ESCABLEMISMATCH2 | |
| ESCABLEMISMATCH20 | |
| ESCABLEMISMATCH21 | |
| ESCABLEMISMATCH22 | |
| ESCABLEMISMATCH23 | |
| ESCABLEMISMATCH24 | |
| ESCABLEMISMATCH3 | |
| ESCABLEMISMATCH4 | |
| ESCABLEMISMATCH5 | |
| ESCABLEMISMATCH6 | |
| ESCABLEMISMATCH7 | |
| ESCABLEMISMATCH8 | |
| ESCABLEMISMATCH9 | |
| escLatchFail | |
| esm | |

Table 3-4709 Condition (continued)

| Name | Value |
|-------------------------|-------|
| ethCSF | |
| ethRingPathProvMismatch | |
| etrMismatch | |
| etrMismatchMod | |
| excessLoad | |
| excessLoss | |
| facServ | |
| facTerm | |
| facTermDev | |
| facTermDgr | |
| fan32HRqd | |
| fanSpeed | |
| fanSpeedHigh | |
| fanSpeedLow | |
| fanSpeedMan | |
| farEndLos | |
| faulty | |
| fdi | |
| fdiClt | |
| feAls | |
| feasibilityViolation | |
| fecEcSd | |
| fecFail | |
| fecUbcSd | |
| feFlt | |
| feLfi | |
| feLos | |
| feLss | |
| fePortMismatch | |
| fePrLf | |
| feRfi | |
| fipsFailure | |
| fipsSwMismatch | |

Table 3-4709 Condition (continued)

| Name | Value |
|-----------------|-------|
| flt | |
| fpgaFail | |
| FPGAFAILNSA | |
| fpgaInit | |
| FPGAINIT1 | |
| FPGAINIT10 | |
| FPGAINIT2 | |
| FPGAINIT3 | |
| FPGAINIT4 | |
| FPGAINIT5 | |
| FPGAINIT6 | |
| FPGAINIT7 | |
| FPGAINIT8 | |
| FPGAINIT9 | |
| FPGAINITNSA1 | |
| FPGAINITNSA10 | |
| FPGAINITNSA2 | |
| FPGAINITNSA3 | |
| FPGAINITNSA4 | |
| FPGAINITNSA5 | |
| FPGAINITNSA6 | |
| FPGAINITNSA7 | |
| FPGAINITNSA8 | |
| FPGAINITNSA9 | |
| FPGAPRELOAD | |
| fpgaTimeout | |
| FPGATIMEOUTNSA | |
| frcdSwTimRef | |
| frcdSwTimRefT4 | |
| frcdWkSwBk | |
| frcdWkSwBkVTS1 | |
| frcdWkSwBkVTS10 | |
| frcdWkSwBkVTS2 | |

Table 3-4709 Condition (continued)

| Name | Value |
|---------------------|-------|
| fredWkSwBkVTS3 | |
| fredWkSwBkVTS4 | |
| fredWkSwBkVTS5 | |
| fredWkSwBkVTS6 | |
| fredWkSwBkVTS7 | |
| fredWkSwBkVTS8 | |
| fredWkSwBkVTS9 | |
| fredWkSwPr | |
| fredWkSwPrVTS1 | |
| fredWkSwPrVTS10 | |
| fredWkSwPrVTS2 | |
| fredWkSwPrVTS3 | |
| fredWkSwPrVTS4 | |
| fredWkSwPrVTS5 | |
| fredWkSwPrVTS6 | |
| fredWkSwPrVTS7 | |
| fredWkSwPrVTS8 | |
| fredWkSwPrVTS9 | |
| FRCRFCKSEL | |
| frngSync | |
| FTD_ENCRYPT_15MIN | |
| FTD_ENCRYPT_1DAY | |
| FWMISMATCH | |
| fwPendingObsolete | |
| fwUpgradePending | |
| fwVersionNotDefault | |
| gfpLof | |
| GFPLOFOUT | |
| gfpSsf | |
| gfpUpm | |
| hdFail | |
| hdFull | |
| hiBer | |

Table 3-4709 Condition (continued)

| Name | Value |
|--------------------------|-------|
| highGain | |
| hldOvrSync | |
| hpPlmP | |
| hpRdiP | |
| hpUneqP | |
| hwRevisionNotSupported | |
| igmpSnpgSrcLimitExceed | |
| imageNotReady | |
| incompatFan | |
| inhMsgPmRept | |
| init | |
| inMigration | |
| INSERTMOD | |
| int | |
| intErr | |
| intrusion | |
| intrusionEvt | |
| intSft | |
| intTemp | |
| intTempHigh | |
| intTempLow | |
| intTempOpt | |
| invalidEgress | |
| invalidThreshold | |
| invalidThresholdOms | |
| invalidThresholdOts | |
| invalidTopo | |
| inventoryError | |
| keyDomainErr | |
| lagDeg | |
| lagLos | |
| LAGMEMBERPORTSTATECHANGE | |
| lagPortAddFailed | |

Table 3-4709 Condition (continued)

| Name | Value |
|-------------------------|-------|
| LAGPORTADDSUCCESS | |
| LAGSTATECHANGE | |
| lagSubGrpSelect | |
| lanLfi | |
| lanLol | |
| lanLos | |
| lanRfi | |
| lanSf | |
| laserBackFacetOptPwrTca | |
| laserCoolingCurTca | |
| laserEOL | |
| laserOffLpbk | |
| lck | |
| lckOut | |
| lckTcm | |
| ledState | |
| lfd | |
| lfiEgr | |
| linkDiversity | |
| linkDown | |
| linkoamLoopDetected | |
| linkoamNonThresh | |
| linkoamPeerChng | |
| linkUp | |
| loam | |
| lockedIndicationEgress | |
| lockoutOfPr | |
| lockoutOfPrVTS1 | |
| lockoutOfPrVTS10 | |
| lockoutOfPrVTS2 | |
| lockoutOfPrVTS3 | |
| lockoutOfPrVTS4 | |
| lockoutOfPrVTS5 | |

Table 3-4709 Condition (continued)

| Name | Value |
|-------------------|-------|
| lockoutOfPrVTS6 | |
| lockoutOfPrVTS7 | |
| lockoutOfPrVTS8 | |
| lockoutOfPrVTS9 | |
| lockoutOfTimRef | |
| lockoutOfTimRefT4 | |
| lockoutToPr | |
| lof | |
| lofEgr | |
| lofLom | |
| lofLomOut | |
| lofO | |
| loGain | |
| logBuf90SecuLog | |
| logBufOvflSecuLog | |
| lol | |
| LOLA | |
| lopPauLop | |
| los | |
| losDcm | |
| losEdfa | |
| losLdSig | |
| losO | |
| losOamp | |
| losOcm | |
| losOms | |
| losOOut | |
| losOts | |
| losOut | |
| losP | |
| losPld | |
| lossOfLock | |
| lostClock | |

Table 3-4709 Condition (continued)

| Name | Value |
|-----------------|-------|
| lotOut | |
| lpbkLine | |
| lpbkTerm | |
| lspFailedApe | |
| lspFailedPre | |
| lspFailedTp | |
| lspFailedUnprot | |
| lspFailedXc | |
| lsrOutDgr | |
| lss | |
| lssEgr | |
| ltcTcm | |
| man | |
| manLR | |
| manReset | |
| manSwTimRef | |
| manSwTimRefT4 | |
| manSwToInt | |
| manSwToPri | |
| manSwToSec | |
| manWkSwBk | |
| manWkSwBkVTS1 | |
| manWkSwBkVTS10 | |
| manWkSwBkVTS2 | |
| manWkSwBkVTS3 | |
| manWkSwBkVTS4 | |
| manWkSwBkVTS5 | |
| manWkSwBkVTS6 | |
| manWkSwBkVTS7 | |
| manWkSwBkVTS8 | |
| manWkSwBkVTS9 | |
| manWkSwPr | |
| manWkSwPrVTS1 | |

Table 3-4709 Condition (continued)

| Name | Value |
|-------------------|-------|
| manWkSwPrVTS10 | |
| manWkSwPrVTS2 | |
| manWkSwPrVTS3 | |
| manWkSwPrVTS4 | |
| manWkSwPrVTS5 | |
| manWkSwPrVTS6 | |
| manWkSwPrVTS7 | |
| manWkSwPrVTS8 | |
| manWkSwPrVTS9 | |
| mepAIS | |
| mepError | |
| mepLoc | |
| mepMacError | |
| mepMmg | |
| mepRemote | |
| mepXcon | |
| mirrorDestDisable | |
| mirrorDestEnable | |
| mirrorSrcDisable | |
| mirrorSrcEnable | |
| mismatch | |
| mismatchFiber | |
| mismatchSfpXfp | |
| missing | |
| mixedPFUsed | |
| mjTca | |
| mnTca | |
| mod | |
| modOutOOR | |
| msim | |
| mtcesurv | |
| mtcesurvDgr | |
| neAls | |

Table 3-4709 Condition (continued)

| Name | Value |
|--------------------|-------|
| neFlt | |
| neModeMismatch | |
| net | |
| netCraft | |
| neUnreachable | |
| nkm | |
| nodeDeg | |
| notUsed1 | |
| notUsed2 | |
| notUsed3 | |
| notUsed4 | |
| ntpChkSig | |
| ntpClkAdj | |
| ntpLor | |
| ntpOoSync | |
| nunvComm | |
| nunvConfig | |
| nunvIndetermined | |
| nunvReversion | |
| nunvTpBlocked | |
| nunvTransmission | |
| nvMismatch | |
| oaPumpBiasCurrHigh | |
| oaPumpTempHigh | |
| objCreated | |
| objDeleted | |
| ochCollision | |
| ochCollisionOut | |
| ochFdi | |
| ochIntErr | |
| ochKeyDup | |
| ochKeyOverlap | |
| ochKeysReused | |

Table 3-4709 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| ochKeyUnavail | |
| ochMissing | |
| ochPdi | |
| ochPwrUnstable | |
| ochTrailDup | |
| ochTrailUnknown | |
| ochUnknown | |
| ochUnknownOut | |
| oci | |
| ociOut | |
| ociTcm | |
| ocsAuditFail | |
| ocsAuditSuccess | |
| ocsDataFlt | |
| ocsDataRtrv | |
| ocsUnavail | |
| ocsUplinkDeleted | |
| oduAis | |
| oduAisEgress | |
| oduAisOut | |
| omsSSF | |
| openConnectionIndicationEgress | |
| opr | |
| oprIngress | |
| oprLossHigh | |
| oprLossLow | |
| oprOOR | |
| oprOut | |
| oprPwrHigh | |
| oprPwrLow | |
| oprTx | |
| oprUnachieve | |
| opticalParamErr | |

Table 3-4709 Condition (continued)

| Name | Value |
|---------------------------|-------|
| OPTICALTEST | |
| optIntBase | |
| optIntDet | |
| optIntSusp | |
| oscSsf | |
| OSNRMESC | |
| ospfAdj | |
| OTDRSCANFAIL | |
| OTDRSCANSUCCESS | |
| otmcpf | |
| otuAis | |
| ovrld | |
| PACKETCARDINIT | |
| payloadTypeMismatchEgress | |
| pcsGeneratorActive | |
| pdi | |
| pdiPauPdi | |
| PGFPGAFAIL1 | |
| PGFPGAFAIL2 | |
| PGFPGAFAIL3 | |
| PGFPGAFAIL4 | |
| PGFPGAFAIL5 | |
| PGFPGAINIT1 | |
| PGFPGAINIT2 | |
| PGFPGAINIT3 | |
| PGFPGAINIT4 | |
| PGFPGAINIT5 | |
| plm | |
| plmOduOut | |
| plmPauPlm | |
| ppsLos | |
| precrErr | |
| precrErrOut | |

Table 3-4709 Condition (continued)

| Name | Value |
|-----------------|-------|
| prcdrErrTopo | |
| prcdrErrTopoOut | |
| PTPFREERUN | |
| PTPGMDEGRADE | |
| PTPGMSWITCH | |
| PTPPATHSWITCH | |
| PTPPORTSWITCH | |
| PTPREFLOSS | |
| PTPREFUNSTABLE | |
| pwr | |
| pwrAdjComms | |
| pwrAdjFail | |
| pwrAdjFailAdd | |
| pwrAdjFailDrp | |
| pwrAdjReq | |
| pwrAdjReqAdd | |
| pwrAdjReqDrp | |
| pwrAlmp | |
| pwrEdfaMargin | |
| pwrFan | |
| pwrMargin | |
| pwrMaxGain | |
| pwrMgtOff | |
| pwrSusp | |
| pwrSuspOut | |
| pwrTiltParams | |
| pwrTiltSusp | |
| pwrUnbalance | |
| pwrUnbalanceOms | |
| ramanSup | |
| rcvrOptProg | |
| rdi | |
| rdiL | |

Table 3-4709 Condition (continued)

| Name | Value |
|----------------------|-------|
| readyToRevert | |
| REMOVEMOD | |
| replUnitMiss | |
| replUnitMissMOD | |
| reRouted | |
| restorationDisabled | |
| rfi | |
| rfiEgr | |
| rfiLmsRfi | |
| rfiPauRfi | |
| rmdCesChannelLPL | |
| rmdCesChannelNoTdmPl | |
| rmdCesChannelRPL | |
| rmdDiscoveredDevice | |
| rmdDNR | |
| rmdEQF | |
| rmdIfEFMLOP | |
| rmdIfLOS | |
| rmdIfMauANM | |
| rmdIfMauEQF | |
| rmdIfMauLOS | |
| rmdIfMauUNI | |
| rmdIfMauWUP | |
| rmdJbRecentered | |
| rmdMepLOC | |
| rmdMepMMG | |
| rmdMepRDI | |
| rmdMepUNL | |
| rmdMepUNM | |
| rmdMepUNP | |
| rmdNDF | |
| rmdNimLOF | |
| rmdPWR | |

Table 3-4709 Condition (continued)

| Name | Value |
|---------------------------|-------|
| rmdTypeMismatch | |
| rmdUnknownEcid | |
| rmdWDP | |
| rmdWrongDestMac | |
| routeNotPossible | |
| sapOperDown | |
| sapStateChng | |
| sapTlsMacAddrLimitAlarm | |
| sd | |
| sdegO | |
| seepScrub | |
| serverSignalFailureEgress | |
| sf | |
| sfMismatch | |
| sfpEOL | |
| sfpReceiverPwrOOR | |
| sfpTempOOR | |
| sfpTrmtPwrOOR | |
| sft | |
| SHELFINCON | |
| shelfInVoltHigh | |
| shelfInVoltLow | |
| SHELFINVOLTMAXCUR | |
| signalDegradeEgress | |
| SLCBOOTCONTCOM | |
| SLCCARDINIT | |
| SLCCLKSYNC | |
| SLCCONTCOM | |
| SLCDATAFLT | |
| SLCEQPTBOOT | |
| SLCMISMATCH | |
| SLCNOTINSERVICE | |
| slcr | |

Table 3-4709 Condition (continued)

| Name | Value |
|------------------------|-------|
| sltmSig | |
| SPIREADERROR | |
| spLoAdjFail | |
| srgDiversity | |
| srTca | |
| ssf | |
| ssfCltEgr | |
| ssfOdu | |
| ssfOduOut | |
| ssfOduTp | |
| ssfOtu | |
| SSFSECTION | |
| SSFSECTIONOUT | |
| ssfTcm | |
| subNodeUnreachable | |
| SUSPECTCLKFREQ | |
| svcOperDown | |
| svcStateChng | |
| svcTlsFwdTblFullAlarm | |
| svcTlsMfibTblFullAlarm | |
| swEqpt | |
| swftDwn | |
| swMtxMod | |
| swToSec | |
| swUpgCommit | |
| swUpgFail | |
| swUpgrade | |
| sync | |
| syncActRef | |
| syncClk | |
| syncClkFail | |
| syncClkFrng | |
| syncClkHldovr | |

Table 3-4709 Condition (continued)

| Name | Value |
|-----------------------|-------|
| syncClkMode | |
| syncClkUnit | |
| syncCommand | |
| syncEqpt | |
| syncIfTimingHoldover | |
| syncIfTimingRef1Alarm | |
| syncIfTimingRef2Alarm | |
| SYNCLOSS | |
| syncMode | |
| syncOos | |
| syncOosT4 | |
| syncRefFail | |
| syncRefUnEq | |
| syncStatChng | |
| syncSys | |
| syncSysOos | |
| syncT4Out | |
| sysBoot | |
| sysInit | |
| systemReady | |
| tBbeMs15Min | |
| tBbeMs1Day | |
| tBbeOdu15Min | |
| tBbeOdu15MinOut | |
| tBbeOdu1Day | |
| tBbeOdu1DayOut | |
| tBbeOtu15Min | |
| tBbeOtu1Day | |
| tBbeP15Min | |
| tBbeP1Day | |
| tBbePt15Min | |
| tBbePt1Day | |
| tBbeRs15Min | |

Table 3-4709 Condition (continued)

| Name | Value |
|------------------|-------|
| tBbeRs1Day | |
| tBbeRst15Min | |
| tBbeRst1Day | |
| tBbeTcm15Min | |
| tBbeTcm1Day | |
| tBerPostFec15min | |
| tBerPostFec1day | |
| tBerPreFec15min | |
| tBerPreFec1day | |
| tBiaesOtu15Min | |
| tBiaesOtu1Day | |
| tBiaesTcm15Min | |
| tBiaesTcm1Day | |
| tcmAis | |
| tCv15Min | |
| tCv1Day | |
| tCvPcs15Min | |
| tCvPcs1Day | |
| tCvPest15Min | |
| tCvPest1Day | |
| tCvs15Min | |
| tCvs1Day | |
| tCvst15Min | |
| tCvst1Day | |
| termOc192stm64 | |
| termOc312stm14 | |
| termOc48stm16 | |
| termOtu1 | |
| termOtu2 | |
| tEs15Min | |
| tEs1Day | |
| tEsL15Min | |
| tEsL1Day | |

Table 3-4709 Condition (continued)

| Name | Value |
|-----------------|-------|
| tEsMs15Min | |
| tEsMs1Day | |
| tEsOdu15Min | |
| tEsOdu15MinOut | |
| tEsOdu1Day | |
| tEsOdu1DayOut | |
| tEsOtu15Min | |
| tEsOtu1Day | |
| tEsP15Min | |
| tEsP1Day | |
| tEsPcs15Min | |
| tEsPcs1Day | |
| tEsPest15Min | |
| tEsPest1Day | |
| tEsPt15Min | |
| tEsPt1Day | |
| tEsRs15Min | |
| tEsRs1Day | |
| tEsRst15Min | |
| tEsRst1Day | |
| tEss15Min | |
| tEss1Day | |
| tEsst15Min | |
| tEsst1Day | |
| tEsTcm15Min | |
| tEsTcm1Day | |
| testMode | |
| tEthpakter15Min | |
| tEthpakter1Day | |
| tEthpktert15Min | |
| tEthpktert1Day | |
| tFebbeMs15Min | |
| tFebbeMs1Day | |

Table 3-4709 Condition (continued)

| Name | Value |
|-------------------|-------|
| tFebbeOdu15Min | |
| tFeBbeOdu15MinOut | |
| tFebbeOdu1Day | |
| tFeBbeOdu1DayOut | |
| tFebbeOtu15Min | |
| tFebbeOtu1Day | |
| tFebbeTcm15Min | |
| tFebbeTcm1Day | |
| tFecc15Min | |
| tFecc1Day | |
| tFecUbc15Min | |
| tFecUbc1Day | |
| tFecUbu15Min | |
| tFecUbu1Day | |
| tFeesMs15Min | |
| tFeesMs1Day | |
| tFeesOdu15Min | |
| tFeEsOdu15MinOut | |
| tFeesOdu1Day | |
| tFeEsOdu1DayOut | |
| tFeesOtu15Min | |
| tFeesOtu1Day | |
| tFeesTcm15Min | |
| tFeesTcm1Day | |
| tFesesMs15Min | |
| tFesesMs1Day | |
| tFesesOdu15Min | |
| tFeSesOdu15MinOut | |
| tFesesOdu1Day | |
| tFeSesOdu1DayOut | |
| tFesesOtu15Min | |
| tFesesOtu1Day | |
| tFesesTcm15Min | |

Table 3-4709 Condition (continued)

| Name | Value |
|-------------------|-------|
| tFesesTcm1Day | |
| tFeuasMs15Min | |
| tFeuasMs1Day | |
| tFeuasOdu15Min | |
| tFeUasOdu15MinOut | |
| tFeuasOdu1Day | |
| tFeUasOdu1DayOut | |
| tFeuasOtu15Min | |
| tFeuasOtu1Day | |
| tFeuasTcm15Min | |
| tFeuasTcm1Day | |
| tIaesOtu15Min | |
| tIaesOtu1Day | |
| tIaesTcm15Min | |
| tIaesTcm1Day | |
| tim | |
| timOdu | |
| timOduOut | |
| timTcm | |
| toDDEG | |
| toDLOS | |
| TODREFUNSTABLE | |
| tOprh15Min | |
| tOprh1Day | |
| tOprhLane1 | |
| tOprhLane10 | |
| tOprhLane2 | |
| tOprhLane3 | |
| tOprhLane4 | |
| tOprhLane5 | |
| tOprhLane6 | |
| tOprhLane7 | |
| tOprhLane8 | |

Table 3-4709 Condition (continued)

| Name | Value |
|-------------|-------|
| tOprhLane9 | |
| tOprl15Min | |
| tOprl1Day | |
| tOprlLane1 | |
| tOprlLane10 | |
| tOprlLane2 | |
| tOprlLane3 | |
| tOprlLane4 | |
| tOprlLane5 | |
| tOprlLane6 | |
| tOprlLane7 | |
| tOprlLane8 | |
| tOprlLane9 | |
| tOpth15Min | |
| tOpth1Day | |
| tOpthLane1 | |
| tOpthLane10 | |
| tOpthLane2 | |
| tOpthLane3 | |
| tOpthLane4 | |
| tOpthLane5 | |
| tOpthLane6 | |
| tOpthLane7 | |
| tOpthLane8 | |
| tOpthLane9 | |
| tOptl15Min | |
| tOptl1Day | |
| tOptlLane1 | |
| tOptlLane10 | |
| tOptlLane2 | |
| tOptlLane3 | |
| tOptlLane4 | |
| tOptlLane5 | |

Table 3-4709 Condition (continued)

| Name | Value |
|-------------------|-------|
| tOptlLane6 | |
| tOptlLane7 | |
| tOptlLane8 | |
| tOptlLane9 | |
| tPmonDmaBfd15Min | |
| tPmonDmaBfd1Day | |
| tPmonDmaffd15Min | |
| tPmonDmaffd1Day | |
| tPmonDmafFdv15Min | |
| tPmonDmafFdv1Day | |
| tPmonDmanfd15Min | |
| tPmonDmanfd1Day | |
| tPmonDmanFdv15Min | |
| tPmonDmanFdv1Day | |
| tPmonDmxBfd15Min | |
| tPmonDmxBfd1Day | |
| tPmonDmxffd15Min | |
| tPmonDmxffd1Day | |
| tPmonDmxFFdv15Min | |
| tPmonDmxFFdv1Day | |
| tPmonDmxnfd15Min | |
| tPmonDmxnfd1Day | |
| tPmonDmxnFdv15Min | |
| tPmonDmxnFdv1Day | |
| tPmonLmafflr15Min | |
| tPmonLmafflr1Day | |
| tPmonLmanflr15Min | |
| tPmonLmanflr1Day | |
| tPmonLmfhli15Min | |
| tPmonLmfhli1Day | |
| tPmonLmnhli15Min | |
| tPmonLmnhli1Day | |
| tPmonLmxfflr15Min | |

Table 3-4709 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonLmxfflr1Day | |
| tPmonLmxnflr15Min | |
| tPmonLmxnflr1Day | |
| tPmonPortHighCapacityOctets15Min | |
| tPmonPortHighCapacityOctets1Day | |
| tPmonPortHighCapacityPkts15Min | |
| tPmonPortHighCapacityPkts1Day | |
| tPmonPortIfInDiscards15Min | |
| tPmonPortIfInDiscards1Day | |
| tPmonPortIfInErrors15Min | |
| tPmonPortIfInErrors1Day | |
| tPmonPortIfInOctets15Min | |
| tPmonPortIfInOctets1Day | |
| tPmonPortIfInPackets | |
| tPmonPortIfInPackets15Min | |
| tPmonPortIfOutDiscards15Min | |
| tPmonPortIfOutDiscards1Day | |
| tPmonPortIfOutErrors15Min | |
| tPmonPortIfOutErrors1Day | |
| tPmonPortIfOutOctets15Min | |
| tPmonPortIfOutOctets1Day | |
| tPmonPortIfOutPackets15Min | |
| tPmonPortIfOutPackets1Day | |
| tPmonPortQueue1OctetsDropped15Min | |
| tPmonPortQueue1OctetsDropped1Day | |
| tPmonPortQueue1PktsDropped15Min | |
| tPmonPortQueue1PktsDropped1Day | |
| tPmonPortQueue2OctetsDropped15Min | |
| tPmonPortQueue2OctetsDropped1Day | |
| tPmonPortQueue2PktsDropped15Min | |
| tPmonPortQueue2PktsDropped1Day | |
| tPmonPortQueue3OctetsDropped15Min | |
| tPmonPortQueue3OctetsDropped1Day | |

Table 3-4709 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortQueue3PktsDropped15Min | |
| tPmonPortQueue3PktsDropped1Day | |
| tPmonPortQueue4OctetsDropped15Min | |
| tPmonPortQueue4OctetsDropped1Day | |
| tPmonPortQueue4PktsDropped15Min | |
| tPmonPortQueue4PktsDropped1Day | |
| tPmonPortQueue5OctetsDropped15Min | |
| tPmonPortQueue5OctetsDropped1Day | |
| tPmonPortQueue5PktsDropped15Min | |
| tPmonPortQueue5PktsDropped1Day | |
| tPmonPortQueue6OctetsDropped15Min | |
| tPmonPortQueue6OctetsDropped1Day | |
| tPmonPortQueue6PktsDropped15Min | |
| tPmonPortQueue6PktsDropped1Day | |
| tPmonPortQueue7OctetsDropped15Min | |
| tPmonPortQueue7OctetsDropped1Day | |
| tPmonPortQueue7PktsDropped15Min | |
| tPmonPortQueue7PktsDropped1Day | |
| tPmonPortQueue8OctetsDropped15Min | |
| tPmonPortQueue8OctetsDropped1Day | |
| tPmonPortQueue8PktsDropped15Min | |
| tPmonPortQueue8PktsDropped1Day | |
| tPmonSapIngressOctetsDropped15Min | |
| tPmonSapIngressOctetsDropped1Day | |
| tPmonSapIngressPktsDropped15Min | |
| tPmonSapIngressPktsDropped1Day | |
| tPmonSlmafflr15Min | |
| tPmonSlmafFlr1Day | |
| tPmonSlmafflrContinuous | |
| tPmonSlmanflr15Min | |
| tPmonSlmanFlr1Day | |
| tPmonSlmanflrContinuous | |
| tPmonSlmfhli15Min | |

Table 3-4709 Condition (continued)

| Name | Value |
|------------------------------------|-------|
| tPmonSlmfhli1Day | |
| tPmonSlmfhliContinuous | |
| tPmonSlmnhli15Min | |
| tPmonSlmnhli1Day | |
| tPmonSlmnhliContinuous | |
| tPmonSlmxfFlr1Day | |
| tPmonSlmxfflrContinuous | |
| tPmonSlmxnFlr1Day | |
| tPmonSlmxnflrContinuous | |
| tPostFec15Min | |
| tPostFec1Day | |
| tPreFec15Min | |
| tPreFec1Day | |
| trailTraceIdentifierMismatchEgress | |
| transferLogFL | |
| transferLogFT | |
| transferLogIP | |
| trmt | |
| trmtMOD | |
| TRUBRKROPEN | |
| tSefs15Min | |
| tSefs1Day | |
| tSefsPcs15Min | |
| tSefsPcs1Day | |
| tSefsPcst15Min | |
| tSefsPcst1Day | |
| tSefss15Min | |
| tSefss1Day | |
| tSefsst15Min | |
| tSefsst1Day | |
| tSes15Min | |
| tSes1Day | |
| tSesL15Min | |

Table 3-4709 Condition (continued)

| Name | Value |
|-----------------|-------|
| tSesL1Day | |
| tSesMs15Min | |
| tSesMs1Day | |
| tSesOdu15Min | |
| tSesOdu15MinOut | |
| tSesOdu1Day | |
| tSesOdu1DayOut | |
| tSesOtu15Min | |
| tSesOtu1Day | |
| tSesP15Min | |
| tSesP1Day | |
| tSesPcs15Min | |
| tSesPcs1Day | |
| tSesPest15Min | |
| tSesPest1Day | |
| tSesPt15Min | |
| tSesPt1Day | |
| tSesRs15Min | |
| tSesRs1Day | |
| tSesRst15Min | |
| tSesRst1Day | |
| tSess15Min | |
| tSess1Day | |
| tSesst15Min | |
| tSesst1Day | |
| tSesTcm15Min | |
| tSesTcm1Day | |
| tsMismatch | |
| tsMismatchOut | |
| tUasMs15Min | |
| tUasMs1Day | |
| tUasOdu15Min | |
| tUasOdu15MinOut | |

Table 3-4709 Condition (continued)

| Name | Value |
|----------------|-------|
| tUasOdu1Day | |
| tUasOdu1DayOut | |
| tUasOtu15Min | |
| tUasOtu1Day | |
| tUasP15Min | |
| tUasP1Day | |
| tUasPt15Min | |
| tUasPt1Day | |
| tUasRs15Min | |
| tUasRs1Day | |
| tUasRst15Min | |
| tUasRst1Day | |
| tUasTcm15Min | |
| tUasTcm1Day | |
| unexWkSet | |
| unknown | |
| unknownNotif | |
| unknownSfpXfp | |
| unL | |
| unM | |
| unMOrUnP | |
| unP | |
| unPr | |
| upm | |
| uruOchLos | |
| uruOmsRx | |
| uruOmsTx | |
| uruOtsLos | |
| uruOtsRx | |
| uruOtsTx | |
| uruOtu | |
| uruS | |
| usAis | |

Table 3-4709 Condition (continued)

| Name | Value |
|------------------|-------|
| usAls | |
| userEqptMismatch | |
| usFlt | |
| usIdle | |
| usLos | |
| usOchCollision | |
| usSFEber | |
| vcgDown | |
| vcgLoa | |
| vcgMap | |
| vcgSsf | |
| vcMfi | |
| voltage | |
| voltageHigh | |
| voltageLow | |
| vtsConnCreation | |
| vtsFdi | |
| vtsFdi1 | |
| vtsFdi10 | |
| vtsFdi11 | |
| vtsFdi12 | |
| vtsFdi13 | |
| vtsFdi14 | |
| vtsFdi15 | |
| vtsFdi16 | |
| vtsFdi17 | |
| vtsFdi18 | |
| vtsFdi19 | |
| vtsFdi2 | |
| vtsFdi20 | |
| vtsFdi21 | |
| vtsFdi22 | |
| vtsFdi23 | |

Table 3-4709 Condition (continued)

| Name | Value |
|----------|-------|
| vtsFdi24 | |
| vtsFdi25 | |
| vtsFdi26 | |
| vtsFdi27 | |
| vtsFdi28 | |
| vtsFdi29 | |
| vtsFdi3 | |
| vtsFdi30 | |
| vtsFdi31 | |
| vtsFdi32 | |
| vtsFdi4 | |
| vtsFdi5 | |
| vtsFdi6 | |
| vtsFdi7 | |
| vtsFdi8 | |
| vtsFdi9 | |
| vtsOci | |
| vtsOci1 | |
| vtsOci10 | |
| vtsOci11 | |
| vtsOci12 | |
| vtsOci13 | |
| vtsOci14 | |
| vtsOci15 | |
| vtsOci16 | |
| vtsOci17 | |
| vtsOci18 | |
| vtsOci19 | |
| vtsOci2 | |
| vtsOci20 | |
| vtsOci21 | |
| vtsOci22 | |
| vtsOci23 | |

Table 3-4709 Condition (continued)

| Name | Value |
|------------------|-------|
| vtsOci24 | |
| vtsOci25 | |
| vtsOci26 | |
| vtsOci27 | |
| vtsOci28 | |
| vtsOci29 | |
| vtsOci3 | |
| vtsOci30 | |
| vtsOci31 | |
| vtsOci32 | |
| vtsOci4 | |
| vtsOci5 | |
| vtsOci6 | |
| vtsOci7 | |
| vtsOci8 | |
| vtsOci9 | |
| warnTca | |
| wkSwBk | |
| wkSwPr | |
| wkSwPrVTS1 | |
| wkSwPrVTS10 | |
| wkSwPrVTS2 | |
| wkSwPrVTS3 | |
| wkSwPrVTS4 | |
| wkSwPrVTS5 | |
| wkSwPrVTS6 | |
| wkSwPrVTS7 | |
| wkSwPrVTS8 | |
| wkSwPrVTS9 | |
| wtocmaPoutRanOsr | |
| wtr | |

Default Severity

Table 3-4710 Default Severity

| Name | Value |
|--------------------------|------------------|
| Description | Default severity |
| Displayed name | Default Severity |
| Mandatory on creation | yes |
| OSS name | defaultSeverity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

Direction

Table 3-4711 Direction

| Name | Value |
|-----------------------|--|
| Description | The direction to which the new category will be applied. |
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General General |
| Type | AlarmCategoryDirection |

Table 3-4711 Direction (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| None | |
| RX | |
| TX | |

Override Severity**Table 3-4712 Override Severity**

| Name | Value |
|--------------------------|-------------------|
| Description | Override severity |
| Displayed name | Override Severity |
| OSS name | severity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

PTP parameters

Clock Mode

Table 3-4713 Clock Mode

| Name | Value |
|--------------------------|------------------------------|
| Default | yes:0 |
| Description | Specifies the PTP Clock Mode |
| Displayed name | Clock Mode |
| OSS name | ptpClockMode |
| Read-only | no |
| Tab Panel | General General |
| Type | PtpClockMode |
| Enumerated types: | |
| Boundary Clock | |
| Ordinary Clock - Master | |
| Ordinary Clock - Slave | |
| PTP Disabled | |

Frequency Reference

Table 3-4714 Frequency Reference

| Name | Value |
|--------------------------|-----------------------------------|
| Default | yes:0 |
| Description | Specifies the Frequency Reference |
| Displayed name | Frequency Reference |
| OSS name | ptpFrequencyReference |
| Read-only | no |
| Tab Panel | General General |
| Type | PtpFrequencyReference |
| Enumerated types: | |
| Layer 1A | |
| PTP | |

Time Reference
Table 3-4715 Time Reference

| Name | Value |
|-------------------------------|------------------------------|
| Default | yes:1 |
| Description | Specifies the Time Reference |
| Displayed name | Time Reference |
| OSS name | ptpTimeReference |
| Read-only | no |
| Tab Panel | General General |
| Type | PtpTimeReference |
| Enumerated types: | |
| External 1pps | |
| External ToD | |
| External TOD or Recovered PTP | |
| Recovered PTP | |

QoS Pool parameters

Application Type
Table 3-4716 Application Type

| Name | Value |
|-----------------------|------------------|
| Default | yes:1 |
| Displayed name | Application Type |
| Mandatory on creation | yes |
| OSS name | appType |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Default**Table 3-4717 Default**

| Name | Value |
|----------------|--------------------------|
| Displayed name | Default |
| OSS name | valueManager:reservedCbs |
| Read-only | no |
| Tab Panel | General Properties |

Name**Table 3-4718 Name**

| Name | Value |
|----------------|----------------------|
| Default | yes:default |
| Displayed name | Name |
| Maximum | 32 |
| Minimum | 1 |
| OSS name | slopePolicy |
| Read-only | yes |
| Tab Panel | General Slope Policy |
| Type | STRING |

Pool**Table 3-4719 Pool**

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | Pool |
| Mandatory on creation | yes |
| Maximum | 32 |
| OSS name | appPool |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Reserved CBS
Table 3-4720 Reserved CBS

| Name | Value |
|----------------|--------------------|
| Default | yes:-1 |
| Displayed name | Reserved CBS |
| Maximum | 100 |
| Minimum | -1 |
| OSS name | reservedCbs |
| Read-only | no |
| Tab Panel | General Properties |
| Type | INT |
| Units | % |

QueueSlope parameters

Administrative State
Table 3-4721 Administrative State

| Name | Value |
|--------------------------|----------------------|
| Default | yes:down |
| Displayed name | Administrative State |
| OSS name | hiAdminStatus |
| Read-only | no |
| Tab Panel | General High Slope |
| Type | AdministrativeState |
| Enumerated types: | |
| | Disabled |
| | Enabled |

Administrative State
Table 3-4722 Administrative State

| Name | Value |
|---------|----------|
| Default | yes:down |

Table 3-4722 Administrative State (continued)

| Name | Value |
|--------------------------|----------------------|
| Displayed name | Administrative State |
| OSS name | loAdminStatus |
| Read-only | no |
| Tab Panel | General Low Slope |
| Type | AdministrativeState |
| Enumerated types: | |
| Disabled | |
| Enabled | |

Administrative State**Table 3-4723 Administrative State**

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:down |
| Displayed name | Administrative State |
| OSS name | nonTcpAdminStatus |
| Read-only | no |
| Tab Panel | General Non TCP Slope |
| Type | AdministrativeState |
| Enumerated types: | |
| Disabled | |
| Enabled | |

ID**Table 3-4724 ID**

| Name | Value |
|-----------------------|---------|
| Default | yes:1 |
| Displayed name | ID |
| Mandatory on creation | yes |
| Maximum | 8 |
| Minimum | 1 |
| OSS name | queueID |

Table 3-4724 ID (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Max Average**Table 3-4725 Max Average**

| Name | Value |
|----------------|--------------------|
| Default | yes:90 |
| Displayed name | Max Average |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | hiMaxAverage |
| Read-only | no |
| Tab Panel | General High Slope |
| Type | INT |

Max Average**Table 3-4726 Max Average**

| Name | Value |
|----------------|-------------------|
| Default | yes:75 |
| Displayed name | Max Average |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | loMaxAverage |
| Read-only | no |
| Tab Panel | General Low Slope |
| Type | INT |

Max Average**Table 3-4727 Max Average**

| Name | Value |
|----------------|-----------------------|
| Default | yes:75 |
| Displayed name | Max Average |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | nonTcpMaxAverage |
| Read-only | no |
| Tab Panel | General Non TCP Slope |
| Type | INT |

Max Probability**Table 3-4728 Max Probability**

| Name | Value |
|--------------------------|--------------------|
| Default | yes:75 |
| Displayed name | Max Probability |
| OSS name | hiMaxProbability |
| Read-only | no |
| Tab Panel | General High Slope |
| Type | MaxProbability |
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 2 | |
| 25 | |
| 3 | |
| 4 | |
| 5 | |
| 50 | |
| 6 | |
| 7 | |

Table 3-4728 Max Probability (continued)

| Name | Value |
|------|-------|
| 75 | |
| 8 | |
| 9 | |

Max Probability**Table 3-4729 Max Probability**

| Name | Value |
|--------------------------|-------------------|
| Default | yes:75 |
| Displayed name | Max Probability |
| OSS name | loMaxProbability |
| Read-only | no |
| Tab Panel | General Low Slope |
| Type | MaxProbability |
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 2 | |
| 25 | |
| 3 | |
| 4 | |
| 5 | |
| 50 | |
| 6 | |
| 7 | |
| 75 | |
| 8 | |
| 9 | |

Max Probability**Table 3-4730 Max Probability**

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:75 |
| Displayed name | Max Probability |
| OSS name | nonTcpMaxProbability |
| Read-only | no |
| Tab Panel | General Non TCP Slope |
| Type | MaxProbability |
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 2 | |
| 25 | |
| 3 | |
| 4 | |
| 5 | |
| 50 | |
| 6 | |
| 7 | |
| 75 | |
| 8 | |
| 9 | |

Start Average**Table 3-4731 Start Average**

| Name | Value |
|----------------|----------------|
| Default | yes:70 |
| Displayed name | Start Average |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | hiStartAverage |

Table 3-4731 Start Average (continued)

| Name | Value |
|-------------|--------------------|
| Read-only | no |
| Tab Panel | General High Slope |
| Type | INT |

Start Average**Table 3-4732 Start Average**

| Name | Value |
|----------------|-------------------|
| Default | yes:50 |
| Displayed name | Start Average |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | loStartAverage |
| Read-only | no |
| Tab Panel | General Low Slope |
| Type | INT |

Start Average**Table 3-4733 Start Average**

| Name | Value |
|----------------|-----------------------|
| Default | yes:50 |
| Displayed name | Start Average |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | nonTcpStartAverage |
| Read-only | no |
| Tab Panel | General Non TCP Slope |
| Type | INT |

Time Average Factor

Table 3-4734 Time Average Factor

| Name | Value |
|----------------|---------------------|
| Default | yes:7 |
| Displayed name | Time Average Factor |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | timeAvgFactor |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Remote Device Configuration parameters

Auto Create Devices

Table 3-4735 Auto Create Devices

| Name | Value |
|----------------|---------------------|
| Default | yes:false |
| Displayed name | Auto Create Devices |
| OSS name | autoCreateDevices |
| Read-only | no |
| Tab Panel | Discovery General |
| Type | BOOL |

Multicast MAC Address

Table 3-4736 Multicast MAC Address

| Name | Value |
|----------------|---|
| Default | yes:00-00-00-00-00-00 |
| Description | The Multicast MAC Address used to discover RMDs |
| Displayed name | Multicast MAC Address |
| OSS name | multicastMacAddress |
| Read-only | no |

Table 3-4736 Multicast MAC Address (continued)

| Name | Value |
|-------------|-------------------|
| Tab Panel | Discovery General |
| Type | MACADDR |

OUI**Table 3-4737 OUI**

| Name | Value |
|----------------|---|
| Default | yes:00-19-3A |
| Description | The Organization Unique Identifier (OUI) of the RMDs that should respond to the discovery request. Format three hex bytes (xx-xx-xx). The first byte cannot be a odd number |
| Displayed name | OUI |
| Maximum | 8 |
| Minimum | 8 |
| OSS name | rmdOUI |
| Read-only | no |
| Tab Panel | Discovery General |
| Type | STRING |

RMD Interface**Table 3-4738 RMD Interface**

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | RMD Interface |
| OSS name | rmdInterfacePointer |
| Read-only | no |
| Tab Panel | Discovery General |
| Type | POINTER |

Remote Managed Device parameters

Description

Table 3-4739 Description

| Name | Value |
|----------------|-----------------|
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Device ID

Table 3-4740 Device ID

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Device ID |
| Mandatory on creation | yes |
| Maximum | 32 |
| Minimum | 1 |
| OSS name | deviceld |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Device Status

Table 3-4741 Device Status

| Name | Value |
|----------------|-----------------|
| Displayed name | Device Status |
| OSS name | status |
| Read-only | no |
| Tab Panel | General General |

Table 3-4741 Device Status (continued)

| Name | Value |
|--------------------------|--------------|
| Type | DeviceStatus |
| Enumerated types: | |
| Device Not Reachable | |
| Equipment Fault | |
| No Device found | |
| Normal | |
| Power Failure | |
| Wrong Device Present | |

Device Type**Table 3-4742 Device Type**

| Name | Value |
|--------------------------|-----------------|
| Default | yes:efm |
| Displayed name | Device Type |
| Mandatory on creation | yes |
| OSS name | deviceType |
| Read-only | no |
| Tab Panel | General General |
| Type | DeviceType |
| Enumerated types: | |
| CEDD | |
| CFM | |
| EFM | |
| TSoP-OC12 | |
| TSoP-OC3 | |
| Unknown | |

Firmware Version**Table 3-4743 Firmware Version**

| Name | Value |
|----------------|------------------|
| Displayed name | Firmware Version |

Table 3-4743 Firmware Version (continued)

| Name | Value |
|-------------|------------------|
| OSS name | firmwareVersion |
| Read-only | no |
| Tab Panel | Firmware General |
| Type | STRING |

Forwarding Mode

Table 3-4744 Forwarding Mode

| Name | Value |
|--------------------------|-----------------|
| Default | yes:storeFoward |
| Displayed name | Forwarding Mode |
| OSS name | forwardingMode |
| Read-only | no |
| Tab Panel | General General |
| Type | ForwardingMode |
| Enumerated types: | |
| Cut-through | |
| Not Applicable | |
| Store and Forward | |

Interface ID

Table 3-4745 Interface ID

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Interface ID |
| OSS name | interfaceId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

MAC Address**Table 3-4746 MAC Address**

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | MAC Address |
| Mandatory on creation | yes |
| OSS name | macAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | MACADDR |

Multicast MAC Address**Table 3-4747 Multicast MAC Address**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Multicast MAC Address |
| OSS name | multicastMacAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | MACADDR |

OUI**Table 3-4748 OUI**

| Name | Value |
|----------------|-----------------|
| Default | yes:00-19-3A |
| Displayed name | OUI |
| OSS name | deviceOui |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Packet Processor NVM Version
Table 3-4749 Packet Processor NVM Version

| Name | Value |
|----------------|------------------------------|
| Displayed name | Packet Processor NVM Version |
| OSS name | packetProcessorNVMVersion |
| Read-only | no |
| Tab Panel | Firmware General |
| Type | STRING |

Packet Processor Version**Table 3-4750 Packet Processor Version**

| Name | Value |
|----------------|--------------------------|
| Displayed name | Packet Processor Version |
| OSS name | packetProcessorVersion |
| Read-only | no |
| Tab Panel | Firmware General |
| Type | STRING |

Site ID**Table 3-4751 Site ID**

| Name | Value |
|----------------|-------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site Info |
| Type | STRING |

Site Name
Table 3-4752 Site Name

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site Info |
| Type | STRING |

Remote MEP DB State parameters

Duration**Table 3-4753 Duration**

| Name | Value |
|----------------|------------------------------|
| Default | yes:0 |
| Description | Specifies the test duration. |
| Displayed name | Duration |
| OSS name | duration |
| Read-only | yes |
| Tab Panel | General dualEndedResults |
| Type | LONG |
| Units | seconds |

Grace Period RX**Table 3-4754 Grace Period RX**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | The value of <code>tmnxDot1agCfmMepDbGraceRx</code> indicates whether the remote peer is transmitting a grace period notification or not. |
| Displayed name | Grace Period RX |
| OSS name | graceRx |

Table 3-4754 Grace Period RX (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Interface Status**Table 3-4755 Interface Status**

| Name | Value |
|--------------------------|---|
| Default | yes:isNoInterfaceStatusTLV |
| Description | Specifies the if CC messaging is returned for remote MEP. |
| Displayed name | Interface Status |
| OSS name | intfStatus |
| Read-only | yes |
| Tab Panel | General General |
| Type | Dot1agCfmInterfaceStatus |
| Enumerated types: | |
| Dormant | |
| Down | |
| LowerLayerDown | |
| None | |
| NotPresent | |
| Testing | |
| Unknown | |
| Up | |

Last CCM**Table 3-4756 Last CCM**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies if CC messaging is returned for remote MEP. |
| Displayed name | Last CCM |
| OSS name | lastCCM |

Table 3-4756 Last CCM (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | yes |
| Tab Panel | General General |
| Type | TIME |

Lost Frame Ratio - Local**Table 3-4757 Lost Frame Ratio - Local**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the percentage of frames lost during this test at the near-end. |
| Displayed name | Lost Frame Ratio - Local |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | frameLossRatioLocal |
| Read-only | yes |
| Tab Panel | General dualEndedResults |
| Type | FLOAT |
| Units | % |

Lost Frame Ratio - Peer**Table 3-4758 Lost Frame Ratio - Peer**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the percentage of frames lost during this test at the far-end. |
| Displayed name | Lost Frame Ratio - Peer |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | frameLossRatioPeer |
| Read-only | yes |
| Tab Panel | General dualEndedResults |
| Type | FLOAT |
| Units | % |

Lost Frames - Local**Table 3-4759 Lost Frames - Local**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the number of frames lost during this test at the near-end. |
| Displayed name | Lost Frames - Local |
| OSS name | frameLossLocal |
| Read-only | yes |
| Tab Panel | General dualEndedResults |
| Type | UINT128 |

Lost Frames - Peer**Table 3-4760 Lost Frames - Peer**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the number of frames lost during this test at the far-end. |
| Displayed name | Lost Frames - Peer |
| OSS name | frameLossPeer |
| Read-only | yes |
| Tab Panel | General dualEndedResults |
| Type | UINT128 |

MAC Address**Table 3-4761 MAC Address**

| Name | Value |
|----------------|---|
| Default | yes:00-00-00-00-00-00 |
| Description | Specifies the MAC address for remote MEP. |
| Displayed name | MAC Address |
| OSS name | macAddress |
| Read-only | yes |
| Tab Panel | General General |
| Type | MACADDR |

MEP ID

Table 3-4762 MEP ID

| Name | Value |
|-----------------------|--------------------------------|
| Default | yes:0 |
| Description | The identifier for remote MEP. |
| Displayed name | MEP ID |
| Mandatory on creation | yes |
| Maximum | 8191 |
| Minimum | 1 |
| OSS name | remoteMepId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Port Status

Table 3-4763 Port Status

| Name | Value |
|--------------------------|---|
| Default | yes:psNoPortStateTLV |
| Description | An enumerated value of the Port status TLV received in the last CCM from the remote MEP or the default value psNoPortStateTLV indicating either no CCM has been received, or that nor port status TLV was received in the last CCM. |
| Displayed name | Port Status |
| OSS name | portStatus |
| Read-only | yes |
| Tab Panel | General General |
| Type | Dot1agCfmPortSatus |
| Enumerated types: | |
| Blocked | |
| None | |
| Up | |

Rdi**Table 3-4764 Rdi**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | State of the RDI bit in the last received CCM (true for RDI=1), or false if none has been received. |
| Displayed name | Rdi |
| OSS name | rdiFlag |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Received CCM Frames**Table 3-4765 Received CCM Frames**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the number of CCM frames received for this Dual-Ended Loss test. |
| Displayed name | Received CCM Frames |
| OSS name | rxLmrCcmCount |
| Read-only | yes |
| Tab Panel | General dualEndedResults |
| Type | LONG |

RemoteState**Table 3-4766 RemoteState**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies the DB state for remote MEP. |
| Displayed name | RemoteState |
| OSS name | remoteMepDbState |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Rx Frames - Local**Table 3-4767 Rx Frames - Local**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the number of frames received during this test by the near-end. |
| Displayed name | Rx Frames - Local |
| OSS name | rxFramesLocal |
| Read-only | yes |
| Tab Panel | General dualEndedResults |
| Type | UINT128 |

Rx Frames - Peer**Table 3-4768 Rx Frames - Peer**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the number of frames received during this test by the far-end. |
| Displayed name | Rx Frames - Peer |
| OSS name | rxFramesPeer |
| Read-only | yes |
| Tab Panel | General dualEndedResults |
| Type | UINT128 |

Tx Frames - Local**Table 3-4769 Tx Frames - Local**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies the number of frames transmitted during this test by the near-end. |
| Displayed name | Tx Frames - Local |
| OSS name | txFramesLocal |
| Read-only | yes |
| Tab Panel | General dualEndedResults |
| Type | UINT128 |

Tx Frames - Peer
Table 3-4770 Tx Frames - Peer

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the number of frames transmitted during this test by the far-end. |
| Displayed name | Tx Frames - Peer |
| OSS name | txFramesPeer |
| Read-only | yes |
| Tab Panel | General dualEndedResults |
| Type | UINT128 |

Remote MEP parameters

Auto Discovered RemoteMep

Table 3-4771 Auto Discovered RemoteMep

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether or not the remote peer was automatically discovered ('true') or not. |
| Displayed name | Auto Discovered RemoteMep |
| OSS name | autoDiscoveredRemoteMep |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

MEP ID

Table 3-4772 MEP ID

| Name | Value |
|-----------------------|--------------------------------|
| Default | yes:0 |
| Description | The identifier for remote MEP. |
| Displayed name | MEP ID |
| Mandatory on creation | yes |
| Maximum | 8191 |

Table 3-4772 MEP ID (continued)

| Name | Value |
|-------------|-----------------|
| Minimum | 1 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

MEP Mac Address**Table 3-4773 MEP Mac Address**

| Name | Value |
|----------------|---|
| Default | yes:00-00-00-00-00-00 |
| Description | Specifies the MAC address used by the Remote MEP. |
| Displayed name | MEP Mac Address |
| OSS name | macAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | MACADDR |

Ring Power Adjustment parameters**Card Sub Type****Table 3-4774 Card Sub Type**

| Name | Value |
|----------------|---|
| Default | yes:unspecified |
| Description | The assigned card subtype of the card on which this power adjustment is applicable. |
| Displayed name | Card Sub Type |
| OSS name | assignedCardSubType |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.CardSubType |

Description
Table 3-4775 Description

| Name | Value |
|----------------|------------------------------------|
| Description | The displayed name of this object. |
| Displayed name | Description |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Direction**Table 3-4776 Direction**

| Name | Value |
|--------------------------|--|
| Description | The direction of power adjustment - ingress, egress, add, drop, etc. |
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General Power Adjustment |
| Type | PowerAdjDirection |
| Enumerated types: | |
| Add | |
| Drop | |
| Egress | |
| Ingress | |

Execute Command**Table 3-4777 Execute Command**

| Name | Value |
|----------------|---|
| Default | yes:noCmd |
| Description | The power adjustment operation exposed to the user - start, stop, abort, etc. |
| Displayed name | Execute Command |
| OSS name | powerAdjustCommand |

Table 3-4777 Execute Command (continued)

| Name | Value |
|--------------------------|--------------------------|
| Read-only | no |
| Tab Panel | General Power Adjustment |
| Type | PowerAdjCommand |
| Enumerated types: | |
| Abort | |
| No Command | |
| Start | |
| Stop | |

Result**Table 3-4778 Result**

| Name | Value |
|----------------|---|
| Description | The result of the last executed power adjustment operation. |
| Displayed name | Result |
| OSS name | powerAdjustResult |
| Read-only | no |
| Tab Panel | General Power Adjustment |
| Type | STRING |

Site ID**Table 3-4779 Site ID**

| Name | Value |
|----------------|----------------------|
| Description | The site identifier. |
| Displayed name | Site ID |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name
Table 3-4780 Site Name

| Name | Value |
|----------------|-----------------|
| Description | The site name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Status**Table 3-4781 Status**

| Name | Value |
|--------------------------|--|
| Description | Indicates the status of the executed power adjustment operation. |
| Displayed name | Status |
| OSS name | powerAdjustStatus |
| Read-only | no |
| Tab Panel | General Power Adjustment |
| Type | PowerAdjStatus |
| Enumerated types: | |
| Completed | |
| In Progress | |
| Not In Progress | |

Topology**Table 3-4782 Topology**

| Name | Value |
|-----------------------|---|
| Default | yes:notApplicable |
| Description | The type of topology - linear, ring, etc. |
| Displayed name | Topology |
| Mandatory on creation | yes |
| OSS name | topology |
| Read-only | no |

Table 3-4782 Topology (continued)

| Name | Value |
|------------------------------|--------------------------|
| Tab Panel | General Power Adjustment |
| Type | TopologyType |
| Enumerated types: | |
| Linear (Forced X-Conn Req'd) | |
| Not Applicable | |
| Ring (ASE Adjust) | |

Type

Table 3-4783 Type

| Name | Value |
|--------------------------|--|
| Description | The type of power adjustment - linear, ring, dynamicTilt, etc. |
| Displayed name | Type |
| Mandatory on creation | yes |
| OSS name | powerAdjustType |
| Read-only | no |
| Tab Panel | General Power Adjustment |
| Type | PowerAdjType |
| Enumerated types: | |
| Dynamic Tilt | |
| Linear | |
| Ring | |

RMD Access Interface parameters

Auto Initiate Discovery

Table 3-4784 Auto Initiate Discovery

| Name | Value |
|-----------------------|-------------------------|
| Default | yes:false |
| Displayed name | Auto Initiate Discovery |
| Mandatory on creation | yes |
| OSS name | autoInitiateDiscovery |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Interface ID

Table 3-4785 Interface ID

| Name | Value |
|-----------------------|-----------------|
| Default | yes:autold |
| Displayed name | Interface ID |
| Mandatory on creation | yes |
| Maximum | 26 |
| Minimum | 1 |
| OSS name | interfaceId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Port

Table 3-4786 Port

| Name | Value |
|-----------------------|-------------------------|
| Default | yes: |
| Displayed name | Port |
| Mandatory on creation | yes |
| OSS name | interfaceBindingPointer |

Table 3-4786 Port (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Port Name**Table 3-4787 Port Name**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Port Name |
| Maximum | 252 |
| OSS name | bindingObjectName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site ID**Table 3-4788 Site ID**

| Name | Value |
|----------------|-------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site Info |
| Type | STRING |

Site Name**Table 3-4789 Site Name**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-4789 Site Name (continued)

| Name | Value |
|----------------|-------------------|
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site Info |
| Type | STRING |

Rmd Alarm Category parameters

Category

Table 3-4790 Category

| Name | Value |
|--------------------------|----------------------|
| Description | The trap entity type |
| Displayed name | Category |
| Mandatory on creation | yes |
| OSS name | alarmEntityType |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapEntityType |
| Enumerated types: | |
| | 100GBE |
| | 10GBE |
| | 1GBE |
| | 40GBE |
| | ALL |
| | BITS |
| | CBR10G3 |
| | CBR2G5 |
| | CBRAR |
| | COM |
| | CPDPR |
| | CPLMP |

Table 3-4790 Category (continued)

| Name | Value |
|--------------|-------|
| CPNEIGHBOR | |
| CPRSVP | |
| DBLINK | |
| DDR | |
| E1 | |
| ENV | |
| EQPT | |
| FC100 | |
| FC10G | |
| FC16G | |
| FC200 | |
| FC400 | |
| FC800 | |
| FE | |
| GMRENODE | |
| LAG | |
| LINEREF | |
| LOG | |
| LOODU | |
| LSP | |
| MEP | |
| NETIF | |
| OC12/STM4 | |
| OC192/STM64 | |
| OC3/STM1 | |
| OC48/STM16 | |
| OC768/STM256 | |
| OCH | |
| ODU0 | |
| ODU0TCM | |
| ODU1 | |
| ODU1F | |
| ODU1FTCM | |

Table 3-4790 Category (continued)

| Name | Value |
|----------------|-------|
| ODU1ODU0 | |
| ODU1ODU0TCM | |
| ODU1PTF | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2EODU0 | |
| ODU2EODU0TCM | |
| ODU2EODU1 | |
| ODU2EODU1TCM | |
| ODU2EODUF | |
| ODU2EODUFTCM | |
| ODU2ETCM | |
| ODU2ODU0 | |
| ODU2ODU0TCM | |
| ODU2ODU1 | |
| ODU2ODU1TCM | |
| ODU2ODUF | |
| ODU2ODUFTCM | |
| ODU2TCM | |
| ODU3 | |
| ODU3E | |
| ODU3E2 | |
| ODU3E2ODU0 | |
| ODU3E2ODU0TCM | |
| ODU3E2ODU1 | |
| ODU3E2ODU1TCM | |
| ODU3E2ODU2 | |
| ODU3E2ODU2E | |
| ODU3E2ODU2ETCM | |
| ODU3E2ODU2TCM | |
| ODU3E2ODUF | |
| ODU3E2ODUFTCM | |

Table 3-4790 Category (continued)

| Name | Value |
|---------------|-------|
| ODU3E2TCM | |
| ODU3EODU0 | |
| ODU3EODU0TCM | |
| ODU3EODU1 | |
| ODU3EODU1TCM | |
| ODU3EODU2 | |
| ODU3EODU2E | |
| ODU3EODU2ETCM | |
| ODU3EODU2TCM | |
| ODU3EODUF | |
| ODU3EODUFTCM | |
| ODU3ETCM | |
| ODU3ODU0 | |
| ODU3ODU0TCM | |
| ODU3ODU1 | |
| ODU3ODU1TCM | |
| ODU3ODU2 | |
| ODU3ODU2E | |
| ODU3ODU2ETCM | |
| ODU3ODU2TCM | |
| ODU3ODUF | |
| ODU3ODUFTCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4ODU0 | |
| ODU4ODU0TCM | |
| ODU4ODU1 | |
| ODU4ODU1F | |
| ODU4ODU1FTCM | |
| ODU4ODU1TCM | |
| ODU4ODU2 | |
| ODU4ODU2E | |
| ODU4ODU2ETCM | |

Table 3-4790 Category (continued)

| Name | Value |
|---------------|-------|
| ODU4ODU2TCM | |
| ODU4ODU3 | |
| ODU4ODU3E | |
| ODU4ODU3E2 | |
| ODU4ODU3E2TCM | |
| ODU4ODU3ETCM | |
| ODU4ODU3TCM | |
| ODU4ODUF | |
| ODU4ODUFTCM | |
| ODU4TCM | |
| ODUF | |
| ODUFTCM | |
| OFA | |
| OMS | |
| OPTSG | |
| OTNFAC | |
| OTS | |
| OTU | |
| OTU0 | |
| OTU1 | |
| OTU1F | |
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E | |
| OTU3E2 | |
| OTU4 | |
| OTUODU0 | |
| OTUODU0TCM | |
| OTUODU1 | |
| OTUODU1F | |
| OTUODU1TCM | |
| OTUODU2 | |

Table 3-4790 Category (continued)

| Name | Value |
|--------------|-------|
| OTUODU2E | |
| OTUODU2ETCM | |
| OTUODU2TCM | |
| OTUODU3 | |
| OTUODU3E | |
| OTUODU3E2 | |
| OTUODU3E2TCM | |
| OTUODU3ETCM | |
| OTUODU3TCM | |
| OTUODU4 | |
| OTUODU4TCM | |
| OTUODU1FTCM | |
| PLK | |
| PM | |
| PTPCLOCK | |
| PTPPORT | |
| RMD | |
| RMDCESCHNNEL | |
| RMDIF | |
| RMDIFMAU | |
| RMDMEP | |
| RMDNIM | |
| SCLOCK | |
| SDR | |
| SESSION | |
| SRERP | |
| SRMEP | |
| SROAMSACTL | |
| SRSAP | |
| SRSVC | |
| SYNC | |
| TELINK | |
| TIMING | |

Table 3-4790 Category (continued)

| Name | Value |
|------|-------|
| TOD | |
| TRU | |
| VTs | |

Condition**Table 3-4791 Condition**

| Name | Value |
|--------------------------|--------------------|
| Description | The trap condition |
| Displayed name | Condition |
| Mandatory on creation | yes |
| OSS name | alarmCondition |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCondition |
| Enumerated types: | |
| aesFipsFailure | |
| aisLM | |
| aisLmsAis | |
| aisPauAis | |
| aisTcm | |
| alienEgrLOS | |
| allChanMiss | |
| allChanMissOut | |
| almRSync | |
| almRSyncEnd | |
| ampDisabled | |
| ampEol | |
| ANNOUNCELOSS | |
| apeInProgress | |
| APRFORCED | |
| aprInvalidTopo | |
| APRLIMITED | |

Table 3-4791 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| aprLine | |
| aprNode | |
| aprOsc | |
| aprSwitch | |
| aprUnavail | |
| aprUnavailOsc | |
| apsB | |
| apsCm | |
| apsMm | |
| apsNoRed | |
| arcIND | |
| asonTopo | |
| auAisP | |
| auLopP | |
| authFail | |
| autoReset | |
| autoSwTimRef | |
| autoSwTimRefT4 | |
| autoSyncSw | |
| b1Sd | |
| backupUnavail | |
| backwardDefectIndicationEgress | |
| BADCLKFREQ | |
| baseline | |
| bdi | |
| bdiOdu | |
| bdiOduOut | |
| bdiTcm | |
| binsRolled | |
| bitsAIS | |
| bitsLof | |
| bitsLos | |
| bitsMAN | |

Table 3-4791 Condition (continued)

| Name | Value |
|--------------------|-------|
| bkupCom | |
| boardEqpt | |
| brkTrip | |
| capBuf | |
| cardBoot | |
| CARDCLKOFFFREQ | |
| cardIdRcvd | |
| cardInBoot | |
| cardInit | |
| cardInitBcm | |
| cardInitFail | |
| cardInitNonBcm | |
| cardNotAllowed | |
| cardSanity | |
| cbr10G3RxLOS | |
| cbr10G3RxLSS | |
| ccActChg | |
| cfCapacityWarning | |
| cfmAisEvt | |
| cfmDmTestComplete | |
| cfmFltEvt | |
| cfmLbmTestComplete | |
| cfmLmTestComplete | |
| cfmLtmTestComplete | |
| cfmSlmTestComplete | |
| change | |
| channelViolation | |
| chkBkplane | |
| ckm | |
| clearAllTcas | |
| colorViolation | |
| comm | |
| commDeg | |

Table 3-4791 Condition (continued)

| Name | Value |
|----------------|-------|
| commDown | |
| configFail | |
| CONFIGMM | |
| contBus | |
| contCom | |
| contComm | |
| contEqpt | |
| contEqptSplit | |
| contr | |
| contrDup | |
| contrenDgr | |
| contrenFail | |
| contrOut | |
| cpuPerformance | |
| crdInit | |
| crTea | |
| csf | |
| csfGfp | |
| CSFGFPOUT | |
| csfOduEgr | |
| csfOduOut | |
| dataErr | |
| dataFlt | |
| dbErr | |
| dbFl | |
| dbFt | |
| dbFull | |
| dbInvalid | |
| dbMemTrf | |
| dbUnsync | |
| dcConfigFail | |
| deg | |
| degOtu | |

Table 3-4791 Condition (continued)

| Name | Value |
|-----------------|-------|
| degOut | |
| degTcm | |
| DELAYRESLOSS | |
| DISCOVERMOD | |
| dormantUser | |
| dwAis | |
| dwLof | |
| dwLom | |
| dwSd | |
| dwSf | |
| e1AisEgr | |
| e1AisL | |
| e1Lof | |
| e1LofEgr | |
| e1Los | |
| e1NoCrc4M | |
| e1NoCRC4MEgr | |
| e1Rai | |
| e1RaiEgr | |
| ebero | |
| egressSSF | |
| envInput1Active | |
| envInput2Active | |
| envInput3Active | |
| envInput4Active | |
| envInput5Active | |
| envInput6Active | |
| envInput7Active | |
| envInput8Active | |
| eptUploadErr | |
| eqpt | |
| eqptCrypto | |
| eqptDgr | |

Table 3-4791 Condition (continued)

| Name | Value |
|-------------------|-------|
| eqptDgrMon | |
| eqptDgrOch | |
| eqptDgrOchOut | |
| eqptDgrOut | |
| eqptPort | |
| erpFwdStateChng | |
| ESCABLEMISMATCH1 | |
| ESCABLEMISMATCH10 | |
| ESCABLEMISMATCH11 | |
| ESCABLEMISMATCH12 | |
| ESCABLEMISMATCH13 | |
| ESCABLEMISMATCH14 | |
| ESCABLEMISMATCH15 | |
| ESCABLEMISMATCH16 | |
| ESCABLEMISMATCH17 | |
| ESCABLEMISMATCH18 | |
| ESCABLEMISMATCH19 | |
| ESCABLEMISMATCH2 | |
| ESCABLEMISMATCH20 | |
| ESCABLEMISMATCH21 | |
| ESCABLEMISMATCH22 | |
| ESCABLEMISMATCH23 | |
| ESCABLEMISMATCH24 | |
| ESCABLEMISMATCH3 | |
| ESCABLEMISMATCH4 | |
| ESCABLEMISMATCH5 | |
| ESCABLEMISMATCH6 | |
| ESCABLEMISMATCH7 | |
| ESCABLEMISMATCH8 | |
| ESCABLEMISMATCH9 | |
| escLatchFail | |
| esm | |
| ethCSF | |

Table 3-4791 Condition (continued)

| Name | Value |
|-------------------------|-------|
| ethRingPathProvMismatch | |
| etrMismatch | |
| etrMismatchMod | |
| excessLoad | |
| excessLoss | |
| facServ | |
| facTerm | |
| facTermDev | |
| facTermDgr | |
| fan32HRqd | |
| fanSpeed | |
| fanSpeedHigh | |
| fanSpeedLow | |
| fanSpeedMan | |
| farEndLos | |
| faulty | |
| fdi | |
| fdiClk | |
| feAls | |
| feasibilityViolation | |
| fecEcSd | |
| fecFail | |
| fecUbcSd | |
| feFlt | |
| feLfi | |
| feLos | |
| feLss | |
| fePortMismatch | |
| fePrLf | |
| feRfi | |
| fipsFailure | |
| fipsSwMismatch | |
| flt | |

Table 3-4791 Condition (continued)

| Name | Value |
|-----------------|-------|
| fpgaFail | |
| FPGAFAILNSA | |
| fpgaInit | |
| FPGAINIT1 | |
| FPGAINIT10 | |
| FPGAINIT2 | |
| FPGAINIT3 | |
| FPGAINIT4 | |
| FPGAINIT5 | |
| FPGAINIT6 | |
| FPGAINIT7 | |
| FPGAINIT8 | |
| FPGAINIT9 | |
| FPGAINITNSA1 | |
| FPGAINITNSA10 | |
| FPGAINITNSA2 | |
| FPGAINITNSA3 | |
| FPGAINITNSA4 | |
| FPGAINITNSA5 | |
| FPGAINITNSA6 | |
| FPGAINITNSA7 | |
| FPGAINITNSA8 | |
| FPGAINITNSA9 | |
| FPGAPRELOAD | |
| fpgaTimeout | |
| FPGATIMEOUTNSA | |
| frcdSwTimRef | |
| frcdSwTimRefT4 | |
| frcdWkSwBk | |
| frcdWkSwBkVTS1 | |
| frcdWkSwBkVTS10 | |
| frcdWkSwBkVTS2 | |
| frcdWkSwBkVTS3 | |

Table 3-4791 Condition (continued)

| Name | Value |
|---------------------|-------|
| fredWkSwBkVTS4 | |
| fredWkSwBkVTS5 | |
| fredWkSwBkVTS6 | |
| fredWkSwBkVTS7 | |
| fredWkSwBkVTS8 | |
| fredWkSwBkVTS9 | |
| fredWkSwPr | |
| fredWkSwPrVTS1 | |
| fredWkSwPrVTS10 | |
| fredWkSwPrVTS2 | |
| fredWkSwPrVTS3 | |
| fredWkSwPrVTS4 | |
| fredWkSwPrVTS5 | |
| fredWkSwPrVTS6 | |
| fredWkSwPrVTS7 | |
| fredWkSwPrVTS8 | |
| fredWkSwPrVTS9 | |
| FRCRFCKSEL | |
| frngSync | |
| FTD_ENCRYPT_15MIN | |
| FTD_ENCRYPT_1DAY | |
| FWMISMATCH | |
| fwPendingObsolete | |
| fwUpgradePending | |
| fwVersionNotDefault | |
| gfpLof | |
| GFPLOFOUT | |
| gfpSsf | |
| gfpUpm | |
| hdFail | |
| hdFull | |
| hiBer | |
| highGain | |

Table 3-4791 Condition (continued)

| Name | Value |
|--------------------------|-------|
| hldOvrSync | |
| hpPlmP | |
| hpRdiP | |
| hpUneqP | |
| hwRevisionNotSupported | |
| igmpSnpgSrcLimitExceed | |
| imageNotReady | |
| incompatFan | |
| inhMsgPmRept | |
| init | |
| inMigration | |
| INSERTMOD | |
| int | |
| intErr | |
| intrusion | |
| intrusionEvt | |
| intSft | |
| intTemp | |
| intTempHigh | |
| intTempLow | |
| intTempOpt | |
| invalidEgress | |
| invalidThreshold | |
| invalidThresholdOms | |
| invalidThresholdOts | |
| invalidTopo | |
| inventoryError | |
| keyDomainErr | |
| lagDeg | |
| lagLos | |
| LAGMEMBERPORTSTATECHANGE | |
| lagPortAddFailed | |
| LAGPORTADDSUCCESS | |

Table 3-4791 Condition (continued)

| Name | Value |
|-------------------------|-------|
| LAGSTATECHANGE | |
| lagSubGrpSelect | |
| lanLfi | |
| lanLol | |
| lanLos | |
| lanRfi | |
| lanSf | |
| laserBackFacetOptPwrTca | |
| laserCoolingCurTca | |
| laserEOL | |
| laserOffLpbk | |
| lck | |
| lckOut | |
| lckTcm | |
| ledState | |
| lfd | |
| lfiEgr | |
| linkDiversity | |
| linkDown | |
| linkoamLoopDetected | |
| linkoamNonThresh | |
| linkoamPeerChng | |
| linkUp | |
| loam | |
| lockedIndicationEgress | |
| lockoutOfPr | |
| lockoutOfPrVTS1 | |
| lockoutOfPrVTS10 | |
| lockoutOfPrVTS2 | |
| lockoutOfPrVTS3 | |
| lockoutOfPrVTS4 | |
| lockoutOfPrVTS5 | |
| lockoutOfPrVTS6 | |

Table 3-4791 Condition (continued)

| Name | Value |
|-------------------|-------|
| lockoutOfPrVTS7 | |
| lockoutOfPrVTS8 | |
| lockoutOfPrVTS9 | |
| lockoutOfTimRef | |
| lockoutOfTimRefT4 | |
| lockoutToPr | |
| lof | |
| lofEgr | |
| lofLom | |
| lofLomOut | |
| lofO | |
| loGain | |
| logBuf90SecuLog | |
| logBufOvflSecuLog | |
| lol | |
| LOLA | |
| lopPauLop | |
| los | |
| losDcm | |
| losEdfa | |
| losLdSig | |
| losO | |
| losOamp | |
| losOcm | |
| losOms | |
| losOOut | |
| losOts | |
| losOut | |
| losP | |
| losPld | |
| lossOfLock | |
| lostClock | |
| lotOut | |

Table 3-4791 Condition (continued)

| Name | Value |
|-----------------|-------|
| lpbkLine | |
| lpbkTerm | |
| lspFailedApe | |
| lspFailedPre | |
| lspFailedTp | |
| lspFailedUnprot | |
| lspFailedXc | |
| lsrOutDgr | |
| lss | |
| lssEgr | |
| ltcTcm | |
| man | |
| manLR | |
| manReset | |
| manSwTimRef | |
| manSwTimRefT4 | |
| manSwToInt | |
| manSwToPri | |
| manSwToSec | |
| manWkSwBk | |
| manWkSwBkVTS1 | |
| manWkSwBkVTS10 | |
| manWkSwBkVTS2 | |
| manWkSwBkVTS3 | |
| manWkSwBkVTS4 | |
| manWkSwBkVTS5 | |
| manWkSwBkVTS6 | |
| manWkSwBkVTS7 | |
| manWkSwBkVTS8 | |
| manWkSwBkVTS9 | |
| manWkSwPr | |
| manWkSwPrVTS1 | |
| manWkSwPrVTS10 | |

Table 3-4791 Condition (continued)

| Name | Value |
|-------------------|-------|
| manWkSwPrVTS2 | |
| manWkSwPrVTS3 | |
| manWkSwPrVTS4 | |
| manWkSwPrVTS5 | |
| manWkSwPrVTS6 | |
| manWkSwPrVTS7 | |
| manWkSwPrVTS8 | |
| manWkSwPrVTS9 | |
| mepAIS | |
| mepError | |
| mepLoc | |
| mepMacError | |
| mepMmg | |
| mepRemote | |
| mepXcon | |
| mirrorDestDisable | |
| mirrorDestEnable | |
| mirrorSrcDisable | |
| mirrorSrcEnable | |
| mismatch | |
| mismatchFiber | |
| mismatchSfpXfp | |
| missing | |
| mixedPFUsed | |
| mjTca | |
| mnTca | |
| mod | |
| modOutOOR | |
| msim | |
| mtcesurv | |
| mtcesurvDgr | |
| neAls | |
| neFlt | |

Table 3-4791 Condition (continued)

| Name | Value |
|--------------------|-------|
| neModeMismatch | |
| net | |
| netCraft | |
| neUnreachable | |
| nkm | |
| nodeDeg | |
| notUsed1 | |
| notUsed2 | |
| notUsed3 | |
| notUsed4 | |
| ntpChkSig | |
| ntpClkAdj | |
| ntpLor | |
| ntpOoSync | |
| nunvComm | |
| nunvConfig | |
| nunvIndetermined | |
| nunvReversion | |
| nunvTpBlocked | |
| nunvTransmission | |
| nvMismatch | |
| oaPumpBiasCurrHigh | |
| oaPumpTempHigh | |
| objCreated | |
| objDeleted | |
| ochCollision | |
| ochCollisionOut | |
| ochFdi | |
| ochIntErr | |
| ochKeyDup | |
| ochKeyOverlap | |
| ochKeysReused | |
| ochKeyUnavail | |

Table 3-4791 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| ochMissing | |
| ochPdi | |
| ochPwrUnstable | |
| ochTrailDup | |
| ochTrailUnknown | |
| ochUnknown | |
| ochUnknownOut | |
| oci | |
| ociOut | |
| ociTcm | |
| ocsAuditFail | |
| ocsAuditSuccess | |
| ocsDataFlt | |
| ocsDataRtrv | |
| ocsUnavail | |
| ocsUplinkDeleted | |
| oduAis | |
| oduAisEgress | |
| oduAisOut | |
| omsSSF | |
| openConnectionIndicationEgress | |
| opr | |
| oprIngress | |
| oprLossHigh | |
| oprLossLow | |
| oprOOR | |
| oprOut | |
| oprPwrHigh | |
| oprPwrLow | |
| oprTx | |
| oprUnachieve | |
| opticalParamErr | |
| OPTICALTEST | |

Table 3-4791 Condition (continued)

| Name | Value |
|---------------------------|-------|
| optIntBase | |
| optIntDet | |
| optIntSusp | |
| oscSsf | |
| OSNRMESC | |
| ospfAdj | |
| OTDRSCANFAIL | |
| OTDRSCANSUCCESS | |
| otmcpf | |
| otuAis | |
| ovrld | |
| PACKETCARDINIT | |
| payloadTypeMismatchEgress | |
| pcsGeneratorActive | |
| pdi | |
| pdiPauPdi | |
| PGFPGAFAIL1 | |
| PGFPGAFAIL2 | |
| PGFPGAFAIL3 | |
| PGFPGAFAIL4 | |
| PGFPGAFAIL5 | |
| PGFPGAINIT1 | |
| PGFPGAINIT2 | |
| PGFPGAINIT3 | |
| PGFPGAINIT4 | |
| PGFPGAINIT5 | |
| plm | |
| plmOduOut | |
| plmPauPlm | |
| ppsLos | |
| precdErr | |
| precdErrOut | |
| precdErrTopo | |

Table 3-4791 Condition (continued)

| Name | Value |
|-----------------|-------|
| prcdrErrTopoOut | |
| PTPFREERUN | |
| PTPGMDEGRADE | |
| PTPGMSWITCH | |
| PTPPATHSWITCH | |
| PTPPORTSWITCH | |
| PTPREFLOSS | |
| PTPREFUNSTABLE | |
| pwr | |
| pwrAdjComms | |
| pwrAdjFail | |
| pwrAdjFailAdd | |
| pwrAdjFailDrp | |
| pwrAdjReq | |
| pwrAdjReqAdd | |
| pwrAdjReqDrp | |
| pwrAlmp | |
| pwrEdfaMargin | |
| pwrFan | |
| pwrMargin | |
| pwrMaxGain | |
| pwrMgtOff | |
| pwrSusp | |
| pwrSuspOut | |
| pwrTiltParams | |
| pwrTiltSusp | |
| pwrUnbalance | |
| pwrUnbalanceOms | |
| ramanSup | |
| rcvrOptProg | |
| rdi | |
| rdiL | |
| readyToRevert | |

Table 3-4791 Condition (continued)

| Name | Value |
|----------------------|-------|
| REMOVEMOD | |
| replUnitMiss | |
| replUnitMissMOD | |
| reRouted | |
| restorationDisabled | |
| rfi | |
| rfiEgr | |
| rfiLmsRfi | |
| rfiPauRfi | |
| rmdCesChannelLPL | |
| rmdCesChannelNoTdmPl | |
| rmdCesChannelRPL | |
| rmdDiscoveredDevice | |
| rmdDNR | |
| rmdEQF | |
| rmdIfEFMLOP | |
| rmdIfLOS | |
| rmdIfMauANM | |
| rmdIfMauEQF | |
| rmdIfMauLOS | |
| rmdIfMauUNI | |
| rmdIfMauWUP | |
| rmdJbRecentered | |
| rmdMepLOC | |
| rmdMepMMG | |
| rmdMepRDI | |
| rmdMepUNL | |
| rmdMepUNM | |
| rmdMepUNP | |
| rmdNDF | |
| rmdNimLOF | |
| rmdPWR | |
| rmdTypeMismatch | |

Table 3-4791 Condition (continued)

| Name | Value |
|---------------------------|-------|
| rmdUnknownEcid | |
| rmdWDP | |
| rmdWrongDestMac | |
| routeNotPossible | |
| sapOperDown | |
| sapStateChng | |
| sapTlsMacAddrLimitAlarm | |
| sd | |
| sdegO | |
| seepScrub | |
| serverSignalFailureEgress | |
| sf | |
| sfMismatch | |
| sfpEOL | |
| sfpReceiverPwrOOR | |
| sfpTempOOR | |
| sfpTrmtPwrOOR | |
| sft | |
| SHELFINCON | |
| shelfInVoltHigh | |
| shelfInVoltLow | |
| SHELFINVOLTMAXCUR | |
| signalDegradeEgress | |
| SLCBOOTCONTCOM | |
| SLCCARDINIT | |
| SLCCLKSYNC | |
| SLCCONTCOM | |
| SLCDATAFLT | |
| SLCEQPTBOOT | |
| SLCMISMATCH | |
| SLCNOTINSERVICE | |
| slcr | |
| sltmSig | |

Table 3-4791 Condition (continued)

| Name | Value |
|------------------------|-------|
| SPIREADERROR | |
| spLoAdjFail | |
| srgDiversity | |
| srTca | |
| ssf | |
| ssfCltEgr | |
| ssfOdu | |
| ssfOduOut | |
| ssfOduTp | |
| ssfOtu | |
| SSFSECTION | |
| SSFSECTIONOUT | |
| ssfTcm | |
| subNodeUnreachable | |
| SUSPECTCLKFREQ | |
| svcOperDown | |
| svcStateChng | |
| svcTlsFwdTblFullAlarm | |
| svcTlsMfibTblFullAlarm | |
| swEqpt | |
| swftDwn | |
| swMtxMod | |
| swToSec | |
| swUpgCommit | |
| swUpgFail | |
| swUpgrade | |
| sync | |
| syncActRef | |
| syncClk | |
| syncClkFail | |
| syncClkFrng | |
| syncClkHldovr | |
| syncClkMode | |

Table 3-4791 Condition (continued)

| Name | Value |
|-----------------------|-------|
| syncClkUnit | |
| syncCommand | |
| syncEqpt | |
| syncIfTimingHoldover | |
| syncIfTimingRef1Alarm | |
| syncIfTimingRef2Alarm | |
| SYNCLOSS | |
| syncMode | |
| syncOos | |
| syncOosT4 | |
| syncRefFail | |
| syncRefUnEq | |
| syncStatChng | |
| syncSys | |
| syncSysOos | |
| syncT4Out | |
| sysBoot | |
| sysInit | |
| systemReady | |
| tBbeMs15Min | |
| tBbeMs1Day | |
| tBbeOdu15Min | |
| tBbeOdu15MinOut | |
| tBbeOdu1Day | |
| tBbeOdu1DayOut | |
| tBbeOtu15Min | |
| tBbeOtu1Day | |
| tBbeP15Min | |
| tBbeP1Day | |
| tBbePt15Min | |
| tBbePt1Day | |
| tBbeRs15Min | |
| tBbeRs1Day | |

Table 3-4791 Condition (continued)

| Name | Value |
|------------------|-------|
| tBbeRst15Min | |
| tBbeRst1Day | |
| tBbeTcm15Min | |
| tBbeTcm1Day | |
| tBerPostFec15min | |
| tBerPostFec1day | |
| tBerPreFec15min | |
| tBerPreFec1day | |
| tBiaesOtu15Min | |
| tBiaesOtu1Day | |
| tBiaesTcm15Min | |
| tBiaesTcm1Day | |
| tcmAis | |
| tCv15Min | |
| tCv1Day | |
| tCvPcs15Min | |
| tCvPcs1Day | |
| tCvPest15Min | |
| tCvPest1Day | |
| tCvs15Min | |
| tCvs1Day | |
| tCvst15Min | |
| tCvst1Day | |
| termOc192stm64 | |
| termOc312stm14 | |
| termOc48stm16 | |
| termOtu1 | |
| termOtu2 | |
| tEs15Min | |
| tEs1Day | |
| tEsL15Min | |
| tEsL1Day | |
| tEsMs15Min | |

Table 3-4791 Condition (continued)

| Name | Value |
|-----------------|-------|
| tEsMs1Day | |
| tEsOdu15Min | |
| tEsOdu15MinOut | |
| tEsOdu1Day | |
| tEsOdu1DayOut | |
| tEsOtu15Min | |
| tEsOtu1Day | |
| tEsP15Min | |
| tEsP1Day | |
| tEsPcs15Min | |
| tEsPcs1Day | |
| tEsPest15Min | |
| tEsPest1Day | |
| tEsPt15Min | |
| tEsPt1Day | |
| tEsRs15Min | |
| tEsRs1Day | |
| tEsRst15Min | |
| tEsRst1Day | |
| tEss15Min | |
| tEss1Day | |
| tEsst15Min | |
| tEsst1Day | |
| tEsTcm15Min | |
| tEsTcm1Day | |
| testMode | |
| tEthpkter15Min | |
| tEthpkter1Day | |
| tEthpktert15Min | |
| tEthpktert1Day | |
| tFebbeMs15Min | |
| tFebbeMs1Day | |
| tFebbeOdu15Min | |

Table 3-4791 Condition (continued)

| Name | Value |
|-------------------|-------|
| tFeBbeOdu15MinOut | |
| tFebbeOdu1Day | |
| tFeBbeOdu1DayOut | |
| tFebbeOtu15Min | |
| tFebbeOtu1Day | |
| tFebbeTcm15Min | |
| tFebbeTcm1Day | |
| tFecc15Min | |
| tFecc1Day | |
| tFecUbc15Min | |
| tFecUbc1Day | |
| tFecUbu15Min | |
| tFecUbu1Day | |
| tFeesMs15Min | |
| tFeesMs1Day | |
| tFeesOdu15Min | |
| tFeEsOdu15MinOut | |
| tFeesOdu1Day | |
| tFeEsOdu1DayOut | |
| tFeesOtu15Min | |
| tFeesOtu1Day | |
| tFeesTcm15Min | |
| tFeesTcm1Day | |
| tFesesMs15Min | |
| tFesesMs1Day | |
| tFesesOdu15Min | |
| tFeSesOdu15MinOut | |
| tFesesOdu1Day | |
| tFeSesOdu1DayOut | |
| tFesesOtu15Min | |
| tFesesOtu1Day | |
| tFesesTcm15Min | |
| tFesesTcm1Day | |

Table 3-4791 Condition (continued)

| Name | Value |
|-------------------|-------|
| tFeuasMs15Min | |
| tFeuasMs1Day | |
| tFeuasOdu15Min | |
| tFeUasOdu15MinOut | |
| tFeuasOdu1Day | |
| tFeUasOdu1DayOut | |
| tFeuasOtu15Min | |
| tFeuasOtu1Day | |
| tFeuasTcm15Min | |
| tFeuasTcm1Day | |
| tIaesOtu15Min | |
| tIaesOtu1Day | |
| tIaesTcm15Min | |
| tIaesTcm1Day | |
| tim | |
| timOdu | |
| timOduOut | |
| timTcm | |
| toDDEG | |
| toDLOS | |
| TODREFUNSTABLE | |
| tOprh15Min | |
| tOprh1Day | |
| tOprhLane1 | |
| tOprhLane10 | |
| tOprhLane2 | |
| tOprhLane3 | |
| tOprhLane4 | |
| tOprhLane5 | |
| tOprhLane6 | |
| tOprhLane7 | |
| tOprhLane8 | |
| tOprhLane9 | |

Table 3-4791 Condition (continued)

| Name | Value |
|-------------|-------|
| tOprl15Min | |
| tOprl1Day | |
| tOprlLane1 | |
| tOprlLane10 | |
| tOprlLane2 | |
| tOprlLane3 | |
| tOprlLane4 | |
| tOprlLane5 | |
| tOprlLane6 | |
| tOprlLane7 | |
| tOprlLane8 | |
| tOprlLane9 | |
| tOpth15Min | |
| tOpth1Day | |
| tOpthLane1 | |
| tOpthLane10 | |
| tOpthLane2 | |
| tOpthLane3 | |
| tOpthLane4 | |
| tOpthLane5 | |
| tOpthLane6 | |
| tOpthLane7 | |
| tOpthLane8 | |
| tOpthLane9 | |
| tOptl15Min | |
| tOptl1Day | |
| tOptlLane1 | |
| tOptlLane10 | |
| tOptlLane2 | |
| tOptlLane3 | |
| tOptlLane4 | |
| tOptlLane5 | |
| tOptlLane6 | |

Table 3-4791 Condition (continued)

| Name | Value |
|-------------------|-------|
| tOptlLane7 | |
| tOptlLane8 | |
| tOptlLane9 | |
| tPmonDmaBfd15Min | |
| tPmonDmaBfd1Day | |
| tPmonDmaffd15Min | |
| tPmonDmaffd1Day | |
| tPmonDmafFdv15Min | |
| tPmonDmafFdv1Day | |
| tPmonDmanfd15Min | |
| tPmonDmanfd1Day | |
| tPmonDmanFdv15Min | |
| tPmonDmanFdv1Day | |
| tPmonDmxBfd15Min | |
| tPmonDmxBfd1Day | |
| tPmonDmxffd15Min | |
| tPmonDmxffd1Day | |
| tPmonDmxFFdv15Min | |
| tPmonDmxFFdv1Day | |
| tPmonDmxnfd15Min | |
| tPmonDmxnfd1Day | |
| tPmonDmxnFdv15Min | |
| tPmonDmxnFdv1Day | |
| tPmonLmafflr15Min | |
| tPmonLmafflr1Day | |
| tPmonLmanflr15Min | |
| tPmonLmanflr1Day | |
| tPmonLmfhli15Min | |
| tPmonLmfhli1Day | |
| tPmonLmnhli15Min | |
| tPmonLmnhli1Day | |
| tPmonLmxfflr15Min | |
| tPmonLmxfflr1Day | |

Table 3-4791 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonLmxnflr15Min | |
| tPmonLmxnflr1Day | |
| tPmonPortHighCapacityOctets15Min | |
| tPmonPortHighCapacityOctets1Day | |
| tPmonPortHighCapacityPkts15Min | |
| tPmonPortHighCapacityPkts1Day | |
| tPmonPortIfInDiscards15Min | |
| tPmonPortIfInDiscards1Day | |
| tPmonPortIfInErrors15Min | |
| tPmonPortIfInErrors1Day | |
| tPmonPortIfInOctets15Min | |
| tPmonPortIfInOctets1Day | |
| tPmonPortIfInPackets | |
| tPmonPortIfInPackets15Min | |
| tPmonPortIfOutDiscards15Min | |
| tPmonPortIfOutDiscards1Day | |
| tPmonPortIfOutErrors15Min | |
| tPmonPortIfOutErrors1Day | |
| tPmonPortIfOutOctets15Min | |
| tPmonPortIfOutOctets1Day | |
| tPmonPortIfOutPackets15Min | |
| tPmonPortIfOutPackets1Day | |
| tPmonPortQueue1OctetsDropped15Min | |
| tPmonPortQueue1OctetsDropped1Day | |
| tPmonPortQueue1PktsDropped15Min | |
| tPmonPortQueue1PktsDropped1Day | |
| tPmonPortQueue2OctetsDropped15Min | |
| tPmonPortQueue2OctetsDropped1Day | |
| tPmonPortQueue2PktsDropped15Min | |
| tPmonPortQueue2PktsDropped1Day | |
| tPmonPortQueue3OctetsDropped15Min | |
| tPmonPortQueue3OctetsDropped1Day | |
| tPmonPortQueue3PktsDropped15Min | |

Table 3-4791 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortQueue3PktsDropped1Day | |
| tPmonPortQueue4OctetsDropped15Min | |
| tPmonPortQueue4OctetsDropped1Day | |
| tPmonPortQueue4PktsDropped15Min | |
| tPmonPortQueue4PktsDropped1Day | |
| tPmonPortQueue5OctetsDropped15Min | |
| tPmonPortQueue5OctetsDropped1Day | |
| tPmonPortQueue5PktsDropped15Min | |
| tPmonPortQueue5PktsDropped1Day | |
| tPmonPortQueue6OctetsDropped15Min | |
| tPmonPortQueue6OctetsDropped1Day | |
| tPmonPortQueue6PktsDropped15Min | |
| tPmonPortQueue6PktsDropped1Day | |
| tPmonPortQueue7OctetsDropped15Min | |
| tPmonPortQueue7OctetsDropped1Day | |
| tPmonPortQueue7PktsDropped15Min | |
| tPmonPortQueue7PktsDropped1Day | |
| tPmonPortQueue8OctetsDropped15Min | |
| tPmonPortQueue8OctetsDropped1Day | |
| tPmonPortQueue8PktsDropped15Min | |
| tPmonPortQueue8PktsDropped1Day | |
| tPmonSapIngressOctetsDropped15Min | |
| tPmonSapIngressOctetsDropped1Day | |
| tPmonSapIngressPktsDropped15Min | |
| tPmonSapIngressPktsDropped1Day | |
| tPmonSlmafflr15Min | |
| tPmonSlmafFlr1Day | |
| tPmonSlmafflrContinuous | |
| tPmonSlmanflr15Min | |
| tPmonSlmanFlr1Day | |
| tPmonSlmanflrContinuous | |
| tPmonSlmfhli15Min | |
| tPmonSlmfhli1Day | |

Table 3-4791 Condition (continued)

| Name | Value |
|------------------------------------|-------|
| tPmonSlmfhliContinuous | |
| tPmonSlmnhli15Min | |
| tPmonSlmnhli1Day | |
| tPmonSlmnhliContinuous | |
| tPmonSlmxfFlr1Day | |
| tPmonSlmxfflrContinuous | |
| tPmonSlmxnFlr1Day | |
| tPmonSlmxnflrContinuous | |
| tPostFec15Min | |
| tPostFec1Day | |
| tPreFec15Min | |
| tPreFec1Day | |
| trailTraceIdentifierMismatchEgress | |
| transferLogFL | |
| transferLogFT | |
| transferLogIP | |
| trmt | |
| trmtMOD | |
| TRUBRKROPEN | |
| tSefs15Min | |
| tSefs1Day | |
| tSefsPcs15Min | |
| tSefsPcs1Day | |
| tSefsPest15Min | |
| tSefsPest1Day | |
| tSefss15Min | |
| tSefss1Day | |
| tSefsst15Min | |
| tSefsst1Day | |
| tSes15Min | |
| tSes1Day | |
| tSesL15Min | |
| tSesL1Day | |

Table 3-4791 Condition (continued)

| Name | Value |
|-----------------|-------|
| tSesMs15Min | |
| tSesMs1Day | |
| tSesOdu15Min | |
| tSesOdu15MinOut | |
| tSesOdu1Day | |
| tSesOdu1DayOut | |
| tSesOtu15Min | |
| tSesOtu1Day | |
| tSesP15Min | |
| tSesP1Day | |
| tSesPcs15Min | |
| tSesPcs1Day | |
| tSesPest15Min | |
| tSesPest1Day | |
| tSesPt15Min | |
| tSesPt1Day | |
| tSesRs15Min | |
| tSesRs1Day | |
| tSesRst15Min | |
| tSesRst1Day | |
| tSess15Min | |
| tSess1Day | |
| tSesst15Min | |
| tSesst1Day | |
| tSesTcm15Min | |
| tSesTcm1Day | |
| tsMismatch | |
| tsMismatchOut | |
| tUasMs15Min | |
| tUasMs1Day | |
| tUasOdu15Min | |
| tUasOdu15MinOut | |
| tUasOdu1Day | |

Table 3-4791 Condition (continued)

| Name | Value |
|----------------|-------|
| tUasOdu1DayOut | |
| tUasOtu15Min | |
| tUasOtu1Day | |
| tUasP15Min | |
| tUasP1Day | |
| tUasPt15Min | |
| tUasPt1Day | |
| tUasRs15Min | |
| tUasRs1Day | |
| tUasRst15Min | |
| tUasRst1Day | |
| tUasTcm15Min | |
| tUasTcm1Day | |
| unexWkSet | |
| unknown | |
| unknownNotif | |
| unknownSfpXfp | |
| unL | |
| unM | |
| unMOrUnP | |
| unP | |
| unPr | |
| upm | |
| uruOchLos | |
| uruOmsRx | |
| uruOmsTx | |
| uruOtsLos | |
| uruOtsRx | |
| uruOtsTx | |
| uruOtu | |
| uruS | |
| usAis | |
| usAls | |

Table 3-4791 Condition (continued)

| Name | Value |
|------------------|-------|
| userEqptMismatch | |
| usFlt | |
| usIdle | |
| usLos | |
| usOchCollision | |
| usSFEber | |
| vcgDown | |
| vcgLoa | |
| vcgMap | |
| vcgSsf | |
| vcMfi | |
| voltage | |
| voltageHigh | |
| voltageLow | |
| vtsConnCreation | |
| vtsFdi | |
| vtsFdi1 | |
| vtsFdi10 | |
| vtsFdi11 | |
| vtsFdi12 | |
| vtsFdi13 | |
| vtsFdi14 | |
| vtsFdi15 | |
| vtsFdi16 | |
| vtsFdi17 | |
| vtsFdi18 | |
| vtsFdi19 | |
| vtsFdi2 | |
| vtsFdi20 | |
| vtsFdi21 | |
| vtsFdi22 | |
| vtsFdi23 | |
| vtsFdi24 | |

Table 3-4791 Condition (continued)

| Name | Value |
|----------|-------|
| vtsFdi25 | |
| vtsFdi26 | |
| vtsFdi27 | |
| vtsFdi28 | |
| vtsFdi29 | |
| vtsFdi3 | |
| vtsFdi30 | |
| vtsFdi31 | |
| vtsFdi32 | |
| vtsFdi4 | |
| vtsFdi5 | |
| vtsFdi6 | |
| vtsFdi7 | |
| vtsFdi8 | |
| vtsFdi9 | |
| vtsOci | |
| vtsOci1 | |
| vtsOci10 | |
| vtsOci11 | |
| vtsOci12 | |
| vtsOci13 | |
| vtsOci14 | |
| vtsOci15 | |
| vtsOci16 | |
| vtsOci17 | |
| vtsOci18 | |
| vtsOci19 | |
| vtsOci2 | |
| vtsOci20 | |
| vtsOci21 | |
| vtsOci22 | |
| vtsOci23 | |
| vtsOci24 | |

Table 3-4791 Condition (continued)

| Name | Value |
|-------------------|-------|
| vtsOci25 | |
| vtsOci26 | |
| vtsOci27 | |
| vtsOci28 | |
| vtsOci29 | |
| vtsOci3 | |
| vtsOci30 | |
| vtsOci31 | |
| vtsOci32 | |
| vtsOci4 | |
| vtsOci5 | |
| vtsOci6 | |
| vtsOci7 | |
| vtsOci8 | |
| vtsOci9 | |
| warnTca | |
| wkSwBk | |
| wkSwPr | |
| wkSwPrVTS1 | |
| wkSwPrVTS10 | |
| wkSwPrVTS2 | |
| wkSwPrVTS3 | |
| wkSwPrVTS4 | |
| wkSwPrVTS5 | |
| wkSwPrVTS6 | |
| wkSwPrVTS7 | |
| wkSwPrVTS8 | |
| wkSwPrVTS9 | |
| wtocmaPoutRanOsnr | |
| wtr | |

Default Severity**Table 3-4792 Default Severity**

| Name | Value |
|--------------------------|------------------|
| Description | Default severity |
| Displayed name | Default Severity |
| Mandatory on creation | yes |
| OSS name | defaultSeverity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

Override Severity**Table 3-4793 Override Severity**

| Name | Value |
|--------------------------|-------------------|
| Description | Override severity |
| Displayed name | Override Severity |
| OSS name | severity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |

Table 3-4793 Override Severity (continued)

| Name | Value |
|---------------|-------|
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

RMD Device ID**Table 3-4794 RMD Device ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | RMD Device ID |
| OSS name | deviceId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Rmd Channel Alarm Category parameters

Category

Table 3-4795 Category

| Name | Value |
|--------------------------|----------------------|
| Description | The trap entity type |
| Displayed name | Category |
| Mandatory on creation | yes |
| OSS name | alarmEntityType |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapEntityType |
| Enumerated types: | |
| 100GBE | |
| 10GBE | |
| 1GBE | |
| 40GBE | |
| ALL | |
| BITS | |
| CBR10G3 | |
| CBR2G5 | |
| CBRAR | |
| COM | |
| CPDPR | |
| CPLMP | |
| CPNEIGHBOR | |
| CPRSVP | |
| DBLINK | |
| DDR | |
| E1 | |
| ENV | |
| EQPT | |
| FC100 | |
| FC10G | |

Table 3-4795 Category (continued)

| Name | Value |
|--------------|-------|
| FC16G | |
| FC200 | |
| FC400 | |
| FC800 | |
| FE | |
| GMRENODE | |
| LAG | |
| LINEREF | |
| LOG | |
| LOODU | |
| LSP | |
| MEP | |
| NETIF | |
| OC12/STM4 | |
| OC192/STM64 | |
| OC3/STM1 | |
| OC48/STM16 | |
| OC768/STM256 | |
| OCH | |
| ODU0 | |
| ODU0TCM | |
| ODU1 | |
| ODU1F | |
| ODU1FTCM | |
| ODU1ODU0 | |
| ODU1ODU0TCM | |
| ODU1PTF | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2EODU0 | |
| ODU2EODU0TCM | |
| ODU2EODU1 | |

Table 3-4795 Category (continued)

| Name | Value |
|----------------|-------|
| ODU2EODU1TCM | |
| ODU2EODUF | |
| ODU2EODUFTCM | |
| ODU2ETCM | |
| ODU2ODU0 | |
| ODU2ODU0TCM | |
| ODU2ODU1 | |
| ODU2ODU1TCM | |
| ODU2ODUF | |
| ODU2ODUFTCM | |
| ODU2TCM | |
| ODU3 | |
| ODU3E | |
| ODU3E2 | |
| ODU3E2ODU0 | |
| ODU3E2ODU0TCM | |
| ODU3E2ODU1 | |
| ODU3E2ODU1TCM | |
| ODU3E2ODU2 | |
| ODU3E2ODU2E | |
| ODU3E2ODU2ETCM | |
| ODU3E2ODU2TCM | |
| ODU3E2ODUF | |
| ODU3E2ODUFTCM | |
| ODU3E2TCM | |
| ODU3EODU0 | |
| ODU3EODU0TCM | |
| ODU3EODU1 | |
| ODU3EODU1TCM | |
| ODU3EODU2 | |
| ODU3EODU2E | |
| ODU3EODU2ETCM | |
| ODU3EODU2TCM | |

Table 3-4795 Category (continued)

| Name | Value |
|---------------|-------|
| ODU3EODUF | |
| ODU3EODUFTCM | |
| ODU3ETCM | |
| ODU3ODU0 | |
| ODU3ODU0TCM | |
| ODU3ODU1 | |
| ODU3ODU1TCM | |
| ODU3ODU2 | |
| ODU3ODU2E | |
| ODU3ODU2ETCM | |
| ODU3ODU2TCM | |
| ODU3ODUF | |
| ODU3ODUFTCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4ODU0 | |
| ODU4ODU0TCM | |
| ODU4ODU1 | |
| ODU4ODU1F | |
| ODU4ODU1FTCM | |
| ODU4ODU1TCM | |
| ODU4ODU2 | |
| ODU4ODU2E | |
| ODU4ODU2ETCM | |
| ODU4ODU2TCM | |
| ODU4ODU3 | |
| ODU4ODU3E | |
| ODU4ODU3E2 | |
| ODU4ODU3E2TCM | |
| ODU4ODU3ETCM | |
| ODU4ODU3TCM | |
| ODU4ODUF | |
| ODU4ODUFTCM | |

Table 3-4795 Category (continued)

| Name | Value |
|--------------|-------|
| ODU4TCM | |
| ODUF | |
| ODUFTCM | |
| OFA | |
| OMS | |
| OPTSG | |
| OTNFAC | |
| OTS | |
| OTU | |
| OTU0 | |
| OTU1 | |
| OTU1F | |
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E | |
| OTU3E2 | |
| OTU4 | |
| OTUODU0 | |
| OTUODU0TCM | |
| OTUODU1 | |
| OTUODU1F | |
| OTUODU1TCM | |
| OTUODU2 | |
| OTUODU2E | |
| OTUODU2ETCM | |
| OTUODU2TCM | |
| OTUODU3 | |
| OTUODU3E | |
| OTUODU3E2 | |
| OTUODU3E2TCM | |
| OTUODU3ETCM | |
| OTUODU3TCM | |

Table 3-4795 Category (continued)

| Name | Value |
|--------------|-------|
| OTUODU4 | |
| OTUODU4TCM | |
| OTUOODU1FTCM | |
| PLK | |
| PM | |
| PTPCLOCK | |
| PTPPORT | |
| RMD | |
| RMDCESCHNNEL | |
| RMDIF | |
| RMDIFMAU | |
| RMDMEP | |
| RMDNIM | |
| SCLOCK | |
| SDR | |
| SESSION | |
| SRERP | |
| SRMEP | |
| SROAMSAACTL | |
| SRSAP | |
| SRSVC | |
| SYNC | |
| TELINK | |
| TIMING | |
| TOD | |
| TRU | |
| VTS | |

Condition**Table 3-4796 Condition**

| Name | Value |
|-------------|--------------------|
| Description | The trap condition |

Table 3-4796 Condition (continued)

| Name | Value |
|--------------------------|-----------------|
| Displayed name | Condition |
| Mandatory on creation | yes |
| OSS name | alarmCondition |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCondition |
| Enumerated types: | |
| acsFipsFailure | |
| aisLM | |
| aisLmsAis | |
| aisPauAis | |
| aisTcm | |
| alienEgrLOS | |
| allChanMiss | |
| allChanMissOut | |
| almRSync | |
| almRSyncEnd | |
| ampDisabled | |
| ampEol | |
| ANNOUNCELOSS | |
| apeInProgress | |
| APRFORCED | |
| aprInvalidTopo | |
| APRLIMITED | |
| aprLine | |
| aprNode | |
| aprOsc | |
| aprSwitch | |
| aprUnavail | |
| aprUnavailOsc | |
| apsB | |
| apsCm | |
| apsMm | |

Table 3-4796 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| apsNoRed | |
| arcIND | |
| asonTopo | |
| auAisP | |
| auLopP | |
| authFail | |
| autoReset | |
| autoSwTimRef | |
| autoSwTimRefT4 | |
| autoSyncSw | |
| b1Sd | |
| backupUnavail | |
| backwardDefectIndicationEgress | |
| BADCLKFREQ | |
| baseline | |
| bdi | |
| bdiOdu | |
| bdiOduOut | |
| bdiTcm | |
| binsRolled | |
| bitsAIS | |
| bitsLof | |
| bitsLos | |
| bitsMAN | |
| bkupCom | |
| boardEqpt | |
| brkTrip | |
| capBufr | |
| cardBoot | |
| CARDCLKOFFFREQ | |
| cardIdRcvd | |
| cardInBoot | |
| cardInit | |

Table 3-4796 Condition (continued)

| Name | Value |
|--------------------|-------|
| cardInitBcm | |
| cardInitFail | |
| cardInitNonBcm | |
| cardNotAllowed | |
| cardSanity | |
| cbr10G3RxLOS | |
| cbr10G3RxLSS | |
| ccActChg | |
| cfCapacityWarning | |
| cfmAisEvnt | |
| cfmDmTestComplete | |
| cfmFltEvnt | |
| cfmLbmTestComplete | |
| cfmLmTestComplete | |
| cfmLtmTestComplete | |
| cfmSImTestComplete | |
| change | |
| channelViolation | |
| chkBkplane | |
| ckm | |
| clearAllTcas | |
| colorViolation | |
| comm | |
| commDeg | |
| commDown | |
| configFail | |
| CONFIGMM | |
| contBus | |
| contCom | |
| contComm | |
| contEqpt | |
| contEqptSplit | |
| contr | |

Table 3-4796 Condition (continued)

| Name | Value |
|----------------|-------|
| contrDup | |
| contrenDgr | |
| contrenFail | |
| contrOut | |
| cpuPerformance | |
| crdInit | |
| crTca | |
| csf | |
| csfGfp | |
| CSFGFPOUT | |
| csfOduEgr | |
| csfOduOut | |
| dataErr | |
| dataFlt | |
| dbErr | |
| dbFl | |
| dbFt | |
| dbFull | |
| dbInvalid | |
| dbMemTrf | |
| dbUnsync | |
| dcConfigFail | |
| deg | |
| degOtu | |
| degOut | |
| degTcm | |
| DELAYRESLOSS | |
| DISCOVERMOD | |
| dormantUser | |
| dwAis | |
| dwLof | |
| dwLom | |
| dwSd | |

Table 3-4796 Condition (continued)

| Name | Value |
|-------------------|-------|
| dwSf | |
| e1AisEgr | |
| e1AisL | |
| e1Lof | |
| e1LofEgr | |
| e1Los | |
| e1NoCrc4M | |
| e1NoCRC4MEgr | |
| e1Rai | |
| e1RaiEgr | |
| ebero | |
| egressSSF | |
| envInput1Active | |
| envInput2Active | |
| envInput3Active | |
| envInput4Active | |
| envInput5Active | |
| envInput6Active | |
| envInput7Active | |
| envInput8Active | |
| eptUploadErr | |
| eqpt | |
| eqptCrypto | |
| eqptDgr | |
| eqptDgrMon | |
| eqptDgrOch | |
| eqptDgrOchOut | |
| eqptDgrOut | |
| eqptPort | |
| erpFwdStateChng | |
| ESCABLEMISMATCH1 | |
| ESCABLEMISMATCH10 | |
| ESCABLEMISMATCH11 | |

Table 3-4796 Condition (continued)

| Name | Value |
|-------------------------|-------|
| ESCABLEMISMATCH12 | |
| ESCABLEMISMATCH13 | |
| ESCABLEMISMATCH14 | |
| ESCABLEMISMATCH15 | |
| ESCABLEMISMATCH16 | |
| ESCABLEMISMATCH17 | |
| ESCABLEMISMATCH18 | |
| ESCABLEMISMATCH19 | |
| ESCABLEMISMATCH2 | |
| ESCABLEMISMATCH20 | |
| ESCABLEMISMATCH21 | |
| ESCABLEMISMATCH22 | |
| ESCABLEMISMATCH23 | |
| ESCABLEMISMATCH24 | |
| ESCABLEMISMATCH3 | |
| ESCABLEMISMATCH4 | |
| ESCABLEMISMATCH5 | |
| ESCABLEMISMATCH6 | |
| ESCABLEMISMATCH7 | |
| ESCABLEMISMATCH8 | |
| ESCABLEMISMATCH9 | |
| escLatchFail | |
| esm | |
| ethCSF | |
| ethRingPathProvMismatch | |
| etrMismatch | |
| etrMismatchMod | |
| excessLoad | |
| excessLoss | |
| facServ | |
| facTerm | |
| facTermDev | |
| facTermDgr | |

Table 3-4796 Condition (continued)

| Name | Value |
|----------------------|-------|
| fan32HRqd | |
| fanSpeed | |
| fanSpeedHigh | |
| fanSpeedLow | |
| fanSpeedMan | |
| farEndLos | |
| faulty | |
| fdi | |
| fdiClk | |
| feAls | |
| feasibilityViolation | |
| fecEcSd | |
| fecFail | |
| fecUbcSd | |
| feFlt | |
| feLfi | |
| feLos | |
| feLss | |
| fePortMismatch | |
| fePrLf | |
| feRfi | |
| fipsFailure | |
| fipsSwMismatch | |
| flt | |
| fpgaFail | |
| FPGAFAILNSA | |
| fpgaInit | |
| FPGAINIT1 | |
| FPGAINIT10 | |
| FPGAINIT2 | |
| FPGAINIT3 | |
| FPGAINIT4 | |
| FPGAINIT5 | |

Table 3-4796 Condition (continued)

| Name | Value |
|-----------------|-------|
| FPGAINIT6 | |
| FPGAINIT7 | |
| FPGAINIT8 | |
| FPGAINIT9 | |
| FPGAINITNSA1 | |
| FPGAINITNSA10 | |
| FPGAINITNSA2 | |
| FPGAINITNSA3 | |
| FPGAINITNSA4 | |
| FPGAINITNSA5 | |
| FPGAINITNSA6 | |
| FPGAINITNSA7 | |
| FPGAINITNSA8 | |
| FPGAINITNSA9 | |
| FPGAPRELOAD | |
| fpgaTimeout | |
| FPGATIMEOUTNSA | |
| frcdSwTimRef | |
| frcdSwTimRefT4 | |
| frcdWkSwBk | |
| frcdWkSwBkVTS1 | |
| frcdWkSwBkVTS10 | |
| frcdWkSwBkVTS2 | |
| frcdWkSwBkVTS3 | |
| frcdWkSwBkVTS4 | |
| frcdWkSwBkVTS5 | |
| frcdWkSwBkVTS6 | |
| frcdWkSwBkVTS7 | |
| frcdWkSwBkVTS8 | |
| frcdWkSwBkVTS9 | |
| frcdWkSwPr | |
| frcdWkSwPrVTS1 | |
| frcdWkSwPrVTS10 | |

Table 3-4796 Condition (continued)

| Name | Value |
|------------------------|-------|
| frcdWkSwPrVTS2 | |
| frcdWkSwPrVTS3 | |
| frcdWkSwPrVTS4 | |
| frcdWkSwPrVTS5 | |
| frcdWkSwPrVTS6 | |
| frcdWkSwPrVTS7 | |
| frcdWkSwPrVTS8 | |
| frcdWkSwPrVTS9 | |
| FRCRFCKSEL | |
| fmgSync | |
| FTD_ENCRYPT_15MIN | |
| FTD_ENCRYPT_1DAY | |
| FWMISMATCH | |
| fwPendingObsolete | |
| fwUpgradePending | |
| fwVersionNotDefault | |
| gfpLof | |
| GFPLOFOUT | |
| gfpSsf | |
| gfpUpm | |
| hdFail | |
| hdFull | |
| hiBer | |
| highGain | |
| hldOvrSync | |
| hpPlmP | |
| hpRdiP | |
| hpUneqP | |
| hwRevisionNotSupported | |
| igmpSnpgSrcLimitExceed | |
| imageNotReady | |
| incompatFan | |
| inhMsgPmRept | |

Table 3-4796 Condition (continued)

| Name | Value |
|--------------------------|-------|
| init | |
| inMigration | |
| INSERTMOD | |
| int | |
| intErr | |
| intrusion | |
| intrusionEvt | |
| intSft | |
| intTemp | |
| intTempHigh | |
| intTempLow | |
| intTempOpt | |
| invalidEgress | |
| invalidThreshold | |
| invalidThresholdOms | |
| invalidThresholdOts | |
| invalidTopo | |
| inventoryError | |
| keyDomainErr | |
| lagDeg | |
| lagLos | |
| LAGMEMBERPORTSTATECHANGE | |
| lagPortAddFailed | |
| LAGPORTADDSUCCESS | |
| LAGSTATECHANGE | |
| lagSubGrpSelect | |
| lanLfi | |
| lanLol | |
| lanLos | |
| lanRfi | |
| lanSf | |
| laserBackFacetOptPwrTca | |
| laserCoolingCurTca | |

Table 3-4796 Condition (continued)

| Name | Value |
|------------------------|-------|
| laserEOL | |
| laserOffLpbk | |
| lck | |
| lckOut | |
| lckTcm | |
| ledState | |
| lfd | |
| lfiEgr | |
| linkDiversity | |
| linkDown | |
| linkoamLoopDetected | |
| linkoamNonThresh | |
| linkoamPeerChng | |
| linkUp | |
| loam | |
| lockedIndicationEgress | |
| lockoutOfPr | |
| lockoutOfPrVTS1 | |
| lockoutOfPrVTS10 | |
| lockoutOfPrVTS2 | |
| lockoutOfPrVTS3 | |
| lockoutOfPrVTS4 | |
| lockoutOfPrVTS5 | |
| lockoutOfPrVTS6 | |
| lockoutOfPrVTS7 | |
| lockoutOfPrVTS8 | |
| lockoutOfPrVTS9 | |
| lockoutOfTimRef | |
| lockoutOfTimRefT4 | |
| lockoutToPr | |
| lof | |
| lofEgr | |
| lofLom | |

Table 3-4796 Condition (continued)

| Name | Value |
|-------------------|-------|
| lofLomOut | |
| lofO | |
| loGain | |
| logBuf90SecuLog | |
| logBufOvflSecuLog | |
| lol | |
| LOLA | |
| lopPauLop | |
| los | |
| losDcm | |
| losEdfa | |
| losLdSig | |
| losO | |
| losOamp | |
| losOcm | |
| losOms | |
| losOOut | |
| losOts | |
| losOut | |
| losP | |
| losPld | |
| lossOfLock | |
| lostClock | |
| lotOut | |
| lpbkLine | |
| lpbkTerm | |
| lspFailedApe | |
| lspFailedPre | |
| lspFailedTp | |
| lspFailedUnprot | |
| lspFailedXc | |
| lsrOutDgr | |
| lss | |

Table 3-4796 Condition (continued)

| Name | Value |
|----------------|-------|
| lssEgr | |
| ltcTcm | |
| man | |
| manLR | |
| manReset | |
| manSwTimRef | |
| manSwTimRefT4 | |
| manSwToInt | |
| manSwToPri | |
| manSwToSec | |
| manWkSwBk | |
| manWkSwBkVTS1 | |
| manWkSwBkVTS10 | |
| manWkSwBkVTS2 | |
| manWkSwBkVTS3 | |
| manWkSwBkVTS4 | |
| manWkSwBkVTS5 | |
| manWkSwBkVTS6 | |
| manWkSwBkVTS7 | |
| manWkSwBkVTS8 | |
| manWkSwBkVTS9 | |
| manWkSwPr | |
| manWkSwPrVTS1 | |
| manWkSwPrVTS10 | |
| manWkSwPrVTS2 | |
| manWkSwPrVTS3 | |
| manWkSwPrVTS4 | |
| manWkSwPrVTS5 | |
| manWkSwPrVTS6 | |
| manWkSwPrVTS7 | |
| manWkSwPrVTS8 | |
| manWkSwPrVTS9 | |
| mepAIS | |

Table 3-4796 Condition (continued)

| Name | Value |
|-------------------|-------|
| mepError | |
| mepLoc | |
| mepMacError | |
| mepMmg | |
| mepRemote | |
| mepXcon | |
| mirrorDestDisable | |
| mirrorDestEnable | |
| mirrorSrcDisable | |
| mirrorSrcEnable | |
| mismatch | |
| mismatchFiber | |
| mismatchSfpXfp | |
| missing | |
| mixedPFUsed | |
| mjTca | |
| mnTca | |
| mod | |
| modOutOOR | |
| msim | |
| mtcesurv | |
| mtcesurvDgr | |
| neAls | |
| neFlt | |
| neModeMismatch | |
| net | |
| netCraft | |
| neUnreachable | |
| nkm | |
| nodeDeg | |
| notUsed1 | |
| notUsed2 | |
| notUsed3 | |

Table 3-4796 Condition (continued)

| Name | Value |
|--------------------|-------|
| notUsed4 | |
| ntpChkSig | |
| ntpClkAdj | |
| ntpLor | |
| ntpOoSync | |
| nunvComm | |
| nunvConfig | |
| nunvIndetermined | |
| nunvReversion | |
| nunvTpBlocked | |
| nunvTransmission | |
| nvMismatch | |
| oaPumpBiasCurrHigh | |
| oaPumpTempHigh | |
| objCreated | |
| objDeleted | |
| ochCollision | |
| ochCollisionOut | |
| ochFdi | |
| ochIntErr | |
| ochKeyDup | |
| ochKeyOverlap | |
| ochKeysReused | |
| ochKeyUnavail | |
| ochMissing | |
| ochPdi | |
| ochPwrUnstable | |
| ochTrailDup | |
| ochTrailUnknown | |
| ochUnknown | |
| ochUnknownOut | |
| oci | |
| ociOut | |

Table 3-4796 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| ociTcm | |
| ocsAuditFail | |
| ocsAuditSuccess | |
| ocsDataFlt | |
| ocsDataRtrv | |
| ocsUnavail | |
| ocsUplinkDeleted | |
| oduAis | |
| oduAisEgress | |
| oduAisOut | |
| omsSSF | |
| openConnectionIndicationEgress | |
| opr | |
| oprIngress | |
| oprLossHigh | |
| oprLossLow | |
| oprOOR | |
| oprOut | |
| oprPwrHigh | |
| oprPwrLow | |
| oprTx | |
| oprUnachieve | |
| opticalParamErr | |
| OPTICALTEST | |
| optIntBase | |
| optIntDet | |
| optIntSusp | |
| oscSsf | |
| OSNRMESC | |
| ospfAdj | |
| OTDRSCANFAIL | |
| OTDRSCANSUCCESS | |
| otmcpf | |

Table 3-4796 Condition (continued)

| Name | Value |
|---------------------------|-------|
| otuAis | |
| ovrld | |
| PACKETCARDINIT | |
| payloadTypeMismatchEgress | |
| pcsGeneratorActive | |
| pdi | |
| pdiPauPdi | |
| PGFPGAFAIL1 | |
| PGFPGAFAIL2 | |
| PGFPGAFAIL3 | |
| PGFPGAFAIL4 | |
| PGFPGAFAIL5 | |
| PGFPGAINIT1 | |
| PGFPGAINIT2 | |
| PGFPGAINIT3 | |
| PGFPGAINIT4 | |
| PGFPGAINIT5 | |
| plm | |
| plmOduOut | |
| plmPauPlm | |
| ppsLos | |
| precdrErr | |
| precdrErrOut | |
| precdrErrTopo | |
| precdrErrTopoOut | |
| PTPFREERUN | |
| PTPGMDEGRADE | |
| PTPGMSWITCH | |
| PTPPATHSWITCH | |
| PTPPORTSWITCH | |
| PTPREFLOSS | |
| PTPREFUNSTABLE | |
| pwr | |

Table 3-4796 Condition (continued)

| Name | Value |
|---------------------|-------|
| pwrAdjComms | |
| pwrAdjFail | |
| pwrAdjFailAdd | |
| pwrAdjFailDrp | |
| pwrAdjReq | |
| pwrAdjReqAdd | |
| pwrAdjReqDrp | |
| pwrAlmp | |
| pwrEdfaMargin | |
| pwrFan | |
| pwrMargin | |
| pwrMaxGain | |
| pwrMgtOff | |
| pwrSusp | |
| pwrSuspOut | |
| pwrTiltParams | |
| pwrTiltSusp | |
| pwrUnbalance | |
| pwrUnbalanceOms | |
| ramanSup | |
| rcvrOptProg | |
| rdi | |
| rdiL | |
| readyToRevert | |
| REMOVEMOD | |
| replUnitMiss | |
| replUnitMissMOD | |
| reRouted | |
| restorationDisabled | |
| rfi | |
| rfiEgr | |
| rfiLmsRfi | |
| rfiPauRfi | |

Table 3-4796 Condition (continued)

| Name | Value |
|-------------------------|-------|
| rmdCesChannelLPL | |
| rmdCesChannelNoTdmPl | |
| rmdCesChannelRPL | |
| rmdDiscoveredDevice | |
| rmdDNR | |
| rmdEQF | |
| rmdIfEFMLOP | |
| rmdIfFLOS | |
| rmdIfMauANM | |
| rmdIfMauEQF | |
| rmdIfMauLOS | |
| rmdIfMauUNI | |
| rmdIfMauWUP | |
| rmdJbRecentered | |
| rmdMepLOC | |
| rmdMepMMG | |
| rmdMepRDI | |
| rmdMepUNL | |
| rmdMepUNM | |
| rmdMepUNP | |
| rmdNDF | |
| rmdNimLOF | |
| rmdPWR | |
| rmdTypeMismatch | |
| rmdUnknownEcid | |
| rmdWDP | |
| rmdWrongDestMac | |
| routeNotPossible | |
| sapOperDown | |
| sapStateChng | |
| sapTIsMacAddrLimitAlarm | |
| sd | |
| sdegO | |

Table 3-4796 Condition (continued)

| Name | Value |
|---------------------------|-------|
| seepScrub | |
| serverSignalFailureEgress | |
| sf | |
| sfMismatch | |
| sfpEOL | |
| sfpReceiverPwrOOR | |
| sfpTempOOR | |
| sfpTrmtPwrOOR | |
| sft | |
| SHELFINCON | |
| shelfInVoltHigh | |
| shelfInVoltLow | |
| SHELFINVOLTMAXCUR | |
| signalDegradeEgress | |
| SLCBOOTCONTCOM | |
| SLCCARDINIT | |
| SLCCLKSYNC | |
| SLCCONTCOM | |
| SLCDATAFLT | |
| SLCEQPTBOOT | |
| SLCMISMATCH | |
| SLCNOTINSERVICE | |
| sler | |
| sltmSig | |
| SPIREADERROR | |
| spLoAdjFail | |
| srgDiversity | |
| srTca | |
| ssf | |
| ssfClEgr | |
| ssfOdu | |
| ssfOduOut | |
| ssfOduTp | |

Table 3-4796 Condition (continued)

| Name | Value |
|------------------------|-------|
| ssfOtu | |
| SSFSECTION | |
| SSFSECTIONOUT | |
| ssfTcm | |
| subNodeUnreachable | |
| SUSPECTCLKFREQ | |
| svcOperDown | |
| svcStateChng | |
| svcTlsFwdTblFullAlarm | |
| svcTlsMfibTblFullAlarm | |
| swEqpt | |
| swftDwn | |
| swMtxMod | |
| swToSec | |
| swUpgCommit | |
| swUpgFail | |
| swUpgrade | |
| sync | |
| syncActRef | |
| syncClk | |
| syncClkFail | |
| syncClkFrng | |
| syncClkHldovr | |
| syncClkMode | |
| syncClkUnit | |
| syncCommand | |
| syncEqpt | |
| syncIfTimingHoldover | |
| syncIfTimingRef1Alarm | |
| syncIfTimingRef2Alarm | |
| SYNCLOSS | |
| syncMode | |
| syncOos | |

Table 3-4796 Condition (continued)

| Name | Value |
|------------------|-------|
| syncOosT4 | |
| syncRefFail | |
| syncRefUnEq | |
| syncStatChng | |
| syncSys | |
| syncSysOos | |
| syncT4Out | |
| sysBoot | |
| sysInit | |
| systemReady | |
| tBbeMs15Min | |
| tBbeMs1Day | |
| tBbeOdu15Min | |
| tBbeOdu15MinOut | |
| tBbeOdu1Day | |
| tBbeOdu1DayOut | |
| tBbeOtu15Min | |
| tBbeOtu1Day | |
| tBbeP15Min | |
| tBbeP1Day | |
| tBbePt15Min | |
| tBbePt1Day | |
| tBbeRs15Min | |
| tBbeRs1Day | |
| tBbeRst15Min | |
| tBbeRst1Day | |
| tBbeTcm15Min | |
| tBbeTcm1Day | |
| tBerPostFec15min | |
| tBerPostFec1day | |
| tBerPreFec15min | |
| tBerPreFec1day | |
| tBiaesOtu15Min | |

Table 3-4796 Condition (continued)

| Name | Value |
|----------------|-------|
| tBiaesOtu1Day | |
| tBiaesTcm15Min | |
| tBiaesTcm1Day | |
| tcmAis | |
| tCv15Min | |
| tCv1Day | |
| tCvPcs15Min | |
| tCvPcs1Day | |
| tCvPest15Min | |
| tCvPest1Day | |
| tCvs15Min | |
| tCvs1Day | |
| tCvst15Min | |
| tCvst1Day | |
| termOc192stm64 | |
| termOc312stm14 | |
| termOc48stm16 | |
| termOtu1 | |
| termOtu2 | |
| tEs15Min | |
| tEs1Day | |
| tEsL15Min | |
| tEsL1Day | |
| tEsMs15Min | |
| tEsMs1Day | |
| tEsOdu15Min | |
| tEsOdu15MinOut | |
| tEsOdu1Day | |
| tEsOdu1DayOut | |
| tEsOtu15Min | |
| tEsOtu1Day | |
| tEsP15Min | |
| tEsP1Day | |

Table 3-4796 Condition (continued)

| Name | Value |
|-------------------|-------|
| tEsPcs15Min | |
| tEsPcs1Day | |
| tEsPest15Min | |
| tEsPest1Day | |
| tEsPt15Min | |
| tEsPt1Day | |
| tEsRs15Min | |
| tEsRs1Day | |
| tEsRst15Min | |
| tEsRst1Day | |
| tEss15Min | |
| tEss1Day | |
| tEsst15Min | |
| tEsst1Day | |
| tEsTcm15Min | |
| tEsTcm1Day | |
| testMode | |
| tEthpkter15Min | |
| tEthpkter1Day | |
| tEthpktert15Min | |
| tEthpktert1Day | |
| tFebbeMs15Min | |
| tFebbeMs1Day | |
| tFebbeOdu15Min | |
| tFeBbeOdu15MinOut | |
| tFebbeOdu1Day | |
| tFeBbeOdu1DayOut | |
| tFebbeOtu15Min | |
| tFebbeOtu1Day | |
| tFebbeTcm15Min | |
| tFebbeTcm1Day | |
| tFecc15Min | |
| tFecc1Day | |

Table 3-4796 Condition (continued)

| Name | Value |
|-------------------|-------|
| tFecUbc15Min | |
| tFecUbc1Day | |
| tFecUbu15Min | |
| tFecUbu1Day | |
| tFeesMs15Min | |
| tFeesMs1Day | |
| tFeesOdu15Min | |
| tFeEsOdu15MinOut | |
| tFeesOdu1Day | |
| tFeEsOdu1DayOut | |
| tFeesOtu15Min | |
| tFeesOtu1Day | |
| tFeesTcm15Min | |
| tFeesTcm1Day | |
| tFesesMs15Min | |
| tFesesMs1Day | |
| tFesesOdu15Min | |
| tFeSesOdu15MinOut | |
| tFesesOdu1Day | |
| tFeSesOdu1DayOut | |
| tFesesOtu15Min | |
| tFesesOtu1Day | |
| tFesesTcm15Min | |
| tFesesTcm1Day | |
| tFeuasMs15Min | |
| tFeuasMs1Day | |
| tFeuasOdu15Min | |
| tFeUasOdu15MinOut | |
| tFeuasOdu1Day | |
| tFeUasOdu1DayOut | |
| tFeuasOtu15Min | |
| tFeuasOtu1Day | |
| tFeuasTcm15Min | |

Table 3-4796 Condition (continued)

| Name | Value |
|----------------|-------|
| tFeuasTcm1Day | |
| tIaesOtu15Min | |
| tIaesOtu1Day | |
| tIaesTcm15Min | |
| tIaesTcm1Day | |
| tim | |
| timOdu | |
| timOduOut | |
| timTcm | |
| toDDEG | |
| toDLOS | |
| TODREFUNSTABLE | |
| tOprh15Min | |
| tOprh1Day | |
| tOprhLane1 | |
| tOprhLane10 | |
| tOprhLane2 | |
| tOprhLane3 | |
| tOprhLane4 | |
| tOprhLane5 | |
| tOprhLane6 | |
| tOprhLane7 | |
| tOprhLane8 | |
| tOprhLane9 | |
| tOprl15Min | |
| tOprl1Day | |
| tOprlLane1 | |
| tOprlLane10 | |
| tOprlLane2 | |
| tOprlLane3 | |
| tOprlLane4 | |
| tOprlLane5 | |
| tOprlLane6 | |

Table 3-4796 Condition (continued)

| Name | Value |
|-------------------|-------|
| tOprlLane7 | |
| tOprlLane8 | |
| tOprlLane9 | |
| tOpth15Min | |
| tOpth1Day | |
| tOpthLane1 | |
| tOpthLane10 | |
| tOpthLane2 | |
| tOpthLane3 | |
| tOpthLane4 | |
| tOpthLane5 | |
| tOpthLane6 | |
| tOpthLane7 | |
| tOpthLane8 | |
| tOpthLane9 | |
| tOptl15Min | |
| tOptl1Day | |
| tOptlLane1 | |
| tOptlLane10 | |
| tOptlLane2 | |
| tOptlLane3 | |
| tOptlLane4 | |
| tOptlLane5 | |
| tOptlLane6 | |
| tOptlLane7 | |
| tOptlLane8 | |
| tOptlLane9 | |
| tPmonDmaBfd15Min | |
| tPmonDmaBfd1Day | |
| tPmonDmaffd15Min | |
| tPmonDmaffd1Day | |
| tPmonDmafFdv15Min | |
| tPmonDmafFdv1Day | |

Table 3-4796 Condition (continued)

| Name | Value |
|----------------------------------|-------|
| tPmonDmanfd15Min | |
| tPmonDmanfd1Day | |
| tPmonDmanFdv15Min | |
| tPmonDmanFdv1Day | |
| tPmonDmxBfd15Min | |
| tPmonDmxBfd1Day | |
| tPmonDmxffd15Min | |
| tPmonDmxffd1Day | |
| tPmonDmxfFdv15Min | |
| tPmonDmxfFdv1Day | |
| tPmonDmxnfd15Min | |
| tPmonDmxnfd1Day | |
| tPmonDmxnFdv15Min | |
| tPmonDmxnFdv1Day | |
| tPmonLmafflr15Min | |
| tPmonLmafflr1Day | |
| tPmonLmanflr15Min | |
| tPmonLmanflr1Day | |
| tPmonLmfhli15Min | |
| tPmonLmfhli1Day | |
| tPmonLmnhli15Min | |
| tPmonLmnhli1Day | |
| tPmonLmxfflr15Min | |
| tPmonLmxfflr1Day | |
| tPmonLmxnflr15Min | |
| tPmonLmxnflr1Day | |
| tPmonPortHighCapacityOctets15Min | |
| tPmonPortHighCapacityOctets1Day | |
| tPmonPortHighCapacityPkts15Min | |
| tPmonPortHighCapacityPkts1Day | |
| tPmonPortIfInDiscards15Min | |
| tPmonPortIfInDiscards1Day | |
| tPmonPortIfInErrors15Min | |

Table 3-4796 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortIfInErrors1Day | |
| tPmonPortIfInOctets15Min | |
| tPmonPortIfInOctets1Day | |
| tPmonPortIfInPackets | |
| tPmonPortIfInPackets15Min | |
| tPmonPortIfOutDiscards15Min | |
| tPmonPortIfOutDiscards1Day | |
| tPmonPortIfOutErrors15Min | |
| tPmonPortIfOutErrors1Day | |
| tPmonPortIfOutOctets15Min | |
| tPmonPortIfOutOctets1Day | |
| tPmonPortIfOutPackets15Min | |
| tPmonPortIfOutPackets1Day | |
| tPmonPortQueue1OctetsDropped15Min | |
| tPmonPortQueue1OctetsDropped1Day | |
| tPmonPortQueue1PktsDropped15Min | |
| tPmonPortQueue1PktsDropped1Day | |
| tPmonPortQueue2OctetsDropped15Min | |
| tPmonPortQueue2OctetsDropped1Day | |
| tPmonPortQueue2PktsDropped15Min | |
| tPmonPortQueue2PktsDropped1Day | |
| tPmonPortQueue3OctetsDropped15Min | |
| tPmonPortQueue3OctetsDropped1Day | |
| tPmonPortQueue3PktsDropped15Min | |
| tPmonPortQueue3PktsDropped1Day | |
| tPmonPortQueue4OctetsDropped15Min | |
| tPmonPortQueue4OctetsDropped1Day | |
| tPmonPortQueue4PktsDropped15Min | |
| tPmonPortQueue4PktsDropped1Day | |
| tPmonPortQueue5OctetsDropped15Min | |
| tPmonPortQueue5OctetsDropped1Day | |
| tPmonPortQueue5PktsDropped15Min | |
| tPmonPortQueue5PktsDropped1Day | |

Table 3-4796 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortQueue6OctetsDropped15Min | |
| tPmonPortQueue6OctetsDropped1Day | |
| tPmonPortQueue6PktsDropped15Min | |
| tPmonPortQueue6PktsDropped1Day | |
| tPmonPortQueue7OctetsDropped15Min | |
| tPmonPortQueue7OctetsDropped1Day | |
| tPmonPortQueue7PktsDropped15Min | |
| tPmonPortQueue7PktsDropped1Day | |
| tPmonPortQueue8OctetsDropped15Min | |
| tPmonPortQueue8OctetsDropped1Day | |
| tPmonPortQueue8PktsDropped15Min | |
| tPmonPortQueue8PktsDropped1Day | |
| tPmonSapIngressOctetsDropped15Min | |
| tPmonSapIngressOctetsDropped1Day | |
| tPmonSapIngressPktsDropped15Min | |
| tPmonSapIngressPktsDropped1Day | |
| tPmonSlmafflr15Min | |
| tPmonSlmafFlr1Day | |
| tPmonSlmafflrContinuous | |
| tPmonSlmanflr15Min | |
| tPmonSlmanFlr1Day | |
| tPmonSlmanflrContinuous | |
| tPmonSlmfhli15Min | |
| tPmonSlmfhli1Day | |
| tPmonSlmfhliContinuous | |
| tPmonSlmnhli15Min | |
| tPmonSlmnhli1Day | |
| tPmonSlmnhliContinuous | |
| tPmonSlmxfFlr1Day | |
| tPmonSlmxfflrContinuous | |
| tPmonSlmxnFlr1Day | |
| tPmonSlmxnflrContinuous | |
| tPostFec15Min | |

Table 3-4796 Condition (continued)

| Name | Value |
|------------------------------------|-------|
| tPostFec1Day | |
| tPreFec15Min | |
| tPreFec1Day | |
| trailTraceIdentifierMismatchEgress | |
| transferLogFL | |
| transferLogFT | |
| transferLogIP | |
| trmt | |
| trmtMOD | |
| TRUBRKROPEN | |
| tSefs15Min | |
| tSefs1Day | |
| tSefsPcs15Min | |
| tSefsPcs1Day | |
| tSefsPcst15Min | |
| tSefsPcst1Day | |
| tSefss15Min | |
| tSefss1Day | |
| tSefsst15Min | |
| tSefsst1Day | |
| tSes15Min | |
| tSes1Day | |
| tSesL15Min | |
| tSesL1Day | |
| tSesMs15Min | |
| tSesMs1Day | |
| tSesOdu15Min | |
| tSesOdu15MinOut | |
| tSesOdu1Day | |
| tSesOdu1DayOut | |
| tSesOtu15Min | |
| tSesOtu1Day | |
| tSesP15Min | |

Table 3-4796 Condition (continued)

| Name | Value |
|-----------------|-------|
| tSesP1Day | |
| tSesPcs15Min | |
| tSesPcs1Day | |
| tSesPcst15Min | |
| tSesPcst1Day | |
| tSesPt15Min | |
| tSesPt1Day | |
| tSesRs15Min | |
| tSesRs1Day | |
| tSesRst15Min | |
| tSesRst1Day | |
| tSess15Min | |
| tSess1Day | |
| tSesst15Min | |
| tSesst1Day | |
| tSesTcm15Min | |
| tSesTcm1Day | |
| tsMismatch | |
| tsMismatchOut | |
| tUasMs15Min | |
| tUasMs1Day | |
| tUasOdu15Min | |
| tUasOdu15MinOut | |
| tUasOdu1Day | |
| tUasOdu1DayOut | |
| tUasOtu15Min | |
| tUasOtu1Day | |
| tUasP15Min | |
| tUasP1Day | |
| tUasPt15Min | |
| tUasPt1Day | |
| tUasRs15Min | |
| tUasRs1Day | |

Table 3-4796 Condition (continued)

| Name | Value |
|------------------|-------|
| tUasRst15Min | |
| tUasRst1Day | |
| tUasTcm15Min | |
| tUasTcm1Day | |
| unexWkSet | |
| unknown | |
| unknownNotif | |
| unknownSfpXfp | |
| unL | |
| unM | |
| unMOrUnP | |
| unP | |
| unPr | |
| upm | |
| uruOchLos | |
| uruOmsRx | |
| uruOmsTx | |
| uruOtsLos | |
| uruOtsRx | |
| uruOtsTx | |
| uruOtu | |
| uruS | |
| usAis | |
| usAls | |
| userEqptMismatch | |
| usFlt | |
| usIdle | |
| usLos | |
| usOchCollision | |
| usSFEber | |
| vcgDown | |
| vcgLoa | |
| vcgMap | |

Table 3-4796 Condition (continued)

| Name | Value |
|-----------------|-------|
| vcgSsf | |
| vcMfi | |
| voltage | |
| voltageHigh | |
| voltageLow | |
| vtsConnCreation | |
| vtsFdi | |
| vtsFdi1 | |
| vtsFdi10 | |
| vtsFdi11 | |
| vtsFdi12 | |
| vtsFdi13 | |
| vtsFdi14 | |
| vtsFdi15 | |
| vtsFdi16 | |
| vtsFdi17 | |
| vtsFdi18 | |
| vtsFdi19 | |
| vtsFdi2 | |
| vtsFdi20 | |
| vtsFdi21 | |
| vtsFdi22 | |
| vtsFdi23 | |
| vtsFdi24 | |
| vtsFdi25 | |
| vtsFdi26 | |
| vtsFdi27 | |
| vtsFdi28 | |
| vtsFdi29 | |
| vtsFdi3 | |
| vtsFdi30 | |
| vtsFdi31 | |
| vtsFdi32 | |

Table 3-4796 Condition (continued)

| Name | Value |
|----------|-------|
| vtsFdi4 | |
| vtsFdi5 | |
| vtsFdi6 | |
| vtsFdi7 | |
| vtsFdi8 | |
| vtsFdi9 | |
| vtsOci | |
| vtsOci1 | |
| vtsOci10 | |
| vtsOci11 | |
| vtsOci12 | |
| vtsOci13 | |
| vtsOci14 | |
| vtsOci15 | |
| vtsOci16 | |
| vtsOci17 | |
| vtsOci18 | |
| vtsOci19 | |
| vtsOci2 | |
| vtsOci20 | |
| vtsOci21 | |
| vtsOci22 | |
| vtsOci23 | |
| vtsOci24 | |
| vtsOci25 | |
| vtsOci26 | |
| vtsOci27 | |
| vtsOci28 | |
| vtsOci29 | |
| vtsOci3 | |
| vtsOci30 | |
| vtsOci31 | |
| vtsOci32 | |

Table 3-4796 Condition (continued)

| Name | Value |
|-------------------|-------|
| vtsOci4 | |
| vtsOci5 | |
| vtsOci6 | |
| vtsOci7 | |
| vtsOci8 | |
| vtsOci9 | |
| warnTca | |
| wkSwBk | |
| wkSwPr | |
| wkSwPrVTS1 | |
| wkSwPrVTS10 | |
| wkSwPrVTS2 | |
| wkSwPrVTS3 | |
| wkSwPrVTS4 | |
| wkSwPrVTS5 | |
| wkSwPrVTS6 | |
| wkSwPrVTS7 | |
| wkSwPrVTS8 | |
| wkSwPrVTS9 | |
| wtocmaPoutRanOsnr | |
| wtr | |

Default Severity**Table 3-4797 Default Severity**

| Name | Value |
|-----------------------|------------------|
| Description | Default severity |
| Displayed name | Default Severity |
| Mandatory on creation | yes |
| OSS name | defaultSeverity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |

Table 3-4797 Default Severity (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

Override Severity

Table 3-4798 Override Severity

| Name | Value |
|--------------------------|-------------------|
| Description | Override severity |
| Displayed name | Override Severity |
| OSS name | severity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |

Table 3-4798 Override Severity (continued)

| Name | Value |
|--------------|-------|
| Security | |
| State Change | |
| Unknown | |
| Warning | |

RMD Channel ID**Table 3-4799 RMD Channel ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | RMD Channel ID |
| Mandatory on creation | yes |
| OSS name | channelNumber |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

RMD Device ID**Table 3-4800 RMD Device ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | RMD Device ID |
| OSS name | deviceId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Rmd Nim Alarm Category parameters

Category

Table 3-4801 Category

| Name | Value |
|--------------------------|----------------------|
| Description | The trap entity type |
| Displayed name | Category |
| Mandatory on creation | yes |
| OSS name | alarmEntityType |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapEntityType |
| Enumerated types: | |
| 100GBE | |
| 10GBE | |
| 1GBE | |
| 40GBE | |
| ALL | |
| BITS | |
| CBR10G3 | |
| CBR2G5 | |
| CBRAR | |
| COM | |
| CPDPR | |
| CPLMP | |
| CPNEIGHBOR | |
| CPRSVP | |
| DBLINK | |
| DDR | |
| E1 | |
| ENV | |
| EQPT | |
| FC100 | |
| FC10G | |

Table 3-4801 Category (continued)

| Name | Value |
|--------------|-------|
| FC16G | |
| FC200 | |
| FC400 | |
| FC800 | |
| FE | |
| GMRENODE | |
| LAG | |
| LINEREF | |
| LOG | |
| LOODU | |
| LSP | |
| MEP | |
| NETIF | |
| OC12/STM4 | |
| OC192/STM64 | |
| OC3/STM1 | |
| OC48/STM16 | |
| OC768/STM256 | |
| OCH | |
| ODU0 | |
| ODU0TCM | |
| ODU1 | |
| ODU1F | |
| ODU1FTCM | |
| ODU1ODU0 | |
| ODU1ODU0TCM | |
| ODU1PTF | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2EODU0 | |
| ODU2EODU0TCM | |
| ODU2EODU1 | |

Table 3-4801 Category (continued)

| Name | Value |
|----------------|-------|
| ODU2EODU1TCM | |
| ODU2EODUF | |
| ODU2EODUFTCM | |
| ODU2ETCM | |
| ODU2ODU0 | |
| ODU2ODU0TCM | |
| ODU2ODU1 | |
| ODU2ODU1TCM | |
| ODU2ODUF | |
| ODU2ODUFTCM | |
| ODU2TCM | |
| ODU3 | |
| ODU3E | |
| ODU3E2 | |
| ODU3E2ODU0 | |
| ODU3E2ODU0TCM | |
| ODU3E2ODU1 | |
| ODU3E2ODU1TCM | |
| ODU3E2ODU2 | |
| ODU3E2ODU2E | |
| ODU3E2ODU2ETCM | |
| ODU3E2ODU2TCM | |
| ODU3E2ODUF | |
| ODU3E2ODUFTCM | |
| ODU3E2TCM | |
| ODU3EODU0 | |
| ODU3EODU0TCM | |
| ODU3EODU1 | |
| ODU3EODU1TCM | |
| ODU3EODU2 | |
| ODU3EODU2E | |
| ODU3EODU2ETCM | |
| ODU3EODU2TCM | |

Table 3-4801 Category (continued)

| Name | Value |
|---------------|-------|
| ODU3EODUF | |
| ODU3EODUFTCM | |
| ODU3ETCM | |
| ODU3ODU0 | |
| ODU3ODU0TCM | |
| ODU3ODU1 | |
| ODU3ODU1TCM | |
| ODU3ODU2 | |
| ODU3ODU2E | |
| ODU3ODU2ETCM | |
| ODU3ODU2TCM | |
| ODU3ODUF | |
| ODU3ODUFTCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4ODU0 | |
| ODU4ODU0TCM | |
| ODU4ODU1 | |
| ODU4ODU1F | |
| ODU4ODU1FTCM | |
| ODU4ODU1TCM | |
| ODU4ODU2 | |
| ODU4ODU2E | |
| ODU4ODU2ETCM | |
| ODU4ODU2TCM | |
| ODU4ODU3 | |
| ODU4ODU3E | |
| ODU4ODU3E2 | |
| ODU4ODU3E2TCM | |
| ODU4ODU3ETCM | |
| ODU4ODU3TCM | |
| ODU4ODUF | |
| ODU4ODUFTCM | |

Table 3-4801 Category (continued)

| Name | Value |
|--------------|-------|
| ODU4TCM | |
| ODUF | |
| ODUFTCM | |
| OFA | |
| OMS | |
| OPTSG | |
| OTNFAC | |
| OTS | |
| OTU | |
| OTU0 | |
| OTU1 | |
| OTU1F | |
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E | |
| OTU3E2 | |
| OTU4 | |
| OTUODU0 | |
| OTUODU0TCM | |
| OTUODU1 | |
| OTUODU1F | |
| OTUODU1TCM | |
| OTUODU2 | |
| OTUODU2E | |
| OTUODU2ETCM | |
| OTUODU2TCM | |
| OTUODU3 | |
| OTUODU3E | |
| OTUODU3E2 | |
| OTUODU3E2TCM | |
| OTUODU3ETCM | |
| OTUODU3TCM | |

Table 3-4801 Category (continued)

| Name | Value |
|--------------|-------|
| OTUODU4 | |
| OTUODU4TCM | |
| OTUOODU1FTCM | |
| PLK | |
| PM | |
| PTPCLOCK | |
| PTPPORT | |
| RMD | |
| RMDCESCHNNEL | |
| RMDIF | |
| RMDIFMAU | |
| RMDMEP | |
| RMDNIM | |
| SCLOCK | |
| SDR | |
| SESSION | |
| SRERP | |
| SRMEP | |
| SROAMSAACTL | |
| SRSAP | |
| SRSVC | |
| SYNC | |
| TELINK | |
| TIMING | |
| TOD | |
| TRU | |
| VTS | |

Condition**Table 3-4802 Condition**

| Name | Value |
|-------------|--------------------|
| Description | The trap condition |

Table 3-4802 Condition (continued)

| Name | Value |
|--------------------------|-----------------|
| Displayed name | Condition |
| Mandatory on creation | yes |
| OSS name | alarmCondition |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCondition |
| Enumerated types: | |
| acsFipsFailure | |
| aisLM | |
| aisLmsAis | |
| aisPauAis | |
| aisTcm | |
| alienEgrLOS | |
| allChanMiss | |
| allChanMissOut | |
| almRSync | |
| almRSyncEnd | |
| ampDisabled | |
| ampEol | |
| ANNOUNCELOSS | |
| apeInProgress | |
| APRFORCED | |
| aprInvalidTopo | |
| APRLIMITED | |
| aprLine | |
| aprNode | |
| aprOsc | |
| aprSwitch | |
| aprUnavail | |
| aprUnavailOsc | |
| apsB | |
| apsCm | |
| apsMm | |

Table 3-4802 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| apsNoRed | |
| arcIND | |
| asonTopo | |
| auAisP | |
| auLopP | |
| authFail | |
| autoReset | |
| autoSwTimRef | |
| autoSwTimRefT4 | |
| autoSyncSw | |
| b1Sd | |
| backupUnavail | |
| backwardDefectIndicationEgress | |
| BADCLKFREQ | |
| baseline | |
| bdi | |
| bdiOdu | |
| bdiOduOut | |
| bdiTcm | |
| binsRolled | |
| bitsAIS | |
| bitsLof | |
| bitsLos | |
| bitsMAN | |
| bkupCom | |
| boardEqpt | |
| brkTrip | |
| capBufr | |
| cardBoot | |
| CARDCLKOFFFREQ | |
| cardIdRcvd | |
| cardInBoot | |
| cardInit | |

Table 3-4802 Condition (continued)

| Name | Value |
|--------------------|-------|
| cardInitBcm | |
| cardInitFail | |
| cardInitNonBcm | |
| cardNotAllowed | |
| cardSanity | |
| cbr10G3RxLOS | |
| cbr10G3RxLSS | |
| ccActChg | |
| cfCapacityWarning | |
| cfmAisEvnt | |
| cfmDmTestComplete | |
| cfmFltEvnt | |
| cfmLbmTestComplete | |
| cfmLmTestComplete | |
| cfmLtmTestComplete | |
| cfmSImTestComplete | |
| change | |
| channelViolation | |
| chkBkplane | |
| ckm | |
| clearAllTcas | |
| colorViolation | |
| comm | |
| commDeg | |
| commDown | |
| configFail | |
| CONFIGMM | |
| contBus | |
| contCom | |
| contComm | |
| contEqpt | |
| contEqptSplit | |
| contr | |

Table 3-4802 Condition (continued)

| Name | Value |
|----------------|-------|
| contrDup | |
| contrenDgr | |
| contrenFail | |
| contrOut | |
| cpuPerformance | |
| crdInit | |
| crTca | |
| csf | |
| csfGfp | |
| CSFGFPOUT | |
| csfOduEgr | |
| csfOduOut | |
| dataErr | |
| dataFlt | |
| dbErr | |
| dbFl | |
| dbFt | |
| dbFull | |
| dbInvalid | |
| dbMemTrf | |
| dbUnsync | |
| dcConfigFail | |
| deg | |
| degOtu | |
| degOut | |
| degTcm | |
| DELAYRESLOSS | |
| DISCOVERMOD | |
| dormantUser | |
| dwAis | |
| dwLof | |
| dwLom | |
| dwSd | |

Table 3-4802 Condition (continued)

| Name | Value |
|-------------------|-------|
| dwSf | |
| e1AisEgr | |
| e1AisL | |
| e1Lof | |
| e1LofEgr | |
| e1Los | |
| e1NoCrc4M | |
| e1NoCRC4MEgr | |
| e1Rai | |
| e1RaiEgr | |
| ebero | |
| egressSSF | |
| envInput1Active | |
| envInput2Active | |
| envInput3Active | |
| envInput4Active | |
| envInput5Active | |
| envInput6Active | |
| envInput7Active | |
| envInput8Active | |
| eptUploadErr | |
| eqpt | |
| eqptCrypto | |
| eqptDgr | |
| eqptDgrMon | |
| eqptDgrOch | |
| eqptDgrOchOut | |
| eqptDgrOut | |
| eqptPort | |
| erpFwdStateChng | |
| ESCABLEMISMATCH1 | |
| ESCABLEMISMATCH10 | |
| ESCABLEMISMATCH11 | |

Table 3-4802 Condition (continued)

| Name | Value |
|-------------------------|-------|
| ESCABLEMISMATCH12 | |
| ESCABLEMISMATCH13 | |
| ESCABLEMISMATCH14 | |
| ESCABLEMISMATCH15 | |
| ESCABLEMISMATCH16 | |
| ESCABLEMISMATCH17 | |
| ESCABLEMISMATCH18 | |
| ESCABLEMISMATCH19 | |
| ESCABLEMISMATCH2 | |
| ESCABLEMISMATCH20 | |
| ESCABLEMISMATCH21 | |
| ESCABLEMISMATCH22 | |
| ESCABLEMISMATCH23 | |
| ESCABLEMISMATCH24 | |
| ESCABLEMISMATCH3 | |
| ESCABLEMISMATCH4 | |
| ESCABLEMISMATCH5 | |
| ESCABLEMISMATCH6 | |
| ESCABLEMISMATCH7 | |
| ESCABLEMISMATCH8 | |
| ESCABLEMISMATCH9 | |
| escLatchFail | |
| esm | |
| ethCSF | |
| ethRingPathProvMismatch | |
| etrMismatch | |
| etrMismatchMod | |
| excessLoad | |
| excessLoss | |
| facServ | |
| facTerm | |
| facTermDev | |
| facTermDgr | |

Table 3-4802 Condition (continued)

| Name | Value |
|----------------------|-------|
| fan32HRqd | |
| fanSpeed | |
| fanSpeedHigh | |
| fanSpeedLow | |
| fanSpeedMan | |
| farEndLos | |
| faulty | |
| fdi | |
| fdiClt | |
| feAls | |
| feasibilityViolation | |
| fecEcSd | |
| fecFail | |
| fecUbcSd | |
| feFlt | |
| feLfi | |
| feLos | |
| feLss | |
| fePortMismatch | |
| fePrLf | |
| feRfi | |
| fipsFailure | |
| fipsSwMismatch | |
| flt | |
| fpgaFail | |
| FPGAFAILNSA | |
| fpgaInIt | |
| FPGAINIT1 | |
| FPGAINIT10 | |
| FPGAINIT2 | |
| FPGAINIT3 | |
| FPGAINIT4 | |
| FPGAINIT5 | |

Table 3-4802 Condition (continued)

| Name | Value |
|-----------------|-------|
| FPGAINIT6 | |
| FPGAINIT7 | |
| FPGAINIT8 | |
| FPGAINIT9 | |
| FPGAINITNSA1 | |
| FPGAINITNSA10 | |
| FPGAINITNSA2 | |
| FPGAINITNSA3 | |
| FPGAINITNSA4 | |
| FPGAINITNSA5 | |
| FPGAINITNSA6 | |
| FPGAINITNSA7 | |
| FPGAINITNSA8 | |
| FPGAINITNSA9 | |
| FPGAPRELOAD | |
| fpgaTimeout | |
| FPGATIMEOUTNSA | |
| frcdSwTimRef | |
| frcdSwTimRefT4 | |
| frcdWkSwBk | |
| frcdWkSwBkVTS1 | |
| frcdWkSwBkVTS10 | |
| frcdWkSwBkVTS2 | |
| frcdWkSwBkVTS3 | |
| frcdWkSwBkVTS4 | |
| frcdWkSwBkVTS5 | |
| frcdWkSwBkVTS6 | |
| frcdWkSwBkVTS7 | |
| frcdWkSwBkVTS8 | |
| frcdWkSwBkVTS9 | |
| frcdWkSwPr | |
| frcdWkSwPrVTS1 | |
| frcdWkSwPrVTS10 | |

Table 3-4802 Condition (continued)

| Name | Value |
|------------------------|-------|
| frcdWkSwPrVTS2 | |
| frcdWkSwPrVTS3 | |
| frcdWkSwPrVTS4 | |
| frcdWkSwPrVTS5 | |
| frcdWkSwPrVTS6 | |
| frcdWkSwPrVTS7 | |
| frcdWkSwPrVTS8 | |
| frcdWkSwPrVTS9 | |
| FRCRFCKSEL | |
| frngSync | |
| FTD_ENCRYPT_15MIN | |
| FTD_ENCRYPT_1DAY | |
| FWMISMATCH | |
| fwPendingObsolete | |
| fwUpgradePending | |
| fwVersionNotDefault | |
| gfpLof | |
| GFPLOFOUT | |
| gfpSsf | |
| gfpUpm | |
| hdFail | |
| hdFull | |
| hiBer | |
| highGain | |
| hldOvrSync | |
| hpPlmP | |
| hpRdiP | |
| hpUneqP | |
| hwRevisionNotSupported | |
| igmpSnpgSrcLimitExceed | |
| imageNotReady | |
| incompatFan | |
| inhMsgPmRept | |

Table 3-4802 Condition (continued)

| Name | Value |
|--------------------------|-------|
| init | |
| inMigration | |
| INSERTMOD | |
| int | |
| intErr | |
| intrusion | |
| intrusionEvt | |
| intSft | |
| intTemp | |
| intTempHigh | |
| intTempLow | |
| intTempOpt | |
| invalidEgress | |
| invalidThreshold | |
| invalidThresholdOms | |
| invalidThresholdOts | |
| invalidTopo | |
| inventoryError | |
| keyDomainErr | |
| lagDeg | |
| lagLos | |
| LAGMEMBERPORTSTATECHANGE | |
| lagPortAddFailed | |
| LAGPORTADDSUCCESS | |
| LAGSTATECHANGE | |
| lagSubGrpSelect | |
| lanLfi | |
| lanLol | |
| lanLos | |
| lanRfi | |
| lanSf | |
| laserBackFacetOptPwrTca | |
| laserCoolingCurTca | |

Table 3-4802 Condition (continued)

| Name | Value |
|------------------------|-------|
| laserEOL | |
| laserOffLpbk | |
| lck | |
| lckOut | |
| lckTcm | |
| ledState | |
| lfd | |
| lfiEgr | |
| linkDiversity | |
| linkDown | |
| linkoamLoopDetected | |
| linkoamNonThresh | |
| linkoamPeerChng | |
| linkUp | |
| loam | |
| lockedIndicationEgress | |
| lockoutOfPr | |
| lockoutOfPrVTS1 | |
| lockoutOfPrVTS10 | |
| lockoutOfPrVTS2 | |
| lockoutOfPrVTS3 | |
| lockoutOfPrVTS4 | |
| lockoutOfPrVTS5 | |
| lockoutOfPrVTS6 | |
| lockoutOfPrVTS7 | |
| lockoutOfPrVTS8 | |
| lockoutOfPrVTS9 | |
| lockoutOfTimRef | |
| lockoutOfTimRefT4 | |
| lockoutToPr | |
| lof | |
| lofEgr | |
| lofLom | |

Table 3-4802 Condition (continued)

| Name | Value |
|-------------------|-------|
| lofLomOut | |
| lofO | |
| loGain | |
| logBuf90SecuLog | |
| logBufOvflSecuLog | |
| lol | |
| LOLA | |
| lopPauLop | |
| los | |
| losDcm | |
| losEdfa | |
| losLdSig | |
| losO | |
| losOamp | |
| losOcm | |
| losOms | |
| losOOut | |
| losOts | |
| losOut | |
| losP | |
| losPld | |
| lossOfLock | |
| lostClock | |
| lotOut | |
| lpbkLine | |
| lpbkTerm | |
| lspFailedApe | |
| lspFailedPre | |
| lspFailedTp | |
| lspFailedUnprot | |
| lspFailedXc | |
| lsrOutDgr | |
| lss | |

Table 3-4802 Condition (continued)

| Name | Value |
|----------------|-------|
| lssEgr | |
| ltcTcm | |
| man | |
| manLR | |
| manReset | |
| manSwTimRef | |
| manSwTimRefT4 | |
| manSwToInt | |
| manSwToPri | |
| manSwToSec | |
| manWkSwBk | |
| manWkSwBkVTS1 | |
| manWkSwBkVTS10 | |
| manWkSwBkVTS2 | |
| manWkSwBkVTS3 | |
| manWkSwBkVTS4 | |
| manWkSwBkVTS5 | |
| manWkSwBkVTS6 | |
| manWkSwBkVTS7 | |
| manWkSwBkVTS8 | |
| manWkSwBkVTS9 | |
| manWkSwPr | |
| manWkSwPrVTS1 | |
| manWkSwPrVTS10 | |
| manWkSwPrVTS2 | |
| manWkSwPrVTS3 | |
| manWkSwPrVTS4 | |
| manWkSwPrVTS5 | |
| manWkSwPrVTS6 | |
| manWkSwPrVTS7 | |
| manWkSwPrVTS8 | |
| manWkSwPrVTS9 | |
| mepAIS | |

Table 3-4802 Condition (continued)

| Name | Value |
|-------------------|-------|
| mepError | |
| mepLoc | |
| mepMacError | |
| mepMmg | |
| mepRemote | |
| mepXcon | |
| mirrorDestDisable | |
| mirrorDestEnable | |
| mirrorSrcDisable | |
| mirrorSrcEnable | |
| mismatch | |
| mismatchFiber | |
| mismatchSfpXfp | |
| missing | |
| mixedPFUsed | |
| mjTca | |
| mnTca | |
| mod | |
| modOutOOR | |
| msim | |
| mtcesurv | |
| mtcesurvDgr | |
| neAls | |
| neFlt | |
| neModeMismatch | |
| net | |
| netCraft | |
| neUnreachable | |
| nkm | |
| nodeDeg | |
| notUsed1 | |
| notUsed2 | |
| notUsed3 | |

Table 3-4802 Condition (continued)

| Name | Value |
|--------------------|-------|
| notUsed4 | |
| ntpChkSig | |
| ntpClkAdj | |
| ntpLor | |
| ntpOoSync | |
| nunvComm | |
| nunvConfig | |
| nunvIndetermined | |
| nunvReversion | |
| nunvTpBlocked | |
| nunvTransmission | |
| nvMismatch | |
| oaPumpBiasCurrHigh | |
| oaPumpTempHigh | |
| objCreated | |
| objDeleted | |
| ochCollision | |
| ochCollisionOut | |
| ochFdi | |
| ochIntErr | |
| ochKeyDup | |
| ochKeyOverlap | |
| ochKeysReused | |
| ochKeyUnavail | |
| ochMissing | |
| ochPdi | |
| ochPwrUnstable | |
| ochTrailDup | |
| ochTrailUnknown | |
| ochUnknown | |
| ochUnknownOut | |
| oci | |
| ociOut | |

Table 3-4802 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| ociTcm | |
| ocsAuditFail | |
| ocsAuditSuccess | |
| ocsDataFlt | |
| ocsDataRtrv | |
| ocsUnavail | |
| ocsUplinkDeleted | |
| oduAis | |
| oduAisEgress | |
| oduAisOut | |
| omsSSF | |
| openConnectionIndicationEgress | |
| opr | |
| oprIngress | |
| oprLossHigh | |
| oprLossLow | |
| oprOOR | |
| oprOut | |
| oprPwrHigh | |
| oprPwrLow | |
| oprTx | |
| oprUnachieve | |
| opticalParamErr | |
| OPTICALTEST | |
| optIntBase | |
| optIntDet | |
| optIntSusp | |
| oscSsf | |
| OSNRMESC | |
| ospfAdj | |
| OTDRSCANFAIL | |
| OTDRSCANSUCCESS | |
| otmcpf | |

Table 3-4802 Condition (continued)

| Name | Value |
|---------------------------|-------|
| otuAis | |
| ovrld | |
| PACKETCARDINIT | |
| payloadTypeMismatchEgress | |
| pcsGeneratorActive | |
| pdi | |
| pdiPauPdi | |
| PGFPGAFAIL1 | |
| PGFPGAFAIL2 | |
| PGFPGAFAIL3 | |
| PGFPGAFAIL4 | |
| PGFPGAFAIL5 | |
| PGFPGAINIT1 | |
| PGFPGAINIT2 | |
| PGFPGAINIT3 | |
| PGFPGAINIT4 | |
| PGFPGAINIT5 | |
| plm | |
| plmOduOut | |
| plmPauPlm | |
| ppsLos | |
| precrErr | |
| precrErrOut | |
| precrErrTopo | |
| precrErrTopoOut | |
| PTPFREERUN | |
| PTPGMDEGRADE | |
| PTPGMSWITCH | |
| PTPPATHSWITCH | |
| PTPPORTSWITCH | |
| PTPREFLOSS | |
| PTPREFUNSTABLE | |
| pwr | |

Table 3-4802 Condition (continued)

| Name | Value |
|---------------------|-------|
| pwrAdjComms | |
| pwrAdjFail | |
| pwrAdjFailAdd | |
| pwrAdjFailDrp | |
| pwrAdjReq | |
| pwrAdjReqAdd | |
| pwrAdjReqDrp | |
| pwrAlmp | |
| pwrEdfaMargin | |
| pwrFan | |
| pwrMargin | |
| pwrMaxGain | |
| pwrMgtOff | |
| pwrSusp | |
| pwrSuspOut | |
| pwrTiltParams | |
| pwrTiltSusp | |
| pwrUnbalance | |
| pwrUnbalanceOms | |
| ramanSup | |
| rcvrOptProg | |
| rdi | |
| rdiL | |
| readyToRevert | |
| REMOVEMOD | |
| replUnitMiss | |
| replUnitMissMOD | |
| reRouted | |
| restorationDisabled | |
| rfi | |
| rfiEgr | |
| rfiLmsRfi | |
| rfiPauRfi | |

Table 3-4802 Condition (continued)

| Name | Value |
|-------------------------|-------|
| rmdCesChannelLPL | |
| rmdCesChannelNoTdmPl | |
| rmdCesChannelRPL | |
| rmdDiscoveredDevice | |
| rmdDNR | |
| rmdEQF | |
| rmdIfEFMLOP | |
| rmdIfLOS | |
| rmdIfMauANM | |
| rmdIfMauEQF | |
| rmdIfMauLOS | |
| rmdIfMauUNI | |
| rmdIfMauWUP | |
| rmdJbRecentered | |
| rmdMepLOC | |
| rmdMepMMG | |
| rmdMepRDI | |
| rmdMepUNL | |
| rmdMepUNM | |
| rmdMepUNP | |
| rmdNDF | |
| rmdNimLOF | |
| rmdPWR | |
| rmdTypeMismatch | |
| rmdUnknownEcid | |
| rmdWDP | |
| rmdWrongDestMac | |
| routeNotPossible | |
| sapOperDown | |
| sapStateChng | |
| sapTlsMacAddrLimitAlarm | |
| sd | |
| sdegO | |

Table 3-4802 Condition (continued)

| Name | Value |
|---------------------------|-------|
| seepScrub | |
| serverSignalFailureEgress | |
| sf | |
| sfMismatch | |
| sfpEOL | |
| sfpReceiverPwrOOR | |
| sfpTempOOR | |
| sfpTrmtPwrOOR | |
| sft | |
| SHELFINCON | |
| shelfInVoltHigh | |
| shelfInVoltLow | |
| SHELFINVOLTMAXCUR | |
| signalDegradeEgress | |
| SLCBOOTCONTCOM | |
| SLCCARDINIT | |
| SLCCLKSYNC | |
| SLCCONTCOM | |
| SLCDATAFLT | |
| SLCEQPTBOOT | |
| SLCMISMATCH | |
| SLCNOTINSERVICE | |
| slcr | |
| sltmSig | |
| SPIREADERROR | |
| spLoAdjFail | |
| srgDiversity | |
| srTca | |
| ssf | |
| ssfClEgr | |
| ssfOdu | |
| ssfOduOut | |
| ssfOduTp | |

Table 3-4802 Condition (continued)

| Name | Value |
|------------------------|-------|
| ssfOtu | |
| SSFSECTION | |
| SSFSECTIONOUT | |
| ssfTcm | |
| subNodeUnreachable | |
| SUSPECTCLKFREQ | |
| svcOperDown | |
| svcStateChng | |
| svcTlsFwdTblFullAlarm | |
| svcTlsMfibTblFullAlarm | |
| swEqpt | |
| swftDwn | |
| swMtxMod | |
| swToSec | |
| swUpgCommit | |
| swUpgFail | |
| swUpgrade | |
| sync | |
| syncActRef | |
| syncClk | |
| syncClkFail | |
| syncClkFrng | |
| syncClkHldovr | |
| syncClkMode | |
| syncClkUnit | |
| syncCommand | |
| syncEqpt | |
| syncIfTimingHoldover | |
| syncIfTimingRef1Alarm | |
| syncIfTimingRef2Alarm | |
| SYNCLOSS | |
| syncMode | |
| syncOos | |

Table 3-4802 Condition (continued)

| Name | Value |
|------------------|-------|
| syncOosT4 | |
| syncRefFail | |
| syncRefUnEq | |
| syncStatChng | |
| syncSys | |
| syncSysOos | |
| syncT4Out | |
| sysBoot | |
| sysInit | |
| systemReady | |
| tBbeMs15Min | |
| tBbeMs1Day | |
| tBbeOdu15Min | |
| tBbeOdu15MinOut | |
| tBbeOdu1Day | |
| tBbeOdu1DayOut | |
| tBbeOtu15Min | |
| tBbeOtu1Day | |
| tBbeP15Min | |
| tBbeP1Day | |
| tBbePt15Min | |
| tBbePt1Day | |
| tBbeRs15Min | |
| tBbeRs1Day | |
| tBbeRst15Min | |
| tBbeRst1Day | |
| tBbeTcm15Min | |
| tBbeTcm1Day | |
| tBerPostFec15min | |
| tBerPostFec1day | |
| tBerPreFec15min | |
| tBerPreFec1day | |
| tBiaesOtu15Min | |

Table 3-4802 Condition (continued)

| Name | Value |
|----------------|-------|
| tBiaesOtu1Day | |
| tBiaesTcm15Min | |
| tBiaesTcm1Day | |
| tcmAis | |
| tCv15Min | |
| tCv1Day | |
| tCvPcs15Min | |
| tCvPcs1Day | |
| tCvPest15Min | |
| tCvPest1Day | |
| tCvs15Min | |
| tCvs1Day | |
| tCvst15Min | |
| tCvst1Day | |
| termOc192stm64 | |
| termOc312stm14 | |
| termOc48stm16 | |
| termOtu1 | |
| termOtu2 | |
| tEs15Min | |
| tEs1Day | |
| tEsL15Min | |
| tEsL1Day | |
| tEsMs15Min | |
| tEsMs1Day | |
| tEsOdu15Min | |
| tEsOdu15MinOut | |
| tEsOdu1Day | |
| tEsOdu1DayOut | |
| tEsOtu15Min | |
| tEsOtu1Day | |
| tEsP15Min | |
| tEsP1Day | |

Table 3-4802 Condition (continued)

| Name | Value |
|-------------------|-------|
| tEsPcs15Min | |
| tEsPcs1Day | |
| tEsPest15Min | |
| tEsPest1Day | |
| tEsPt15Min | |
| tEsPt1Day | |
| tEsRs15Min | |
| tEsRs1Day | |
| tEsRst15Min | |
| tEsRst1Day | |
| tEss15Min | |
| tEss1Day | |
| tEsst15Min | |
| tEsst1Day | |
| tEsTcm15Min | |
| tEsTcm1Day | |
| testMode | |
| tEthpkter15Min | |
| tEthpkter1Day | |
| tEthpktert15Min | |
| tEthpktert1Day | |
| tFebbeMs15Min | |
| tFebbeMs1Day | |
| tFebbeOdu15Min | |
| tFeBbeOdu15MinOut | |
| tFebbeOdu1Day | |
| tFeBbeOdu1DayOut | |
| tFebbeOtu15Min | |
| tFebbeOtu1Day | |
| tFebbeTcm15Min | |
| tFebbeTcm1Day | |
| tFecc15Min | |
| tFecc1Day | |

Table 3-4802 Condition (continued)

| Name | Value |
|-------------------|-------|
| tFecUbc15Min | |
| tFecUbc1Day | |
| tFecUbu15Min | |
| tFecUbu1Day | |
| tFeesMs15Min | |
| tFeesMs1Day | |
| tFeesOdu15Min | |
| tFeEsOdu15MinOut | |
| tFeesOdu1Day | |
| tFeEsOdu1DayOut | |
| tFeesOtu15Min | |
| tFeesOtu1Day | |
| tFeesTcm15Min | |
| tFeesTcm1Day | |
| tFesesMs15Min | |
| tFesesMs1Day | |
| tFesesOdu15Min | |
| tFeSesOdu15MinOut | |
| tFesesOdu1Day | |
| tFeSesOdu1DayOut | |
| tFesesOtu15Min | |
| tFesesOtu1Day | |
| tFesesTcm15Min | |
| tFesesTcm1Day | |
| tFeuasMs15Min | |
| tFeuasMs1Day | |
| tFeuasOdu15Min | |
| tFeUasOdu15MinOut | |
| tFeuasOdu1Day | |
| tFeUasOdu1DayOut | |
| tFeuasOtu15Min | |
| tFeuasOtu1Day | |
| tFeuasTcm15Min | |

Table 3-4802 Condition (continued)

| Name | Value |
|----------------|-------|
| tFeuasTcm1Day | |
| tIaesOtu15Min | |
| tIaesOtu1Day | |
| tIaesTcm15Min | |
| tIaesTcm1Day | |
| tim | |
| timOdu | |
| timOduOut | |
| timTcm | |
| toDDEG | |
| toDLOS | |
| TODREFUNSTABLE | |
| tOprh15Min | |
| tOprh1Day | |
| tOprhLane1 | |
| tOprhLane10 | |
| tOprhLane2 | |
| tOprhLane3 | |
| tOprhLane4 | |
| tOprhLane5 | |
| tOprhLane6 | |
| tOprhLane7 | |
| tOprhLane8 | |
| tOprhLane9 | |
| tOprl15Min | |
| tOprl1Day | |
| tOprlLane1 | |
| tOprlLane10 | |
| tOprlLane2 | |
| tOprlLane3 | |
| tOprlLane4 | |
| tOprlLane5 | |
| tOprlLane6 | |

Table 3-4802 Condition (continued)

| Name | Value |
|-------------------|-------|
| tOprlLane7 | |
| tOprlLane8 | |
| tOprlLane9 | |
| tOpth15Min | |
| tOpth1Day | |
| tOpthLane1 | |
| tOpthLane10 | |
| tOpthLane2 | |
| tOpthLane3 | |
| tOpthLane4 | |
| tOpthLane5 | |
| tOpthLane6 | |
| tOpthLane7 | |
| tOpthLane8 | |
| tOpthLane9 | |
| tOptl15Min | |
| tOptl1Day | |
| tOptlLane1 | |
| tOptlLane10 | |
| tOptlLane2 | |
| tOptlLane3 | |
| tOptlLane4 | |
| tOptlLane5 | |
| tOptlLane6 | |
| tOptlLane7 | |
| tOptlLane8 | |
| tOptlLane9 | |
| tPmonDmaBfd15Min | |
| tPmonDmaBfd1Day | |
| tPmonDmaffd15Min | |
| tPmonDmaffd1Day | |
| tPmonDmafFdv15Min | |
| tPmonDmafFdv1Day | |

Table 3-4802 Condition (continued)

| Name | Value |
|----------------------------------|-------|
| tPmonDmanfd15Min | |
| tPmonDmanfd1Day | |
| tPmonDmanFdv15Min | |
| tPmonDmanFdv1Day | |
| tPmonDmxBfd15Min | |
| tPmonDmxBfd1Day | |
| tPmonDmxffd15Min | |
| tPmonDmxffd1Day | |
| tPmonDmxfFdv15Min | |
| tPmonDmxfFdv1Day | |
| tPmonDmxnfd15Min | |
| tPmonDmxnfd1Day | |
| tPmonDmxnFdv15Min | |
| tPmonDmxnFdv1Day | |
| tPmonLmafflr15Min | |
| tPmonLmafflr1Day | |
| tPmonLmanflr15Min | |
| tPmonLmanflr1Day | |
| tPmonLmfhli15Min | |
| tPmonLmfhli1Day | |
| tPmonLmnhli15Min | |
| tPmonLmnhli1Day | |
| tPmonLmxfflr15Min | |
| tPmonLmxfflr1Day | |
| tPmonLmxnflr15Min | |
| tPmonLmxnflr1Day | |
| tPmonPortHighCapacityOctets15Min | |
| tPmonPortHighCapacityOctets1Day | |
| tPmonPortHighCapacityPkts15Min | |
| tPmonPortHighCapacityPkts1Day | |
| tPmonPortIfInDiscards15Min | |
| tPmonPortIfInDiscards1Day | |
| tPmonPortIfInErrors15Min | |

Table 3-4802 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortIfInErrors1Day | |
| tPmonPortIfInOctets15Min | |
| tPmonPortIfInOctets1Day | |
| tPmonPortIfInPackets | |
| tPmonPortIfInPackets15Min | |
| tPmonPortIfOutDiscards15Min | |
| tPmonPortIfOutDiscards1Day | |
| tPmonPortIfOutErrors15Min | |
| tPmonPortIfOutErrors1Day | |
| tPmonPortIfOutOctets15Min | |
| tPmonPortIfOutOctets1Day | |
| tPmonPortIfOutPackets15Min | |
| tPmonPortIfOutPackets1Day | |
| tPmonPortQueue1OctetsDropped15Min | |
| tPmonPortQueue1OctetsDropped1Day | |
| tPmonPortQueue1PktsDropped15Min | |
| tPmonPortQueue1PktsDropped1Day | |
| tPmonPortQueue2OctetsDropped15Min | |
| tPmonPortQueue2OctetsDropped1Day | |
| tPmonPortQueue2PktsDropped15Min | |
| tPmonPortQueue2PktsDropped1Day | |
| tPmonPortQueue3OctetsDropped15Min | |
| tPmonPortQueue3OctetsDropped1Day | |
| tPmonPortQueue3PktsDropped15Min | |
| tPmonPortQueue3PktsDropped1Day | |
| tPmonPortQueue4OctetsDropped15Min | |
| tPmonPortQueue4OctetsDropped1Day | |
| tPmonPortQueue4PktsDropped15Min | |
| tPmonPortQueue4PktsDropped1Day | |
| tPmonPortQueue5OctetsDropped15Min | |
| tPmonPortQueue5OctetsDropped1Day | |
| tPmonPortQueue5PktsDropped15Min | |
| tPmonPortQueue5PktsDropped1Day | |

Table 3-4802 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortQueue6OctetsDropped15Min | |
| tPmonPortQueue6OctetsDropped1Day | |
| tPmonPortQueue6PktsDropped15Min | |
| tPmonPortQueue6PktsDropped1Day | |
| tPmonPortQueue7OctetsDropped15Min | |
| tPmonPortQueue7OctetsDropped1Day | |
| tPmonPortQueue7PktsDropped15Min | |
| tPmonPortQueue7PktsDropped1Day | |
| tPmonPortQueue8OctetsDropped15Min | |
| tPmonPortQueue8OctetsDropped1Day | |
| tPmonPortQueue8PktsDropped15Min | |
| tPmonPortQueue8PktsDropped1Day | |
| tPmonSapIngressOctetsDropped15Min | |
| tPmonSapIngressOctetsDropped1Day | |
| tPmonSapIngressPktsDropped15Min | |
| tPmonSapIngressPktsDropped1Day | |
| tPmonSlmafflr15Min | |
| tPmonSlmafFlr1Day | |
| tPmonSlmafflrContinuous | |
| tPmonSlmanflr15Min | |
| tPmonSlmanFlr1Day | |
| tPmonSlmanflrContinuous | |
| tPmonSlmfhli15Min | |
| tPmonSlmfhli1Day | |
| tPmonSlmfhliContinuous | |
| tPmonSlmnhli15Min | |
| tPmonSlmnhli1Day | |
| tPmonSlmnhliContinuous | |
| tPmonSlmxfFlr1Day | |
| tPmonSlmxfflrContinuous | |
| tPmonSlmxnFlr1Day | |
| tPmonSlmxnflrContinuous | |
| tPostFec15Min | |

Table 3-4802 Condition (continued)

| Name | Value |
|------------------------------------|-------|
| tPostFec1Day | |
| tPreFec15Min | |
| tPreFec1Day | |
| trailTraceIdentifierMismatchEgress | |
| transferLogFL | |
| transferLogFT | |
| transferLogIP | |
| trmt | |
| trmtMOD | |
| TRUBRKROPEN | |
| tSefs15Min | |
| tSefs1Day | |
| tSefsPcs15Min | |
| tSefsPcs1Day | |
| tSefsPcst15Min | |
| tSefsPcst1Day | |
| tSefss15Min | |
| tSefss1Day | |
| tSefsst15Min | |
| tSefsst1Day | |
| tSes15Min | |
| tSes1Day | |
| tSesL15Min | |
| tSesL1Day | |
| tSesMs15Min | |
| tSesMs1Day | |
| tSesOdu15Min | |
| tSesOdu15MinOut | |
| tSesOdu1Day | |
| tSesOdu1DayOut | |
| tSesOtu15Min | |
| tSesOtu1Day | |
| tSesP15Min | |

Table 3-4802 Condition (continued)

| Name | Value |
|-----------------|-------|
| tSesP1Day | |
| tSesPcs15Min | |
| tSesPcs1Day | |
| tSesPcst15Min | |
| tSesPcst1Day | |
| tSesPt15Min | |
| tSesPt1Day | |
| tSesRs15Min | |
| tSesRs1Day | |
| tSesRst15Min | |
| tSesRst1Day | |
| tSess15Min | |
| tSess1Day | |
| tSesst15Min | |
| tSesst1Day | |
| tSesTcm15Min | |
| tSesTcm1Day | |
| tsMismatch | |
| tsMismatchOut | |
| tUasMs15Min | |
| tUasMs1Day | |
| tUasOdu15Min | |
| tUasOdu15MinOut | |
| tUasOdu1Day | |
| tUasOdu1DayOut | |
| tUasOtu15Min | |
| tUasOtu1Day | |
| tUasP15Min | |
| tUasP1Day | |
| tUasPt15Min | |
| tUasPt1Day | |
| tUasRs15Min | |
| tUasRs1Day | |

Table 3-4802 Condition (continued)

| Name | Value |
|------------------|-------|
| tUasRst15Min | |
| tUasRst1Day | |
| tUasTcm15Min | |
| tUasTcm1Day | |
| unexWkSet | |
| unknown | |
| unknownNotif | |
| unknownSfpXfp | |
| unL | |
| unM | |
| unMOrUnP | |
| unP | |
| unPr | |
| upm | |
| uruOchLos | |
| uruOmsRx | |
| uruOmsTx | |
| uruOtsLos | |
| uruOtsRx | |
| uruOtsTx | |
| uruOtu | |
| uruS | |
| usAis | |
| usAls | |
| userEqptMismatch | |
| usFlt | |
| usIdle | |
| usLos | |
| usOchCollision | |
| usSFEber | |
| vcgDown | |
| vcgLoa | |
| vcgMap | |

Table 3-4802 Condition (continued)

| Name | Value |
|-----------------|-------|
| vcgSsf | |
| vcMfi | |
| voltage | |
| voltageHigh | |
| voltageLow | |
| vtsConnCreation | |
| vtsFdi | |
| vtsFdi1 | |
| vtsFdi10 | |
| vtsFdi11 | |
| vtsFdi12 | |
| vtsFdi13 | |
| vtsFdi14 | |
| vtsFdi15 | |
| vtsFdi16 | |
| vtsFdi17 | |
| vtsFdi18 | |
| vtsFdi19 | |
| vtsFdi2 | |
| vtsFdi20 | |
| vtsFdi21 | |
| vtsFdi22 | |
| vtsFdi23 | |
| vtsFdi24 | |
| vtsFdi25 | |
| vtsFdi26 | |
| vtsFdi27 | |
| vtsFdi28 | |
| vtsFdi29 | |
| vtsFdi3 | |
| vtsFdi30 | |
| vtsFdi31 | |
| vtsFdi32 | |

Table 3-4802 Condition (continued)

| Name | Value |
|----------|-------|
| vtsFdi4 | |
| vtsFdi5 | |
| vtsFdi6 | |
| vtsFdi7 | |
| vtsFdi8 | |
| vtsFdi9 | |
| vtsOci | |
| vtsOci1 | |
| vtsOci10 | |
| vtsOci11 | |
| vtsOci12 | |
| vtsOci13 | |
| vtsOci14 | |
| vtsOci15 | |
| vtsOci16 | |
| vtsOci17 | |
| vtsOci18 | |
| vtsOci19 | |
| vtsOci2 | |
| vtsOci20 | |
| vtsOci21 | |
| vtsOci22 | |
| vtsOci23 | |
| vtsOci24 | |
| vtsOci25 | |
| vtsOci26 | |
| vtsOci27 | |
| vtsOci28 | |
| vtsOci29 | |
| vtsOci3 | |
| vtsOci30 | |
| vtsOci31 | |
| vtsOci32 | |

Table 3-4802 Condition (continued)

| Name | Value |
|-------------------|-------|
| vtsOci4 | |
| vtsOci5 | |
| vtsOci6 | |
| vtsOci7 | |
| vtsOci8 | |
| vtsOci9 | |
| warnTca | |
| wkSwBk | |
| wkSwPr | |
| wkSwPrVTS1 | |
| wkSwPrVTS10 | |
| wkSwPrVTS2 | |
| wkSwPrVTS3 | |
| wkSwPrVTS4 | |
| wkSwPrVTS5 | |
| wkSwPrVTS6 | |
| wkSwPrVTS7 | |
| wkSwPrVTS8 | |
| wkSwPrVTS9 | |
| wtocmaPoutRanOsnr | |
| wtr | |

Default Severity**Table 3-4803 Default Severity**

| Name | Value |
|-----------------------|------------------|
| Description | Default severity |
| Displayed name | Default Severity |
| Mandatory on creation | yes |
| OSS name | defaultSeverity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |

Table 3-4803 Default Severity (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

Nim Direction**Table 3-4804 Nim Direction**

| Name | Value |
|--------------------------|-----------------|
| Displayed name | Nim Direction |
| Mandatory on creation | yes |
| OSS name | nimDirection |
| Read-only | no |
| Tab Panel | General General |
| Type | NimDirection |
| Enumerated types: | |
| RX | |
| TX | |

Override Severity**Table 3-4805 Override Severity**

| Name | Value |
|-------------|-------------------|
| Description | Override severity |

Table 3-4805 Override Severity (continued)

| Name | Value |
|--------------------------|-------------------|
| Displayed name | Override Severity |
| OSS name | severity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

RMD Device ID**Table 3-4806 RMD Device ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | RMD Device ID |
| OSS name | deviceId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

RMD Port ID**Table 3-4807 RMD Port ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | RMD Port ID |
| OSS name | portIndex |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Rmd Port Alarm Category parameters**Category****Table 3-4808 Category**

| Name | Value |
|--------------------------|----------------------|
| Description | The trap entity type |
| Displayed name | Category |
| Mandatory on creation | yes |
| OSS name | alarmEntityType |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapEntityType |
| Enumerated types: | |
| 100GBE | |
| 10GBE | |
| 1GBE | |
| 40GBE | |
| ALL | |
| BITS | |
| CBR10G3 | |
| CBR2G5 | |
| CBRAR | |
| COM | |

Table 3-4808 Category (continued)

| Name | Value |
|--------------|-------|
| CPDPR | |
| CPLMP | |
| CPNEIGHBOR | |
| CPRSVP | |
| DBLINK | |
| DDR | |
| E1 | |
| ENV | |
| EQPT | |
| FC100 | |
| FC10G | |
| FC16G | |
| FC200 | |
| FC400 | |
| FC800 | |
| FE | |
| GMRENODE | |
| LAG | |
| LINEREF | |
| LOG | |
| LOODU | |
| LSP | |
| MEP | |
| NETIF | |
| OC12/STM4 | |
| OC192/STM64 | |
| OC3/STM1 | |
| OC48/STM16 | |
| OC768/STM256 | |
| OCH | |
| ODU0 | |
| ODU0TCM | |
| ODU1 | |

Table 3-4808 Category (continued)

| Name | Value |
|----------------|-------|
| ODU1F | |
| ODU1FTCM | |
| ODU1ODU0 | |
| ODU1ODU0TCM | |
| ODU1PTF | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2EODU0 | |
| ODU2EODU0TCM | |
| ODU2EODU1 | |
| ODU2EODU1TCM | |
| ODU2EODUF | |
| ODU2EODUFTCM | |
| ODU2ETCM | |
| ODU2ODU0 | |
| ODU2ODU0TCM | |
| ODU2ODU1 | |
| ODU2ODU1TCM | |
| ODU2ODUF | |
| ODU2ODUFTCM | |
| ODU2TCM | |
| ODU3 | |
| ODU3E | |
| ODU3E2 | |
| ODU3E2ODU0 | |
| ODU3E2ODU0TCM | |
| ODU3E2ODU1 | |
| ODU3E2ODU1TCM | |
| ODU3E2ODU2 | |
| ODU3E2ODU2E | |
| ODU3E2ODU2ETCM | |
| ODU3E2ODU2TCM | |

Table 3-4808 Category (continued)

| Name | Value |
|---------------|-------|
| ODU3E2ODUF | |
| ODU3E2ODUFTCM | |
| ODU3E2TCM | |
| ODU3EODU0 | |
| ODU3EODU0TCM | |
| ODU3EODU1 | |
| ODU3EODU1TCM | |
| ODU3EODU2 | |
| ODU3EODU2E | |
| ODU3EODU2ETCM | |
| ODU3EODU2TCM | |
| ODU3EODUF | |
| ODU3EODUFTCM | |
| ODU3ETCM | |
| ODU3ODU0 | |
| ODU3ODU0TCM | |
| ODU3ODU1 | |
| ODU3ODU1TCM | |
| ODU3ODU2 | |
| ODU3ODU2E | |
| ODU3ODU2ETCM | |
| ODU3ODU2TCM | |
| ODU3ODUF | |
| ODU3ODUFTCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4ODU0 | |
| ODU4ODU0TCM | |
| ODU4ODU1 | |
| ODU4ODU1F | |
| ODU4ODU1FTCM | |
| ODU4ODU1TCM | |
| ODU4ODU2 | |

Table 3-4808 Category (continued)

| Name | Value |
|---------------|-------|
| ODU4ODU2E | |
| ODU4ODU2ETCM | |
| ODU4ODU2TCM | |
| ODU4ODU3 | |
| ODU4ODU3E | |
| ODU4ODU3E2 | |
| ODU4ODU3E2TCM | |
| ODU4ODU3ETCM | |
| ODU4ODU3TCM | |
| ODU4ODUF | |
| ODU4ODUFTCM | |
| ODU4TCM | |
| ODUF | |
| ODUFTCM | |
| OFA | |
| OMS | |
| OPTSG | |
| OTNFAC | |
| OTS | |
| OTU | |
| OTU0 | |
| OTU1 | |
| OTU1F | |
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E | |
| OTU3E2 | |
| OTU4 | |
| OTUODU0 | |
| OTUODU0TCM | |
| OTUODU1 | |
| OTUODU1F | |

Table 3-4808 Category (continued)

| Name | Value |
|--------------|-------|
| OTUODU1TCM | |
| OTUODU2 | |
| OTUODU2E | |
| OTUODU2ETCM | |
| OTUODU2TCM | |
| OTUODU3 | |
| OTUODU3E | |
| OTUODU3E2 | |
| OTUODU3E2TCM | |
| OTUODU3ETCM | |
| OTUODU3TCM | |
| OTUODU4 | |
| OTUODU4TCM | |
| OTUODU1FTCM | |
| PLK | |
| PM | |
| PTPCLOCK | |
| PTPPORT | |
| RMD | |
| RMDCESCHNNEL | |
| RMDIF | |
| RMDIFMAU | |
| RMDMEP | |
| RMDNIM | |
| SCLOCK | |
| SDR | |
| SESSION | |
| SRERP | |
| SRMEP | |
| SROAMSACTL | |
| SRSAP | |
| SRSVC | |
| SYNC | |

Table 3-4808 Category (continued)

| Name | Value |
|--------|-------|
| TELINK | |
| TIMING | |
| TOD | |
| TRU | |
| VTS | |

Condition**Table 3-4809 Condition**

| Name | Value |
|--------------------------|--------------------|
| Description | The trap condition |
| Displayed name | Condition |
| Mandatory on creation | yes |
| OSS name | alarmCondition |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCondition |
| Enumerated types: | |
| aesFipsFailure | |
| aisLM | |
| aisLmsAis | |
| aisPauAis | |
| aisTcm | |
| alienEgrLOS | |
| allChanMiss | |
| allChanMissOut | |
| almRSync | |
| almRSyncEnd | |
| ampDisabled | |
| ampEol | |
| ANNOUNCELOSS | |
| apeInProgress | |
| APRFORCED | |

Table 3-4809 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| aprInvalidTopo | |
| APRLIMITED | |
| aprLine | |
| aprNode | |
| aprOsc | |
| aprSwitch | |
| aprUnavail | |
| aprUnavailOsc | |
| apsB | |
| apsCm | |
| apsMm | |
| apsNoRed | |
| arcIND | |
| asonTopo | |
| auAisP | |
| auLopP | |
| authFail | |
| autoReset | |
| autoSwTimRef | |
| autoSwTimRefT4 | |
| autoSyncSw | |
| b1Sd | |
| backupUnavail | |
| backwardDefectIndicationEgress | |
| BADCLKFREQ | |
| baseline | |
| bdi | |
| bdiOdu | |
| bdiOduOut | |
| bdiTcm | |
| binsRolled | |
| bitsAIS | |
| bitsLof | |

Table 3-4809 Condition (continued)

| Name | Value |
|--------------------|-------|
| bitsLos | |
| bitsMAN | |
| bkupCom | |
| boardEqpt | |
| brkTrip | |
| capBufr | |
| cardBoot | |
| CARDCLKOFFFREQ | |
| cardIdRcvd | |
| cardInBoot | |
| cardInit | |
| cardInitBcm | |
| cardInitFail | |
| cardInitNonBcm | |
| cardNotAllowed | |
| cardSanity | |
| cbr10G3RxLOS | |
| cbr10G3RxLSS | |
| ccActChg | |
| cfCapacityWarning | |
| cfmAisEvnt | |
| cfmDmTestComplete | |
| cfmFltEvnt | |
| cfmLbmTestComplete | |
| cfmLmTestComplete | |
| cfmLtmTestComplete | |
| cfmSlmTestComplete | |
| change | |
| channelViolation | |
| chkBkplane | |
| ckm | |
| clearAllTcas | |
| colorViolation | |

Table 3-4809 Condition (continued)

| Name | Value |
|----------------|-------|
| comm | |
| commDeg | |
| commDown | |
| configFail | |
| CONFIGMM | |
| contBus | |
| contCom | |
| contComm | |
| contEqpt | |
| contEqptSplit | |
| contr | |
| contrDup | |
| contrenDgr | |
| contrenFail | |
| contrOut | |
| cpuPerformance | |
| crdInit | |
| crTca | |
| csf | |
| csfGfp | |
| CSFGFPOUT | |
| csfOduEgr | |
| csfOduOut | |
| dataErr | |
| dataFlt | |
| dbErr | |
| dbFl | |
| dbFt | |
| dbFull | |
| dbInvalid | |
| dbMemTrf | |
| dbUnsync | |
| dcConfigFail | |

Table 3-4809 Condition (continued)

| Name | Value |
|-----------------|-------|
| deg | |
| degOtu | |
| degOut | |
| degTcm | |
| DELAYRESLOSS | |
| DISCOVERMOD | |
| dormantUser | |
| dwAis | |
| dwLof | |
| dwLom | |
| dwSd | |
| dwSf | |
| e1AisEgr | |
| e1AisL | |
| e1Lof | |
| e1LofEgr | |
| e1Los | |
| e1NoCrc4M | |
| e1NoCRC4MEgr | |
| e1Rai | |
| e1RaiEgr | |
| ebero | |
| egressSSF | |
| envInput1Active | |
| envInput2Active | |
| envInput3Active | |
| envInput4Active | |
| envInput5Active | |
| envInput6Active | |
| envInput7Active | |
| envInput8Active | |
| eptUploadErr | |
| eqpt | |

Table 3-4809 Condition (continued)

| Name | Value |
|-------------------|-------|
| eqptCrypto | |
| eqptDgr | |
| eqptDgrMon | |
| eqptDgrOch | |
| eqptDgrOchOut | |
| eqptDgrOut | |
| eqptPort | |
| erpFwdStateChng | |
| ESCABLEMISMATCH1 | |
| ESCABLEMISMATCH10 | |
| ESCABLEMISMATCH11 | |
| ESCABLEMISMATCH12 | |
| ESCABLEMISMATCH13 | |
| ESCABLEMISMATCH14 | |
| ESCABLEMISMATCH15 | |
| ESCABLEMISMATCH16 | |
| ESCABLEMISMATCH17 | |
| ESCABLEMISMATCH18 | |
| ESCABLEMISMATCH19 | |
| ESCABLEMISMATCH2 | |
| ESCABLEMISMATCH20 | |
| ESCABLEMISMATCH21 | |
| ESCABLEMISMATCH22 | |
| ESCABLEMISMATCH23 | |
| ESCABLEMISMATCH24 | |
| ESCABLEMISMATCH3 | |
| ESCABLEMISMATCH4 | |
| ESCABLEMISMATCH5 | |
| ESCABLEMISMATCH6 | |
| ESCABLEMISMATCH7 | |
| ESCABLEMISMATCH8 | |
| ESCABLEMISMATCH9 | |
| escLatchFail | |

Table 3-4809 Condition (continued)

| Name | Value |
|-------------------------|-------|
| esm | |
| ethCSF | |
| ethRingPathProvMismatch | |
| etrMismatch | |
| etrMismatchMod | |
| excessLoad | |
| excessLoss | |
| facServ | |
| facTerm | |
| facTermDev | |
| facTermDgr | |
| fan32HRqd | |
| fanSpeed | |
| fanSpeedHigh | |
| fanSpeedLow | |
| fanSpeedMan | |
| farEndLos | |
| faulty | |
| fdi | |
| fdiClk | |
| feAls | |
| feasibilityViolation | |
| fecEcSd | |
| fecFail | |
| fecUbcSd | |
| feFlt | |
| feLfi | |
| feLos | |
| feLss | |
| fePortMismatch | |
| fePrLf | |
| feRfi | |
| fipsFailure | |

Table 3-4809 Condition (continued)

| Name | Value |
|-----------------|-------|
| fipsSwMismatch | |
| flt | |
| fpgaFail | |
| FPGAFAILNSA | |
| fpgaInit | |
| FPGAINIT1 | |
| FPGAINIT10 | |
| FPGAINIT2 | |
| FPGAINIT3 | |
| FPGAINIT4 | |
| FPGAINIT5 | |
| FPGAINIT6 | |
| FPGAINIT7 | |
| FPGAINIT8 | |
| FPGAINIT9 | |
| FPGAINITNSA1 | |
| FPGAINITNSA10 | |
| FPGAINITNSA2 | |
| FPGAINITNSA3 | |
| FPGAINITNSA4 | |
| FPGAINITNSA5 | |
| FPGAINITNSA6 | |
| FPGAINITNSA7 | |
| FPGAINITNSA8 | |
| FPGAINITNSA9 | |
| FPGAPRELOAD | |
| fpgaTimeout | |
| FPGATIMEOUTNSA | |
| frcdSwTimRef | |
| frcdSwTimRefT4 | |
| frcdWkSwBk | |
| frcdWkSwBkVTS1 | |
| frcdWkSwBkVTS10 | |

Table 3-4809 Condition (continued)

| Name | Value |
|---------------------|-------|
| fredWkSwBkVTS2 | |
| fredWkSwBkVTS3 | |
| fredWkSwBkVTS4 | |
| fredWkSwBkVTS5 | |
| fredWkSwBkVTS6 | |
| fredWkSwBkVTS7 | |
| fredWkSwBkVTS8 | |
| fredWkSwBkVTS9 | |
| fredWkSwPr | |
| fredWkSwPrVTS1 | |
| fredWkSwPrVTS10 | |
| fredWkSwPrVTS2 | |
| fredWkSwPrVTS3 | |
| fredWkSwPrVTS4 | |
| fredWkSwPrVTS5 | |
| fredWkSwPrVTS6 | |
| fredWkSwPrVTS7 | |
| fredWkSwPrVTS8 | |
| fredWkSwPrVTS9 | |
| FRCRFCKSEL | |
| frngSync | |
| FTD_ENCRYPT_15MIN | |
| FTD_ENCRYPT_1DAY | |
| FWMISMATCH | |
| fwPendingObsolete | |
| fwUpgradePending | |
| fwVersionNotDefault | |
| gfpLof | |
| GFPLOFOUT | |
| gfpSsf | |
| gfpUpm | |
| hdFail | |
| hdFull | |

Table 3-4809 Condition (continued)

| Name | Value |
|--------------------------|-------|
| hiBer | |
| highGain | |
| hldOvrSync | |
| hpPlmP | |
| hpRdiP | |
| hpUneqP | |
| hwRevisionNotSupported | |
| igmpSnpgSrcLimitExceed | |
| imageNotReady | |
| incompatFan | |
| inhMsgPmRept | |
| init | |
| inMigration | |
| INSERTMOD | |
| int | |
| intErr | |
| intrusion | |
| intrusionEvt | |
| intSft | |
| intTemp | |
| intTempHigh | |
| intTempLow | |
| intTempOpt | |
| invalidEgress | |
| invalidThreshold | |
| invalidThresholdOms | |
| invalidThresholdOts | |
| invalidTopo | |
| inventoryError | |
| keyDomainErr | |
| lagDeg | |
| lagLos | |
| LAGMEMBERPORTSTATECHANGE | |

Table 3-4809 Condition (continued)

| Name | Value |
|-------------------------|-------|
| lagPortAddFailed | |
| LAGPORTADDSUCCESS | |
| LAGSTATECHANGE | |
| lagSubGrpSelect | |
| lanLfi | |
| lanLol | |
| lanLos | |
| lanRfi | |
| lanSf | |
| laserBackFacetOptPwrTca | |
| laserCoolingCurTca | |
| laserEOL | |
| laserOffLpbk | |
| lck | |
| lckOut | |
| lckTem | |
| ledState | |
| lfd | |
| lfiEgr | |
| linkDiversity | |
| linkDown | |
| linkoamLoopDetected | |
| linkoamNonThresh | |
| linkoamPeerChng | |
| linkUp | |
| loam | |
| lockedIndicationEgress | |
| lockoutOfPr | |
| lockoutOfPrVTS1 | |
| lockoutOfPrVTS10 | |
| lockoutOfPrVTS2 | |
| lockoutOfPrVTS3 | |
| lockoutOfPrVTS4 | |

Table 3-4809 Condition (continued)

| Name | Value |
|-------------------|-------|
| lockoutOfPrVTS5 | |
| lockoutOfPrVTS6 | |
| lockoutOfPrVTS7 | |
| lockoutOfPrVTS8 | |
| lockoutOfPrVTS9 | |
| lockoutOfTimRef | |
| lockoutOfTimRefT4 | |
| lockoutToPr | |
| lof | |
| lofEgr | |
| lofLom | |
| lofLomOut | |
| lofO | |
| loGain | |
| logBuf90SecuLog | |
| logBufOvflSecuLog | |
| lol | |
| LOLA | |
| lopPauLop | |
| los | |
| losDcm | |
| losEdfa | |
| losLdSig | |
| losO | |
| losOamp | |
| losOcm | |
| losOms | |
| losOOut | |
| losOts | |
| losOut | |
| losP | |
| losPld | |
| lossOfLock | |

Table 3-4809 Condition (continued)

| Name | Value |
|-----------------|-------|
| lostClock | |
| lotOut | |
| lpbkLine | |
| lpbkTerm | |
| lspFailedApe | |
| lspFailedPre | |
| lspFailedTp | |
| lspFailedUnprot | |
| lspFailedXc | |
| lsrOutDgr | |
| lss | |
| lssEgr | |
| ltcTcm | |
| man | |
| manLR | |
| manReset | |
| manSwTimRef | |
| manSwTimRefT4 | |
| manSwToInt | |
| manSwToPri | |
| manSwToSec | |
| manWkSwBk | |
| manWkSwBkVTS1 | |
| manWkSwBkVTS10 | |
| manWkSwBkVTS2 | |
| manWkSwBkVTS3 | |
| manWkSwBkVTS4 | |
| manWkSwBkVTS5 | |
| manWkSwBkVTS6 | |
| manWkSwBkVTS7 | |
| manWkSwBkVTS8 | |
| manWkSwBkVTS9 | |
| manWkSwPr | |

Table 3-4809 Condition (continued)

| Name | Value |
|-------------------|-------|
| manWkSwPrVTS1 | |
| manWkSwPrVTS10 | |
| manWkSwPrVTS2 | |
| manWkSwPrVTS3 | |
| manWkSwPrVTS4 | |
| manWkSwPrVTS5 | |
| manWkSwPrVTS6 | |
| manWkSwPrVTS7 | |
| manWkSwPrVTS8 | |
| manWkSwPrVTS9 | |
| mepAIS | |
| mepError | |
| mepLoc | |
| mepMacError | |
| mepMmg | |
| mepRemote | |
| mepXcon | |
| mirrorDestDisable | |
| mirrorDestEnable | |
| mirrorSrcDisable | |
| mirrorSrcEnable | |
| mismatch | |
| mismatchFiber | |
| mismatchSfpXfp | |
| missing | |
| mixedPFUsed | |
| mjTca | |
| mnTca | |
| mod | |
| modOutOOR | |
| msim | |
| mtcesurv | |
| mtcesurvDgr | |

Table 3-4809 Condition (continued)

| Name | Value |
|--------------------|-------|
| neAls | |
| neFlt | |
| neModeMismatch | |
| net | |
| netCraft | |
| neUnreachable | |
| nkm | |
| nodeDeg | |
| notUsed1 | |
| notUsed2 | |
| notUsed3 | |
| notUsed4 | |
| ntpChkSig | |
| ntpClkAdj | |
| ntpLor | |
| ntpOoSync | |
| nunvComm | |
| nunvConfig | |
| nunvIndetermined | |
| nunvReversion | |
| nunvTpBlocked | |
| nunvTransmission | |
| nvMismatch | |
| oaPumpBiasCurrHigh | |
| oaPumpTempHigh | |
| objCreated | |
| objDeleted | |
| ochCollision | |
| ochCollisionOut | |
| ochFdi | |
| ochIntErr | |
| ochKeyDup | |
| ochKeyOverlap | |

Table 3-4809 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| ochKeysReused | |
| ochKeyUnavail | |
| ochMissing | |
| ochPdi | |
| ochPwrUnstable | |
| ochTrailDup | |
| ochTrailUnknown | |
| ochUnknown | |
| ochUnknownOut | |
| oci | |
| ociOut | |
| ociTcm | |
| ocsAuditFail | |
| ocsAuditSuccess | |
| ocsDataFlt | |
| ocsDataRtrv | |
| ocsUnavail | |
| ocsUplinkDeleted | |
| oduAis | |
| oduAisEgress | |
| oduAisOut | |
| omsSSF | |
| openConnectionIndicationEgress | |
| opr | |
| oprIngress | |
| oprLossHigh | |
| oprLossLow | |
| oprOOR | |
| oprOut | |
| oprPwrHigh | |
| oprPwrLow | |
| oprTx | |
| oprUnachieve | |

Table 3-4809 Condition (continued)

| Name | Value |
|---------------------------|-------|
| opticalParamErr | |
| OPTICALTEST | |
| optIntBase | |
| optIntDet | |
| optIntSusp | |
| oscSsf | |
| OSNRMESC | |
| ospfAdj | |
| OTDRSCANFAIL | |
| OTDRSCANSUCCESS | |
| otmcpf | |
| otuAis | |
| ovrld | |
| PACKETCARDINIT | |
| payloadTypeMismatchEgress | |
| pcsGeneratorActive | |
| pdi | |
| pdiPauPdi | |
| PGFPGAFAIL1 | |
| PGFPGAFAIL2 | |
| PGFPGAFAIL3 | |
| PGFPGAFAIL4 | |
| PGFPGAFAIL5 | |
| PGFPGAINIT1 | |
| PGFPGAINIT2 | |
| PGFPGAINIT3 | |
| PGFPGAINIT4 | |
| PGFPGAINIT5 | |
| plm | |
| plmOduOut | |
| plmPauPlm | |
| ppsLos | |
| precdrErr | |

Table 3-4809 Condition (continued)

| Name | Value |
|-----------------|-------|
| prcdrErrOut | |
| prcdrErrTopo | |
| prcdrErrTopoOut | |
| PTPFREERUN | |
| PTPGMDEGRADE | |
| PTPGMSWITCH | |
| PTPPATHSWITCH | |
| PTPPORTSWITCH | |
| PTPREFLOSS | |
| PTPREFUNSTABLE | |
| pwr | |
| pwrAdjComms | |
| pwrAdjFail | |
| pwrAdjFailAdd | |
| pwrAdjFailDrp | |
| pwrAdjReq | |
| pwrAdjReqAdd | |
| pwrAdjReqDrp | |
| pwrAlmp | |
| pwrEdfaMargin | |
| pwrFan | |
| pwrMargin | |
| pwrMaxGain | |
| pwrMgtOff | |
| pwrSusp | |
| pwrSuspOut | |
| pwrTiltParams | |
| pwrTiltSusp | |
| pwrUnbalance | |
| pwrUnbalanceOms | |
| ramanSup | |
| rcvrOptProg | |
| rdi | |

Table 3-4809 Condition (continued)

| Name | Value |
|----------------------|-------|
| rdiL | |
| readyToRevert | |
| REMOVEMOD | |
| replUnitMiss | |
| replUnitMissMOD | |
| reRouted | |
| restorationDisabled | |
| rfi | |
| rfiEgr | |
| rfiLmsRfi | |
| rfiPauRfi | |
| rmdCesChannelLPL | |
| rmdCesChannelNoTdmPl | |
| rmdCesChannelRPL | |
| rmdDiscoveredDevice | |
| rmdDNR | |
| rmdEQF | |
| rmdIfEFMLOP | |
| rmdIfFLOS | |
| rmdIfMauANM | |
| rmdIfMauEQF | |
| rmdIfMauLOS | |
| rmdIfMauUNI | |
| rmdIfMauWUP | |
| rmdJbRecentered | |
| rmdMepLOC | |
| rmdMepMMG | |
| rmdMepRDI | |
| rmdMepUNL | |
| rmdMepUNM | |
| rmdMepUNP | |
| rmdNDF | |
| rmdNimLOF | |

Table 3-4809 Condition (continued)

| Name | Value |
|---------------------------|-------|
| rmdPWR | |
| rmdTypeMismatch | |
| rmdUnknownEcid | |
| rmdWDP | |
| rmdWrongDestMac | |
| routeNotPossible | |
| sapOperDown | |
| sapStateChng | |
| sapTlsMacAddrLimitAlarm | |
| sd | |
| sdegO | |
| seepScrub | |
| serverSignalFailureEgress | |
| sf | |
| sfMismatch | |
| sfpEOL | |
| sfpReceiverPwrOOR | |
| sfpTempOOR | |
| sfpTrmtPwrOOR | |
| sft | |
| SHELFINCON | |
| shelfInVoltHigh | |
| shelfInVoltLow | |
| SHELFINVOLTMAXCUR | |
| signalDegradeEgress | |
| SLCBOOTCONTCOM | |
| SLCCARDINIT | |
| SLCCLKSYNC | |
| SLCCONTCOM | |
| SLCDATAFLT | |
| SLCEQPTBOOT | |
| SLCMISMATCH | |
| SLCNOTINSERVICE | |

Table 3-4809 Condition (continued)

| Name | Value |
|------------------------|-------|
| slcr | |
| sltmSig | |
| SPIREADERROR | |
| spLoAdjFail | |
| srgDiversity | |
| srTca | |
| ssf | |
| ssfCltEgr | |
| ssfOdu | |
| ssfOduOut | |
| ssfOduTp | |
| ssfOtu | |
| SSFSECTION | |
| SSFSECTIONOUT | |
| ssfTcm | |
| subNodeUnreachable | |
| SUSPECTCLKFREQ | |
| svcOperDown | |
| svcStateChng | |
| svcTlsFwdTblFullAlarm | |
| svcTlsMfibTblFullAlarm | |
| swEqpt | |
| swftDwn | |
| swMtxMod | |
| swToSec | |
| swUpgCommit | |
| swUpgFail | |
| swUpgrade | |
| sync | |
| syncActRef | |
| syncClk | |
| syncClkFail | |
| syncClkFrng | |

Table 3-4809 Condition (continued)

| Name | Value |
|-----------------------|-------|
| syncClkHldovr | |
| syncClkMode | |
| syncClkUnit | |
| syncCommand | |
| syncEqpt | |
| syncIfTimingHoldover | |
| syncIfTimingRef1Alarm | |
| syncIfTimingRef2Alarm | |
| SYNCLOSS | |
| syncMode | |
| syncOos | |
| syncOosT4 | |
| syncRefFail | |
| syncRefUnEq | |
| syncStatChng | |
| syncSys | |
| syncSysOos | |
| syncT4Out | |
| sysBoot | |
| sysInit | |
| systemReady | |
| tBbeMs15Min | |
| tBbeMs1Day | |
| tBbeOdu15Min | |
| tBbeOdu15MinOut | |
| tBbeOdu1Day | |
| tBbeOdu1DayOut | |
| tBbeOtu15Min | |
| tBbeOtu1Day | |
| tBbeP15Min | |
| tBbeP1Day | |
| tBbePt15Min | |
| tBbePt1Day | |

Table 3-4809 Condition (continued)

| Name | Value |
|------------------|-------|
| tBbeRs15Min | |
| tBbeRs1Day | |
| tBbeRst15Min | |
| tBbeRst1Day | |
| tBbeTcm15Min | |
| tBbeTcm1Day | |
| tBerPostFec15min | |
| tBerPostFec1day | |
| tBerPreFec15min | |
| tBerPreFec1day | |
| tBiaesOtu15Min | |
| tBiaesOtu1Day | |
| tBiaesTcm15Min | |
| tBiaesTcm1Day | |
| tcmAis | |
| tCv15Min | |
| tCv1Day | |
| tCvPcs15Min | |
| tCvPcs1Day | |
| tCvPest15Min | |
| tCvPest1Day | |
| tCvs15Min | |
| tCvs1Day | |
| tCvst15Min | |
| tCvst1Day | |
| termOc192stm64 | |
| termOc312stm14 | |
| termOc48stm16 | |
| termOtu1 | |
| termOtu2 | |
| tEs15Min | |
| tEs1Day | |
| tEsL15Min | |

Table 3-4809 Condition (continued)

| Name | Value |
|-----------------|-------|
| tEsL1Day | |
| tEsMs15Min | |
| tEsMs1Day | |
| tEsOdu15Min | |
| tEsOdu15MinOut | |
| tEsOdu1Day | |
| tEsOdu1DayOut | |
| tEsOtu15Min | |
| tEsOtu1Day | |
| tEsP15Min | |
| tEsP1Day | |
| tEsPcs15Min | |
| tEsPcs1Day | |
| tEsPest15Min | |
| tEsPest1Day | |
| tEsPt15Min | |
| tEsPt1Day | |
| tEsRs15Min | |
| tEsRs1Day | |
| tEsRst15Min | |
| tEsRst1Day | |
| tEss15Min | |
| tEss1Day | |
| tEsst15Min | |
| tEsst1Day | |
| tEsTcm15Min | |
| tEsTcm1Day | |
| testMode | |
| tEthpkter15Min | |
| tEthpkter1Day | |
| tEthpktert15Min | |
| tEthpktert1Day | |
| tFebbeMs15Min | |

Table 3-4809 Condition (continued)

| Name | Value |
|-------------------|-------|
| tFebbeMs1Day | |
| tFebbeOdu15Min | |
| tFeBbeOdu15MinOut | |
| tFebbeOdu1Day | |
| tFeBbeOdu1DayOut | |
| tFebbeOtu15Min | |
| tFebbeOtu1Day | |
| tFebbeTcm15Min | |
| tFebbeTcm1Day | |
| tFecc15Min | |
| tFecc1Day | |
| tFecUbc15Min | |
| tFecUbc1Day | |
| tFecUbu15Min | |
| tFecUbu1Day | |
| tFeesMs15Min | |
| tFeesMs1Day | |
| tFeesOdu15Min | |
| tFeEsOdu15MinOut | |
| tFeesOdu1Day | |
| tFeEsOdu1DayOut | |
| tFeesOtu15Min | |
| tFeesOtu1Day | |
| tFeesTcm15Min | |
| tFeesTcm1Day | |
| tFesesMs15Min | |
| tFesesMs1Day | |
| tFesesOdu15Min | |
| tFeSesOdu15MinOut | |
| tFesesOdu1Day | |
| tFeSesOdu1DayOut | |
| tFesesOtu15Min | |
| tFesesOtu1Day | |

Table 3-4809 Condition (continued)

| Name | Value |
|-------------------|-------|
| tFesesTcm15Min | |
| tFesesTcm1Day | |
| tFeuasMs15Min | |
| tFeuasMs1Day | |
| tFeuasOdu15Min | |
| tFeUasOdu15MinOut | |
| tFeuasOdu1Day | |
| tFeUasOdu1DayOut | |
| tFeuasOtu15Min | |
| tFeuasOtu1Day | |
| tFeuasTcm15Min | |
| tFeuasTcm1Day | |
| tIaesOtu15Min | |
| tIaesOtu1Day | |
| tIaesTcm15Min | |
| tIaesTcm1Day | |
| tim | |
| timOdu | |
| timOduOut | |
| timTcm | |
| toDDEG | |
| toDLOS | |
| TODREFUNSTABLE | |
| tOprh15Min | |
| tOprh1Day | |
| tOprhLane1 | |
| tOprhLane10 | |
| tOprhLane2 | |
| tOprhLane3 | |
| tOprhLane4 | |
| tOprhLane5 | |
| tOprhLane6 | |
| tOprhLane7 | |

Table 3-4809 Condition (continued)

| Name | Value |
|-------------|-------|
| tOprhLane8 | |
| tOprhLane9 | |
| tOprl15Min | |
| tOprl1Day | |
| tOprlLane1 | |
| tOprlLane10 | |
| tOprlLane2 | |
| tOprlLane3 | |
| tOprlLane4 | |
| tOprlLane5 | |
| tOprlLane6 | |
| tOprlLane7 | |
| tOprlLane8 | |
| tOprlLane9 | |
| tOpth15Min | |
| tOpth1Day | |
| tOpthLane1 | |
| tOpthLane10 | |
| tOpthLane2 | |
| tOpthLane3 | |
| tOpthLane4 | |
| tOpthLane5 | |
| tOpthLane6 | |
| tOpthLane7 | |
| tOpthLane8 | |
| tOpthLane9 | |
| tOptl15Min | |
| tOptl1Day | |
| tOptlLane1 | |
| tOptlLane10 | |
| tOptlLane2 | |
| tOptlLane3 | |
| tOptlLane4 | |

Table 3-4809 Condition (continued)

| Name | Value |
|-------------------|-------|
| tOptlLane5 | |
| tOptlLane6 | |
| tOptlLane7 | |
| tOptlLane8 | |
| tOptlLane9 | |
| tPmonDmaBfd15Min | |
| tPmonDmaBfd1Day | |
| tPmonDmaffd15Min | |
| tPmonDmaffd1Day | |
| tPmonDmafFdv15Min | |
| tPmonDmafFdv1Day | |
| tPmonDmanfd15Min | |
| tPmonDmanfd1Day | |
| tPmonDmanFdv15Min | |
| tPmonDmanFdv1Day | |
| tPmonDmxBfd15Min | |
| tPmonDmxBfd1Day | |
| tPmonDmxffd15Min | |
| tPmonDmxffd1Day | |
| tPmonDmxFFdv15Min | |
| tPmonDmxFFdv1Day | |
| tPmonDmxnfd15Min | |
| tPmonDmxnfd1Day | |
| tPmonDmxnFdv15Min | |
| tPmonDmxnFdv1Day | |
| tPmonLmafflr15Min | |
| tPmonLmafflr1Day | |
| tPmonLmanflr15Min | |
| tPmonLmanflr1Day | |
| tPmonLmfhli15Min | |
| tPmonLmfhli1Day | |
| tPmonLmnhli15Min | |
| tPmonLmnhli1Day | |

Table 3-4809 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonLmxfflr15Min | |
| tPmonLmxfflr1Day | |
| tPmonLmxnflr15Min | |
| tPmonLmxnflr1Day | |
| tPmonPortHighCapacityOctets15Min | |
| tPmonPortHighCapacityOctets1Day | |
| tPmonPortHighCapacityPkts15Min | |
| tPmonPortHighCapacityPkts1Day | |
| tPmonPortIfInDiscards15Min | |
| tPmonPortIfInDiscards1Day | |
| tPmonPortIfInErrors15Min | |
| tPmonPortIfInErrors1Day | |
| tPmonPortIfInOctets15Min | |
| tPmonPortIfInOctets1Day | |
| tPmonPortIfInPackets | |
| tPmonPortIfInPackets15Min | |
| tPmonPortIfOutDiscards15Min | |
| tPmonPortIfOutDiscards1Day | |
| tPmonPortIfOutErrors15Min | |
| tPmonPortIfOutErrors1Day | |
| tPmonPortIfOutOctets15Min | |
| tPmonPortIfOutOctets1Day | |
| tPmonPortIfOutPackets15Min | |
| tPmonPortIfOutPackets1Day | |
| tPmonPortQueue1OctetsDropped15Min | |
| tPmonPortQueue1OctetsDropped1Day | |
| tPmonPortQueue1PktsDropped15Min | |
| tPmonPortQueue1PktsDropped1Day | |
| tPmonPortQueue2OctetsDropped15Min | |
| tPmonPortQueue2OctetsDropped1Day | |
| tPmonPortQueue2PktsDropped15Min | |
| tPmonPortQueue2PktsDropped1Day | |
| tPmonPortQueue3OctetsDropped15Min | |

Table 3-4809 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortQueue3OctetsDropped1Day | |
| tPmonPortQueue3PktsDropped15Min | |
| tPmonPortQueue3PktsDropped1Day | |
| tPmonPortQueue4OctetsDropped15Min | |
| tPmonPortQueue4OctetsDropped1Day | |
| tPmonPortQueue4PktsDropped15Min | |
| tPmonPortQueue4PktsDropped1Day | |
| tPmonPortQueue5OctetsDropped15Min | |
| tPmonPortQueue5OctetsDropped1Day | |
| tPmonPortQueue5PktsDropped15Min | |
| tPmonPortQueue5PktsDropped1Day | |
| tPmonPortQueue6OctetsDropped15Min | |
| tPmonPortQueue6OctetsDropped1Day | |
| tPmonPortQueue6PktsDropped15Min | |
| tPmonPortQueue6PktsDropped1Day | |
| tPmonPortQueue7OctetsDropped15Min | |
| tPmonPortQueue7OctetsDropped1Day | |
| tPmonPortQueue7PktsDropped15Min | |
| tPmonPortQueue7PktsDropped1Day | |
| tPmonPortQueue8OctetsDropped15Min | |
| tPmonPortQueue8OctetsDropped1Day | |
| tPmonPortQueue8PktsDropped15Min | |
| tPmonPortQueue8PktsDropped1Day | |
| tPmonSapIngressOctetsDropped15Min | |
| tPmonSapIngressOctetsDropped1Day | |
| tPmonSapIngressPktsDropped15Min | |
| tPmonSapIngressPktsDropped1Day | |
| tPmonSlmafflr15Min | |
| tPmonSlmafFlr1Day | |
| tPmonSlmafflrContinuous | |
| tPmonSlmanflr15Min | |
| tPmonSlmanFlr1Day | |
| tPmonSlmanflrContinuous | |

Table 3-4809 Condition (continued)

| Name | Value |
|------------------------------------|-------|
| tPmonSlmfhli15Min | |
| tPmonSlmfhli1Day | |
| tPmonSlmfhliContinuous | |
| tPmonSlmnhli15Min | |
| tPmonSlmnhli1Day | |
| tPmonSlmnhliContinuous | |
| tPmonSlmxfFlr1Day | |
| tPmonSlmxfflrContinuous | |
| tPmonSlmxnFlr1Day | |
| tPmonSlmxnflrContinuous | |
| tPostFec15Min | |
| tPostFec1Day | |
| tPreFec15Min | |
| tPreFec1Day | |
| trailTraceIdentifierMismatchEgress | |
| transferLogFL | |
| transferLogFT | |
| transferLogIP | |
| trmt | |
| trmtMOD | |
| TRUBRKROPEN | |
| tSefs15Min | |
| tSefs1Day | |
| tSefsPcs15Min | |
| tSefsPcs1Day | |
| tSefsPest15Min | |
| tSefsPest1Day | |
| tSefss15Min | |
| tSefss1Day | |
| tSefsst15Min | |
| tSefsst1Day | |
| tSes15Min | |
| tSes1Day | |

Table 3-4809 Condition (continued)

| Name | Value |
|-----------------|-------|
| tSesL15Min | |
| tSesL1Day | |
| tSesMs15Min | |
| tSesMs1Day | |
| tSesOdu15Min | |
| tSesOdu15MinOut | |
| tSesOdu1Day | |
| tSesOdu1DayOut | |
| tSesOtu15Min | |
| tSesOtu1Day | |
| tSesP15Min | |
| tSesP1Day | |
| tSesPcs15Min | |
| tSesPcs1Day | |
| tSesPcst15Min | |
| tSesPcst1Day | |
| tSesPt15Min | |
| tSesPt1Day | |
| tSesRs15Min | |
| tSesRs1Day | |
| tSesRst15Min | |
| tSesRst1Day | |
| tSess15Min | |
| tSess1Day | |
| tSesst15Min | |
| tSesst1Day | |
| tSesTcm15Min | |
| tSesTcm1Day | |
| tsMismatch | |
| tsMismatchOut | |
| tUasMs15Min | |
| tUasMs1Day | |
| tUasOdu15Min | |

Table 3-4809 Condition (continued)

| Name | Value |
|-----------------|-------|
| tUasOdu15MinOut | |
| tUasOdu1Day | |
| tUasOdu1DayOut | |
| tUasOtu15Min | |
| tUasOtu1Day | |
| tUasP15Min | |
| tUasP1Day | |
| tUasPt15Min | |
| tUasPt1Day | |
| tUasRs15Min | |
| tUasRs1Day | |
| tUasRst15Min | |
| tUasRst1Day | |
| tUasTcm15Min | |
| tUasTcm1Day | |
| unexWkSet | |
| unknown | |
| unknownNotif | |
| unknownSfpXfp | |
| unL | |
| unM | |
| unMOrUnP | |
| unP | |
| unPr | |
| upm | |
| uruOchLos | |
| uruOmsRx | |
| uruOmsTx | |
| uruOtsLos | |
| uruOtsRx | |
| uruOtsTx | |
| uruOtu | |
| uruS | |

Table 3-4809 Condition (continued)

| Name | Value |
|------------------|-------|
| usAis | |
| usAls | |
| userEqptMismatch | |
| usFlt | |
| usIdle | |
| usLos | |
| usOchCollision | |
| usSFEber | |
| vcgDown | |
| vcgLoa | |
| vcgMap | |
| vcgSsf | |
| vcMfi | |
| voltage | |
| voltageHigh | |
| voltageLow | |
| vtConnCreation | |
| vtFdi | |
| vtFdi1 | |
| vtFdi10 | |
| vtFdi11 | |
| vtFdi12 | |
| vtFdi13 | |
| vtFdi14 | |
| vtFdi15 | |
| vtFdi16 | |
| vtFdi17 | |
| vtFdi18 | |
| vtFdi19 | |
| vtFdi2 | |
| vtFdi20 | |
| vtFdi21 | |
| vtFdi22 | |

Table 3-4809 Condition (continued)

| Name | Value |
|----------|-------|
| vtsFdi23 | |
| vtsFdi24 | |
| vtsFdi25 | |
| vtsFdi26 | |
| vtsFdi27 | |
| vtsFdi28 | |
| vtsFdi29 | |
| vtsFdi3 | |
| vtsFdi30 | |
| vtsFdi31 | |
| vtsFdi32 | |
| vtsFdi4 | |
| vtsFdi5 | |
| vtsFdi6 | |
| vtsFdi7 | |
| vtsFdi8 | |
| vtsFdi9 | |
| vtsOci | |
| vtsOci1 | |
| vtsOci10 | |
| vtsOci11 | |
| vtsOci12 | |
| vtsOci13 | |
| vtsOci14 | |
| vtsOci15 | |
| vtsOci16 | |
| vtsOci17 | |
| vtsOci18 | |
| vtsOci19 | |
| vtsOci2 | |
| vtsOci20 | |
| vtsOci21 | |
| vtsOci22 | |

Table 3-4809 Condition (continued)

| Name | Value |
|-------------------|-------|
| vtsOci23 | |
| vtsOci24 | |
| vtsOci25 | |
| vtsOci26 | |
| vtsOci27 | |
| vtsOci28 | |
| vtsOci29 | |
| vtsOci3 | |
| vtsOci30 | |
| vtsOci31 | |
| vtsOci32 | |
| vtsOci4 | |
| vtsOci5 | |
| vtsOci6 | |
| vtsOci7 | |
| vtsOci8 | |
| vtsOci9 | |
| warnTca | |
| wkSwBk | |
| wkSwPr | |
| wkSwPrVTS1 | |
| wkSwPrVTS10 | |
| wkSwPrVTS2 | |
| wkSwPrVTS3 | |
| wkSwPrVTS4 | |
| wkSwPrVTS5 | |
| wkSwPrVTS6 | |
| wkSwPrVTS7 | |
| wkSwPrVTS8 | |
| wkSwPrVTS9 | |
| wtocmaPoutRanOsnr | |
| wtr | |

Default Severity**Table 3-4810 Default Severity**

| Name | Value |
|--------------------------|------------------|
| Description | Default severity |
| Displayed name | Default Severity |
| Mandatory on creation | yes |
| OSS name | defaultSeverity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

Override Severity**Table 3-4811 Override Severity**

| Name | Value |
|--------------------------|-------------------|
| Description | Override severity |
| Displayed name | Override Severity |
| OSS name | severity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |

Table 3-4811 Override Severity (continued)

| Name | Value |
|---------------|-------|
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

RMD Device ID**Table 3-4812 RMD Device ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | RMD Device ID |
| OSS name | deviceId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

RMD Port ID**Table 3-4813 RMD Port ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | RMD Port ID |
| OSS name | portIndex |
| Read-only | yes |
| Tab Panel | General General |

Table 3-4813 RMD Port ID (continued)

| Name | Value |
|------|-------|
| Type | LONG |

RMD Port Digital Diagnostic Monitoring Info parameters

Current value

Table 3-4814 Current value

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:0 |
| Displayed name | Current value |
| OSS name | ddmRxOpticalPowerCurrent |
| Read-only | no |
| Tab Panel | General Receive Optical Power (dBm) |
| Type | INT |

Current value

Table 3-4815 Current value

| Name | Value |
|----------------|----------------------------|
| Default | yes:0 |
| Displayed name | Current value |
| OSS name | ddmSupplyVoltageCurrent |
| Read-only | no |
| Tab Panel | General Supply Voltage (V) |
| Type | INT |

Current value

Table 3-4816 Current value

| Name | Value |
|----------------|----------------|
| Default | yes:0 |
| Displayed name | Current value |
| OSS name | ddmTempCurrent |

Table 3-4816 Current value (continued)

| Name | Value |
|-------------|-------------------------------|
| Read-only | no |
| Tab Panel | General Temperature (Celsius) |
| Type | INT |

Current value**Table 3-4817 Current value**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:0 |
| Displayed name | Current value |
| OSS name | ddmTxBiasCurrentCurrent |
| Read-only | no |
| Tab Panel | General Transmit Bias Current (mA) |
| Type | INT |

Current value**Table 3-4818 Current value**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:0 |
| Displayed name | Current value |
| OSS name | ddmTxOutputPowerCurrent |
| Read-only | no |
| Tab Panel | General Transmit Output Power (dBm) |
| Type | INT |

High Alarm**Table 3-4819 High Alarm**

| Name | Value |
|----------------|--------------------------|
| Default | yes:0 |
| Displayed name | High Alarm |
| OSS name | ddmRxOpticalPowerHiAlarm |

Table 3-4819 High Alarm (continued)

| Name | Value |
|-------------|-------------------------------------|
| Read-only | no |
| Tab Panel | General Receive Optical Power (dBm) |
| Type | INT |

High Alarm**Table 3-4820 High Alarm**

| Name | Value |
|----------------|----------------------------|
| Default | yes:0 |
| Displayed name | High Alarm |
| OSS name | ddmSupplyVoltageHiAlarm |
| Read-only | no |
| Tab Panel | General Supply Voltage (V) |
| Type | INT |

High Alarm**Table 3-4821 High Alarm**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:0 |
| Displayed name | High Alarm |
| OSS name | ddmTempHiAlarm |
| Read-only | no |
| Tab Panel | General Temperature (Celsius) |
| Type | INT |

High Alarm**Table 3-4822 High Alarm**

| Name | Value |
|----------------|-------------------------|
| Default | yes:0 |
| Displayed name | High Alarm |
| OSS name | ddmTxBiasCurrentHiAlarm |

Table 3-4822 High Alarm (continued)

| Name | Value |
|-------------|------------------------------------|
| Read-only | no |
| Tab Panel | General Transmit Bias Current (mA) |
| Type | INT |

High Alarm**Table 3-4823 High Alarm**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:0 |
| Displayed name | High Alarm |
| OSS name | ddmTxOutputPowerHiAlarm |
| Read-only | no |
| Tab Panel | General Transmit Output Power (dBm) |
| Type | INT |

High Warning**Table 3-4824 High Warning**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:0 |
| Displayed name | High Warning |
| OSS name | ddmRxOpticalPowerHiWarning |
| Read-only | no |
| Tab Panel | General Receive Optical Power (dBm) |
| Type | INT |

High Warning**Table 3-4825 High Warning**

| Name | Value |
|----------------|---------------------------|
| Default | yes:0 |
| Displayed name | High Warning |
| OSS name | ddmSupplyVoltageHiWarning |

Table 3-4825 High Warning (continued)

| Name | Value |
|-------------|----------------------------|
| Read-only | no |
| Tab Panel | General Supply Voltage (V) |
| Type | INT |

High Warning**Table 3-4826 High Warning**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:0 |
| Displayed name | High Warning |
| OSS name | ddmTempHiWarning |
| Read-only | no |
| Tab Panel | General Temperature (Celsius) |
| Type | INT |

High Warning**Table 3-4827 High Warning**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:0 |
| Displayed name | High Warning |
| OSS name | ddmTxBiasCurrentHiWarning |
| Read-only | no |
| Tab Panel | General Transmit Bias Current (mA) |
| Type | INT |

High Warning**Table 3-4828 High Warning**

| Name | Value |
|----------------|---------------------------|
| Default | yes:0 |
| Displayed name | High Warning |
| OSS name | ddmTxOutputPowerHiWarning |

Table 3-4828 High Warning (continued)

| Name | Value |
|-------------|-------------------------------------|
| Read-only | no |
| Tab Panel | General Transmit Output Power (dBm) |
| Type | INT |

Low Alarm**Table 3-4829 Low Alarm**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:0 |
| Displayed name | Low Alarm |
| OSS name | ddmRxOpticalPowerLowAlarm |
| Read-only | no |
| Tab Panel | General Receive Optical Power (dBm) |
| Type | INT |

Low Alarm**Table 3-4830 Low Alarm**

| Name | Value |
|----------------|----------------------------|
| Default | yes:0 |
| Displayed name | Low Alarm |
| OSS name | ddmSupplyVoltageLowAlarm |
| Read-only | no |
| Tab Panel | General Supply Voltage (V) |
| Type | INT |

Low Alarm**Table 3-4831 Low Alarm**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Low Alarm |
| OSS name | ddmTempLowAlarm |

Table 3-4831 Low Alarm (continued)

| Name | Value |
|-------------|-------------------------------|
| Read-only | no |
| Tab Panel | General Temperature (Celsius) |
| Type | INT |

Low Alarm**Table 3-4832 Low Alarm**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:0 |
| Displayed name | Low Alarm |
| OSS name | ddmTxBiasCurrentLowAlarm |
| Read-only | no |
| Tab Panel | General Transmit Bias Current (mA) |
| Type | INT |

Low Alarm**Table 3-4833 Low Alarm**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:0 |
| Displayed name | Low Alarm |
| OSS name | ddmTxOutputPowerLowAlarm |
| Read-only | no |
| Tab Panel | General Transmit Output Power (dBm) |
| Type | INT |

Low Warning**Table 3-4834 Low Warning**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:0 |
| Displayed name | Low Warning |
| OSS name | ddmRxOpticalPowerLowWarning |

Table 3-4834 Low Warning (continued)

| Name | Value |
|-------------|-------------------------------------|
| Read-only | no |
| Tab Panel | General Receive Optical Power (dBm) |
| Type | INT |

Low Warning**Table 3-4835 Low Warning**

| Name | Value |
|----------------|----------------------------|
| Default | yes:0 |
| Displayed name | Low Warning |
| OSS name | ddmSupplyVoltageLowWarning |
| Read-only | no |
| Tab Panel | General Supply Voltage (V) |
| Type | INT |

Low Warning**Table 3-4836 Low Warning**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:0 |
| Displayed name | Low Warning |
| OSS name | ddmTempLowWarning |
| Read-only | no |
| Tab Panel | General Temperature (Celsius) |
| Type | INT |

Low Warning**Table 3-4837 Low Warning**

| Name | Value |
|----------------|----------------------------|
| Default | yes:0 |
| Displayed name | Low Warning |
| OSS name | ddmTxBiasCurrentLowWarning |

Table 3-4837 Low Warning (continued)

| Name | Value |
|-------------|------------------------------------|
| Read-only | no |
| Tab Panel | General Transmit Bias Current (mA) |
| Type | INT |

Low Warning**Table 3-4838 Low Warning**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:0 |
| Displayed name | Low Warning |
| OSS name | ddmTxOutputPowerLowWarning |
| Read-only | no |
| Tab Panel | General Transmit Output Power (dBm) |
| Type | INT |

RMD Port Inventory parameters**Acronym Code****Table 3-4839 Acronym Code**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Acronym Code |
| Maximum | 12 |
| Minimum | 0 |
| OSS name | acronymCode |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

CLEI Code**Table 3-4840 CLEI Code**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 10 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Date**Table 3-4841 Date**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Date |
| Maximum | 8 |
| Minimum | 0 |
| OSS name | date |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Extra Data**Table 3-4842 Extra Data**

| Name | Value |
|----------------|------------|
| Default | yes: |
| Displayed name | Extra Data |
| Maximum | 46 |
| Minimum | 0 |
| OSS name | extraData |
| Read-only | no |

Table 3-4842 Extra Data (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | STRING |

Factory Identifier**Table 3-4843 Factory Identifier**

| Name | Value |
|----------------|--------------------|
| Default | yes: |
| Displayed name | Factory Identifier |
| Maximum | 4 |
| Minimum | 0 |
| OSS name | factoryId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Frequency**Table 3-4844 Frequency**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Frequency |
| OSS name | wavelength |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Interchangeability Marking**Table 3-4845 Interchangeability Marking**

| Name | Value |
|----------------|----------------------------|
| Default | yes: |
| Displayed name | Interchangeability Marking |

Table 3-4845 Interchangeability Marking (continued)

| Name | Value |
|-------------|---------------------------|
| Maximum | 6 |
| Minimum | 0 |
| OSS name | interchangeabilityMarking |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Maximum Case Temperature**Table 3-4846 Maximum Case Temperature**

| Name | Value |
|----------------|--------------------------|
| Default | yes:0 |
| Displayed name | Maximum Case Temperature |
| Maximum | 4 |
| Minimum | 0 |
| OSS name | maxCaseTemperature |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Module Type**Table 3-4847 Module Type**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Module Type |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | moduleType |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Module Vendor**Table 3-4848 Module Vendor**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Module Vendor |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | moduleVendor |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Module Vendor Serial Number**Table 3-4849 Module Vendor Serial Number**

| Name | Value |
|----------------|-----------------------------|
| Default | yes: |
| Displayed name | Module Vendor Serial Number |
| Maximum | 18 |
| Minimum | 0 |
| OSS name | moduleVendorSerialNumber |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Software Part Number**Table 3-4850 Software Part Number**

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | Software Part Number |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | softwarePartNumber |
| Read-only | no |

Table 3-4850 Software Part Number (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | STRING |

Unit Part Number**Table 3-4851 Unit Part Number**

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Unit Part Number |
| Maximum | 14 |
| Minimum | 0 |
| OSS name | unitPartNumber |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

RMD Port parameters**Actual Duplex****Table 3-4852 Actual Duplex**

| Name | Value |
|--------------------------|-----------------|
| Default | yes:halfDuplex |
| Displayed name | Actual Duplex |
| OSS name | actualDuplex |
| Read-only | no |
| Tab Panel | General General |
| Type | DuplexMode |
| Enumerated types: | |
| Auto | |
| Full-Duplex | |
| Half-Duplex | |
| Not Applicable | |

Table 3-4852 Actual Duplex (continued)

| Name | Value |
|---------------|-------|
| Not Available | |

Actual Speed**Table 3-4853 Actual Speed**

| Name | Value |
|----------------|-----------------|
| Default | yes:ethernet10 |
| Displayed name | Actual Speed |
| OSS name | actualSpeed |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.Speed |
| Units | Mbps |

Duplex**Table 3-4854 Duplex**

| Name | Value |
|--------------------------|-----------------|
| Default | yes:fullDuplex |
| Displayed name | Duplex |
| OSS name | duplex |
| Read-only | no |
| Tab Panel | General General |
| Type | DuplexMode |
| Enumerated types: | |
| Auto | |
| Full-Duplex | |
| Half-Duplex | |
| Not Applicable | |
| Not Available | |

Enabled**Table 3-4855 Enabled**

| Name | Value |
|----------------|--------------------------|
| Default | yes:false |
| Displayed name | Enabled |
| OSS name | autoNegEnabled |
| Read-only | no |
| Tab Panel | General Auto-Negotiation |
| Type | generic.TruthValue |

Fallback Enabled**Table 3-4856 Fallback Enabled**

| Name | Value |
|----------------|--------------------------|
| Default | yes:false |
| Displayed name | Fallback Enabled |
| OSS name | autoNegFallBackEnabled |
| Read-only | no |
| Tab Panel | General Auto-Negotiation |
| Type | generic.TruthValue |

MDI/MDX**Table 3-4857 MDI/MDX**

| Name | Value |
|--------------------------|-----------------|
| Default | yes:mdi |
| Displayed name | MDI/MDX |
| OSS name | mdiMdixMode |
| Read-only | no |
| Tab Panel | General General |
| Type | MdiMdixTpe |
| Enumerated types: | |
| | MDI |
| | MDIX |
| | Not Applicable |

Table 3-4857 MDI/MDX (continued)

| Name | Value |
|---------------|-------|
| Not Available | |

Operational Status

Table 3-4858 Operational Status

| Name | Value |
|----------------|----------------------------|
| Default | yes:unknown |
| Displayed name | Operational Status |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.OperationalState |

Pause Mode

Table 3-4859 Pause Mode

| Name | Value |
|--------------------------|-----------------|
| Default | yes:disabled |
| Displayed name | Pause Mode |
| OSS name | actualPauseMode |
| Read-only | no |
| Tab Panel | General General |
| Type | PauseMode |
| Enumerated types: | |
| Auto | |
| Full-Duplex | |
| Half-Duplex | |
| Not Applicable | |
| Not Available | |
| Tx Disabled, Rx Enabled | |
| Tx Enabled, Rx Disabled | |

Port ID**Table 3-4860 Port ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:1 |
| Displayed name | Port ID |
| Mandatory on creation | yes |
| OSS name | portId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Port Type**Table 3-4861 Port Type**

| Name | Value |
|--------------------------|-----------------|
| Default | yes:network |
| Displayed name | Port Type |
| OSS name | portType |
| Read-only | no |
| Tab Panel | General General |
| Type | PortType |
| Enumerated types: | |
| Customer | |
| Network | |

RMD Device ID**Table 3-4862 RMD Device ID**

| Name | Value |
|----------------|-----------------|
| Displayed name | RMD Device ID |
| OSS name | deviceId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Site ID
Table 3-4863 Site ID

| Name | Value |
|----------------|-------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site Info |
| Type | STRING |

Site Name**Table 3-4864 Site Name**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site Info |
| Type | STRING |

Speed**Table 3-4865 Speed**

| Name | Value |
|----------------|------------------|
| Default | yes:ethernet1000 |
| Displayed name | Speed |
| OSS name | speed |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.Speed |
| Units | Mbps |

Status
Table 3-4866 Status

| Name | Value |
|--------------------------|--------------------------|
| Displayed name | Status |
| OSS name | autoNegStatus |
| Read-only | no |
| Tab Panel | General Auto-Negotiation |
| Type | AutoNegStatus |
| Enumerated types: | |
| Complete | |
| Configuring | |
| Disabled | |
| Error | |
| Not Applicable | |
| Not Available | |
| Parallel Defect Fail | |

Traffic Enabled**Table 3-4867 Traffic Enabled**

| Name | Value |
|----------------|--------------------|
| Default | yes:true |
| Displayed name | Traffic Enabled |
| OSS name | trafficEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | generic.TruthValue |

RMD Software Image parameters

Software Image Date

Table 3-4868 Software Image Date

| Name | Value |
|----------------|---------------------|
| Default | yes:0 |
| Displayed name | Software Image Date |
| Maximum | 19 |
| Minimum | 8 |
| OSS name | imageDate |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Software Image ID

Table 3-4869 Software Image ID

| Name | Value |
|-----------------------|-------------------|
| Default | yes:0 |
| Displayed name | Software Image ID |
| Mandatory on creation | yes |
| OSS name | imageId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Software Image Item Code

Table 3-4870 Software Image Item Code

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Software Image Item Code |
| Maximum | 7 |
| OSS name | imageItemCode |
| Read-only | no |

Table 3-4870 Software Image Item Code (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | STRING |

Software Image Size**Table 3-4871 Software Image Size**

| Name | Value |
|----------------|---------------------|
| Default | yes:0 |
| Displayed name | Software Image Size |
| OSS name | imageSize |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Software Image State**Table 3-4872 Software Image State**

| Name | Value |
|--------------------------|----------------------|
| Default | yes:1 |
| Displayed name | Software Image State |
| OSS name | imageState |
| Read-only | no |
| Tab Panel | General General |
| Type | SwImageState |
| Enumerated types: | |
| Active | |
| Empty | |
| Error | |
| Inactive | |
| Soak | |

Software Image Version

Table 3-4873 Software Image Version

| Name | Value |
|----------------|------------------------|
| Default | yes: |
| Displayed name | Software Image Version |
| OSS name | imageVersion |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Routing Instance parameters

Administrative State

Table 3-4874 Administrative State

| Name | Value |
|--------------------------|----------------------|
| Default | yes:unknown |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | AdministrativeState |
| Enumerated types: | |
| Down | |
| Up | |

BGP Enabled

Table 3-4875 BGP Enabled

| Name | Value |
|----------------|-------------|
| Default | yes:false |
| Displayed name | BGP Enabled |
| OSS name | bgpEnabled |
| Read-only | no |

Table 3-4875 BGP Enabled (continued)

| Name | Value |
|-------------|-------------------|
| Tab Panel | Protocols General |
| Type | BOOL |

Enable WLAN GW**Table 3-4876 Enable WLAN GW**

| Name | Value |
|----------------|-----------------|
| Default | yes:false |
| Displayed name | Enable WLAN GW |
| OSS name | wlangwEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

GMPLS Enabled**Table 3-4877 GMPLS Enabled**

| Name | Value |
|----------------|-------------------|
| Default | yes:false |
| Displayed name | GMPLS Enabled |
| OSS name | gmplsEnabled |
| Read-only | no |
| Tab Panel | Protocols General |
| Type | BOOL |

IGMP Enabled**Table 3-4878 IGMP Enabled**

| Name | Value |
|----------------|--------------|
| Default | yes:false |
| Displayed name | IGMP Enabled |
| OSS name | igmpEnabled |
| Read-only | no |

Table 3-4878 IGMP Enabled (continued)

| Name | Value |
|-------------|-------------------|
| Tab Panel | Multicast General |
| Type | BOOL |

IS-IS Enabled**Table 3-4879 IS-IS Enabled**

| Name | Value |
|----------------|-------------------|
| Default | yes:false |
| Displayed name | IS-IS Enabled |
| OSS name | isisEnabled |
| Read-only | no |
| Tab Panel | Protocols General |
| Type | BOOL |

ISA-BB Group**Table 3-4880 ISA-BB Group**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The value of rsmGroup specifies the ISA-BB group associated with this virtual router instance for the purpose of IP datagram fragment reassembly. The value zero specifies that no such ISA-BB group is associated. |
| Displayed name | ISA-BB Group |
| OSS name | rsmGroup |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

L2TP Enabled**Table 3-4881 L2TP Enabled**

| Name | Value |
|----------------|--------------|
| Default | yes:false |
| Displayed name | L2TP Enabled |

Table 3-4881 L2TP Enabled (continued)

| Name | Value |
|-------------|-------------------|
| OSS name | l2tpEnabled |
| Read-only | no |
| Tab Panel | Protocols General |
| Type | BOOL |

LDP Enabled**Table 3-4882 LDP Enabled**

| Name | Value |
|----------------|-------------------|
| Default | yes:false |
| Displayed name | LDP Enabled |
| OSS name | ldpEnabled |
| Read-only | no |
| Tab Panel | Protocols General |
| Type | BOOL |

LMP Enabled**Table 3-4883 LMP Enabled**

| Name | Value |
|----------------|-------------------|
| Default | yes:false |
| Displayed name | LMP Enabled |
| OSS name | lmpEnabled |
| Read-only | no |
| Tab Panel | Protocols General |
| Type | BOOL |

MLD Enabled**Table 3-4884 MLD Enabled**

| Name | Value |
|----------------|-------------|
| Default | yes:false |
| Displayed name | MLD Enabled |

Table 3-4884 MLD Enabled (continued)

| Name | Value |
|-------------|-------------------|
| OSS name | mldEnabled |
| Read-only | no |
| Tab Panel | Multicast General |
| Type | BOOL |

MPLS Enabled**Table 3-4885 MPLS Enabled**

| Name | Value |
|----------------|-------------------|
| Default | yes:false |
| Displayed name | MPLS Enabled |
| OSS name | mplsEnabled |
| Read-only | no |
| Tab Panel | Protocols General |
| Type | BOOL |

MPLS-TP Enabled**Table 3-4886 MPLS-TP Enabled**

| Name | Value |
|----------------|-------------------|
| Default | yes:false |
| Displayed name | MPLS-TP Enabled |
| OSS name | mplstpEnabled |
| Read-only | no |
| Tab Panel | Protocols General |
| Type | BOOL |

MSDP Enabled**Table 3-4887 MSDP Enabled**

| Name | Value |
|----------------|--------------|
| Default | yes:false |
| Displayed name | MSDP Enabled |

Table 3-4887 MSDP Enabled (continued)

| Name | Value |
|-------------|-------------------|
| OSS name | msdpEnabled |
| Read-only | no |
| Tab Panel | Multicast General |
| Type | BOOL |

Name**Table 3-4888 Name**

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | STRING |

Operational State**Table 3-4889 Operational State**

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General General |
| Type | OperationalState |

OSPFv2 Enabled**Table 3-4890 OSPFv2 Enabled**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-4890 OSPFv2 Enabled (continued)

| Name | Value |
|----------------|-------------------|
| Displayed name | OSPFv2 Enabled |
| OSS name | ospfEnabled |
| Read-only | no |
| Tab Panel | Protocols General |
| Type | BOOL |

OSPFv3 Enabled**Table 3-4891 OSPFv3 Enabled**

| Name | Value |
|----------------|-------------------|
| Default | yes:false |
| Displayed name | OSPFv3 Enabled |
| OSS name | ospfv3Enabled |
| Read-only | no |
| Tab Panel | Protocols General |
| Type | BOOL |

PIM Enabled**Table 3-4892 PIM Enabled**

| Name | Value |
|----------------|-------------------|
| Default | yes:false |
| Displayed name | PIM Enabled |
| OSS name | pimEnabled |
| Read-only | no |
| Tab Panel | Multicast General |
| Type | BOOL |

RIP Enabled**Table 3-4893 RIP Enabled**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-4893 RIP Enabled (continued)

| Name | Value |
|----------------|-------------------|
| Displayed name | RIP Enabled |
| OSS name | ripEnabled |
| Read-only | no |
| Tab Panel | Protocols General |
| Type | BOOL |

RIPNG Enabled**Table 3-4894 RIPNG Enabled**

| Name | Value |
|----------------|-------------------|
| Default | yes:false |
| Displayed name | RIPNG Enabled |
| OSS name | ripNgEnabled |
| Read-only | no |
| Tab Panel | Protocols General |
| Type | BOOL |

Role**Table 3-4895 Role**

| Name | Value |
|----------------|--|
| Default | yes:hub |
| Description | Specifies if Test Suite Generation should use this interface as a Hub or Spoke (Hubs target Hubs and Spokes, Spoke can only target Hubs) |
| Displayed name | Role |
| OSS name | testRole |
| Read-only | no |
| Tab Panel | oam-config testOptions |
| Type | sas.TestedObjectRole |

Routing Instance ID
Table 3-4896 Routing Instance ID

| Name | Value |
|----------------|--------------------------|
| Default | yes:1 |
| Displayed name | Routing Instance ID |
| Maximum | 10240 |
| Minimum | 1 |
| OSS name | routerId |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | INT |

Routing Instance Name**Table 3-4897 Routing Instance Name**

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | Routing Instance Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | routerName |
| Read-only | yes |
| Tab Panel | General Routing Instance |
| Type | STRING |

RSVP Enabled**Table 3-4898 RSVP Enabled**

| Name | Value |
|----------------|-------------------|
| Default | yes:false |
| Displayed name | RSVP Enabled |
| OSS name | rsvpEnabled |
| Read-only | no |
| Tab Panel | Protocols General |
| Type | BOOL |

Site ID**Table 3-4899 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-4900 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Test Suite Count**Table 3-4901 Test Suite Count**

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Test Suite Count |
| Minimum | 0 |
| OSS name | sasTestSuiteCount |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Use as Test Source**Table 3-4902 Use as Test Source**

| Name | Value |
|----------------|--|
| Default | yes:true |
| Description | Specifies if Test Suite Generation should use this interface as a test source. |
| Displayed name | Use as Test Source |
| OSS name | testSource |
| Read-only | no |
| Tab Panel | oam-config testOptions |
| Type | BOOL |

Use as Test Target**Table 3-4903 Use as Test Target**

| Name | Value |
|----------------|--|
| Default | yes:true |
| Description | Specifies if Test Suite Generation should use this interface as a test target. |
| Displayed name | Use as Test Target |
| OSS name | testTarget |
| Read-only | no |
| Tab Panel | oam-config testOptions |
| Type | BOOL |

VRF Name**Table 3-4904 VRF Name**

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | VRF Name |
| Mandatory on creation | yes |
| Maximum | 20 |
| Minimum | 1 |
| OSS name | vRFName |
| Read-only | no |
| Tab Panel | General General |

Table 3-4904 VRF Name (continued)

| Name | Value |
|------|--------|
| Type | STRING |

WPP Enabled

Table 3-4905 WPP Enabled

| Name | Value |
|----------------|-------------------|
| Default | yes:false |
| Displayed name | WPP Enabled |
| OSS name | wppEnabled |
| Read-only | no |
| Tab Panel | Protocols General |
| Type | BOOL |

Sap Alarm Category parameters**Category**

Table 3-4906 Category

| Name | Value |
|--------------------------|----------------------|
| Description | The trap entity type |
| Displayed name | Category |
| Mandatory on creation | yes |
| OSS name | alarmEntityType |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapEntityType |
| Enumerated types: | |
| | 100GBE |
| | 10GBE |
| | 1GBE |
| | 40GBE |
| | ALL |
| | BITS |

Table 3-4906 Category (continued)

| Name | Value |
|--------------|-------|
| CBR10G3 | |
| CBR2G5 | |
| CBRAR | |
| COM | |
| CPDPR | |
| CPLMP | |
| CPNEIGHBOR | |
| CPRSVP | |
| DBLINK | |
| DDR | |
| E1 | |
| ENV | |
| EQPT | |
| FC100 | |
| FC10G | |
| FC16G | |
| FC200 | |
| FC400 | |
| FC800 | |
| FE | |
| GMRENODE | |
| LAG | |
| LINEREF | |
| LOG | |
| LOODU | |
| LSP | |
| MEP | |
| NETIF | |
| OC12/STM4 | |
| OC192/STM64 | |
| OC3/STM1 | |
| OC48/STM16 | |
| OC768/STM256 | |

Table 3-4906 Category (continued)

| Name | Value |
|---------------|-------|
| OCH | |
| ODU0 | |
| ODU0TCM | |
| ODU1 | |
| ODU1F | |
| ODU1FTCM | |
| ODU1ODU0 | |
| ODU1ODU0TCM | |
| ODU1PTF | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2EODU0 | |
| ODU2EODU0TCM | |
| ODU2EODU1 | |
| ODU2EODU1TCM | |
| ODU2EODUF | |
| ODU2EODUFTCM | |
| ODU2ETCM | |
| ODU2ODU0 | |
| ODU2ODU0TCM | |
| ODU2ODU1 | |
| ODU2ODU1TCM | |
| ODU2ODUF | |
| ODU2ODUFTCM | |
| ODU2TCM | |
| ODU3 | |
| ODU3E | |
| ODU3E2 | |
| ODU3E2ODU0 | |
| ODU3E2ODU0TCM | |
| ODU3E2ODU1 | |
| ODU3E2ODU1TCM | |

Table 3-4906 Category (continued)

| Name | Value |
|----------------|-------|
| ODU3E2ODU2 | |
| ODU3E2ODU2E | |
| ODU3E2ODU2ETCM | |
| ODU3E2ODU2TCM | |
| ODU3E2ODUF | |
| ODU3E2ODUFTCM | |
| ODU3E2TCM | |
| ODU3EODU0 | |
| ODU3EODU0TCM | |
| ODU3EODU1 | |
| ODU3EODU1TCM | |
| ODU3EODU2 | |
| ODU3EODU2E | |
| ODU3EODU2ETCM | |
| ODU3EODU2TCM | |
| ODU3EODUF | |
| ODU3EODUFTCM | |
| ODU3ETCM | |
| ODU3ODU0 | |
| ODU3ODU0TCM | |
| ODU3ODU1 | |
| ODU3ODU1TCM | |
| ODU3ODU2 | |
| ODU3ODU2E | |
| ODU3ODU2ETCM | |
| ODU3ODU2TCM | |
| ODU3ODUF | |
| ODU3ODUFTCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4ODU0 | |
| ODU4ODU0TCM | |
| ODU4ODU1 | |

Table 3-4906 Category (continued)

| Name | Value |
|---------------|-------|
| ODU4ODU1F | |
| ODU4ODU1FTCM | |
| ODU4ODU1TCM | |
| ODU4ODU2 | |
| ODU4ODU2E | |
| ODU4ODU2ETCM | |
| ODU4ODU2TCM | |
| ODU4ODU3 | |
| ODU4ODU3E | |
| ODU4ODU3E2 | |
| ODU4ODU3E2TCM | |
| ODU4ODU3ETCM | |
| ODU4ODU3TCM | |
| ODU4ODUF | |
| ODU4ODUFTCM | |
| ODU4TCM | |
| ODUF | |
| ODUFTCM | |
| OFA | |
| OMS | |
| OPTSG | |
| OTNFAC | |
| OTS | |
| OTU | |
| OTU0 | |
| OTU1 | |
| OTU1F | |
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E | |
| OTU3E2 | |
| OTU4 | |

Table 3-4906 Category (continued)

| Name | Value |
|--------------|-------|
| OTUODU0 | |
| OTUODU0TCM | |
| OTUODU1 | |
| OTUODU1F | |
| OTUODU1TCM | |
| OTUODU2 | |
| OTUODU2E | |
| OTUODU2ETCM | |
| OTUODU2TCM | |
| OTUODU3 | |
| OTUODU3E | |
| OTUODU3E2 | |
| OTUODU3E2TCM | |
| OTUODU3ETCM | |
| OTUODU3TCM | |
| OTUODU4 | |
| OTUODU4TCM | |
| OTUOODU1FTCM | |
| PLK | |
| PM | |
| PTPCLOCK | |
| PTPPORT | |
| RMD | |
| RMDCESCHNNEL | |
| RMDIF | |
| RMDIFMAU | |
| RMDMEP | |
| RMDNIM | |
| SCLOCK | |
| SDR | |
| SESSION | |
| SRERP | |
| SRMEP | |

Table 3-4906 Category (continued)

| Name | Value |
|-------------|-------|
| SROAMSAACTL | |
| SRSAP | |
| SRSVC | |
| SYNC | |
| TELINK | |
| TIMING | |
| TOD | |
| TRU | |
| VTs | |

Condition**Table 3-4907 Condition**

| Name | Value |
|--------------------------|--------------------|
| Description | The trap condition |
| Displayed name | Condition |
| Mandatory on creation | yes |
| OSS name | alarmCondition |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCondition |
| Enumerated types: | |
| aesFipsFailure | |
| aisLM | |
| aisLmsAis | |
| aisPauAis | |
| aisTcm | |
| alienEgrLOS | |
| allChanMiss | |
| allChanMissOut | |
| almRSync | |
| almRSyncEnd | |
| ampDisabled | |

Table 3-4907 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| ampEol | |
| ANNOUNCELOSS | |
| apeInProgress | |
| APFORCED | |
| aprInvalidTopo | |
| APRLIMITED | |
| aprLine | |
| aprNode | |
| aprOsc | |
| aprSwitch | |
| aprUnavail | |
| aprUnavailOsc | |
| apsB | |
| apsCm | |
| apsMm | |
| apsNoRed | |
| arcIND | |
| asonTopo | |
| auAisP | |
| auLopP | |
| authFail | |
| autoReset | |
| autoSwTimRef | |
| autoSwTimRefT4 | |
| autoSyncSw | |
| bISd | |
| backupUnavail | |
| backwardDefectIndicationEgress | |
| BADCLKFREQ | |
| baseline | |
| bdi | |
| bdiOdu | |
| bdiOduOut | |

Table 3-4907 Condition (continued)

| Name | Value |
|--------------------|-------|
| bdiTcm | |
| binsRolled | |
| bitsAIS | |
| bitsLof | |
| bitsLos | |
| bitsMAN | |
| bkupCom | |
| boardEqpt | |
| brkTrip | |
| capBuftr | |
| cardBoot | |
| CARDCLKOFFFREQ | |
| cardIdRcvd | |
| cardInBoot | |
| cardInit | |
| cardInitBcm | |
| cardInitFail | |
| cardInitNonBcm | |
| cardNotAllowed | |
| cardSanity | |
| cbr10G3RxLOS | |
| cbr10G3RxLSS | |
| ccActChg | |
| cfCapacityWarning | |
| cfmAisEvt | |
| cfmDmTestComplete | |
| cfmFltEvt | |
| cfmLbmTestComplete | |
| cfmLmTestComplete | |
| cfmLtmTestComplete | |
| cfmSlmTestComplete | |
| change | |
| channelViolation | |

Table 3-4907 Condition (continued)

| Name | Value |
|----------------|-------|
| chkBkplane | |
| ckm | |
| clearAllTcas | |
| colorViolation | |
| comm | |
| commDeg | |
| commDown | |
| configFail | |
| CONFIGMM | |
| contBus | |
| contCom | |
| contComm | |
| contEqpt | |
| contEqptSplit | |
| contr | |
| contrDup | |
| contrenDgr | |
| contrenFail | |
| contrOut | |
| cpuPerformance | |
| crdInit | |
| crTca | |
| csf | |
| csfGfp | |
| CSFGFPOUT | |
| csfOduEgr | |
| csfOduOut | |
| dataErr | |
| dataFlt | |
| dbErr | |
| dbFl | |
| dbFt | |
| dbFull | |

Table 3-4907 Condition (continued)

| Name | Value |
|-----------------|-------|
| dbInvalid | |
| dbMemTrf | |
| dbUnsync | |
| dcConfigFail | |
| deg | |
| degOtu | |
| degOut | |
| degTcm | |
| DELAYRESLOSS | |
| DISCOVERMOD | |
| dormantUser | |
| dwAis | |
| dwLof | |
| dwLom | |
| dwSd | |
| dwSf | |
| e1AisEgr | |
| e1AisL | |
| e1Lof | |
| e1LofEgr | |
| e1Los | |
| e1NoCrc4M | |
| e1NoCRC4MEgr | |
| e1Rai | |
| e1RaiEgr | |
| ebero | |
| egressSSF | |
| envInput1Active | |
| envInput2Active | |
| envInput3Active | |
| envInput4Active | |
| envInput5Active | |
| envInput6Active | |

Table 3-4907 Condition (continued)

| Name | Value |
|-------------------|-------|
| envInput7Active | |
| envInput8Active | |
| eptUploadErr | |
| eqpt | |
| eqptCrypto | |
| eqptDgr | |
| eqptDgrMon | |
| eqptDgrOch | |
| eqptDgrOchOut | |
| eqptDgrOut | |
| eqptPort | |
| erpFwdStateChng | |
| ESCABLEMISMATCH1 | |
| ESCABLEMISMATCH10 | |
| ESCABLEMISMATCH11 | |
| ESCABLEMISMATCH12 | |
| ESCABLEMISMATCH13 | |
| ESCABLEMISMATCH14 | |
| ESCABLEMISMATCH15 | |
| ESCABLEMISMATCH16 | |
| ESCABLEMISMATCH17 | |
| ESCABLEMISMATCH18 | |
| ESCABLEMISMATCH19 | |
| ESCABLEMISMATCH2 | |
| ESCABLEMISMATCH20 | |
| ESCABLEMISMATCH21 | |
| ESCABLEMISMATCH22 | |
| ESCABLEMISMATCH23 | |
| ESCABLEMISMATCH24 | |
| ESCABLEMISMATCH3 | |
| ESCABLEMISMATCH4 | |
| ESCABLEMISMATCH5 | |
| ESCABLEMISMATCH6 | |

Table 3-4907 Condition (continued)

| Name | Value |
|-------------------------|-------|
| ESCABLEMISMATCH7 | |
| ESCABLEMISMATCH8 | |
| ESCABLEMISMATCH9 | |
| escLatchFail | |
| esm | |
| ethCSF | |
| ethRingPathProvMismatch | |
| etrMismatch | |
| etrMismatchMod | |
| excessLoad | |
| excessLoss | |
| facServ | |
| facTerm | |
| facTermDev | |
| facTermDgr | |
| fan32HRqd | |
| fanSpeed | |
| fanSpeedHigh | |
| fanSpeedLow | |
| fanSpeedMan | |
| farEndLos | |
| faulty | |
| fdi | |
| fdiClt | |
| feAls | |
| feasibilityViolation | |
| fecEcSd | |
| fecFail | |
| fecUbcSd | |
| feFlt | |
| feLfi | |
| feLos | |
| feLss | |

Table 3-4907 Condition (continued)

| Name | Value |
|----------------|-------|
| fePortMismatch | |
| fePrLf | |
| feRfi | |
| fipsFailure | |
| fipsSwMismatch | |
| flt | |
| fpgaFail | |
| FPGAFAILNSA | |
| fpgaInit | |
| FPGAINIT1 | |
| FPGAINIT10 | |
| FPGAINIT2 | |
| FPGAINIT3 | |
| FPGAINIT4 | |
| FPGAINIT5 | |
| FPGAINIT6 | |
| FPGAINIT7 | |
| FPGAINIT8 | |
| FPGAINIT9 | |
| FPGAINITNSA1 | |
| FPGAINITNSA10 | |
| FPGAINITNSA2 | |
| FPGAINITNSA3 | |
| FPGAINITNSA4 | |
| FPGAINITNSA5 | |
| FPGAINITNSA6 | |
| FPGAINITNSA7 | |
| FPGAINITNSA8 | |
| FPGAINITNSA9 | |
| FPGAPRELOAD | |
| fpgaTimeout | |
| FPGATIMEOUTNSA | |
| frcdSwTimRef | |

Table 3-4907 Condition (continued)

| Name | Value |
|---------------------|-------|
| frcdSwTimRefT4 | |
| frcdWkSwBk | |
| frcdWkSwBkVTS1 | |
| frcdWkSwBkVTS10 | |
| frcdWkSwBkVTS2 | |
| frcdWkSwBkVTS3 | |
| frcdWkSwBkVTS4 | |
| frcdWkSwBkVTS5 | |
| frcdWkSwBkVTS6 | |
| frcdWkSwBkVTS7 | |
| frcdWkSwBkVTS8 | |
| frcdWkSwBkVTS9 | |
| frcdWkSwPr | |
| frcdWkSwPrVTS1 | |
| frcdWkSwPrVTS10 | |
| frcdWkSwPrVTS2 | |
| frcdWkSwPrVTS3 | |
| frcdWkSwPrVTS4 | |
| frcdWkSwPrVTS5 | |
| frcdWkSwPrVTS6 | |
| frcdWkSwPrVTS7 | |
| frcdWkSwPrVTS8 | |
| frcdWkSwPrVTS9 | |
| FRCRFCKSEL | |
| frngSync | |
| FTD_ENCRYPT_15MIN | |
| FTD_ENCRYPT_1DAY | |
| FWMISMATCH | |
| fwPendingObsolete | |
| fwUpgradePending | |
| fwVersionNotDefault | |
| gfpLof | |
| GFPLOFOUT | |

Table 3-4907 Condition (continued)

| Name | Value |
|------------------------|-------|
| gfpSsf | |
| gfpUpm | |
| hdFail | |
| hdFull | |
| hiBer | |
| highGain | |
| hldOvrSync | |
| hpPlmP | |
| hpRdiP | |
| hpUneqP | |
| hwRevisionNotSupported | |
| igmpSnpgSrcLimitExceed | |
| imageNotReady | |
| incompatFan | |
| inhMsgPmRept | |
| init | |
| inMigration | |
| INSERTMOD | |
| int | |
| intErr | |
| intrusion | |
| intrusionEvt | |
| intSft | |
| intTemp | |
| intTempHigh | |
| intTempLow | |
| intTempOpt | |
| invalidEgress | |
| invalidThreshold | |
| invalidThresholdOms | |
| invalidThresholdOts | |
| invalidTopo | |
| inventoryError | |

Table 3-4907 Condition (continued)

| Name | Value |
|--------------------------|-------|
| keyDomainErr | |
| lagDeg | |
| lagLos | |
| LAGMEMBERPORTSTATECHANGE | |
| lagPortAddFailed | |
| LAGPORTADDSUCCESS | |
| LAGSTATECHANGE | |
| lagSubGrpSelect | |
| lanLfi | |
| lanLol | |
| lanLos | |
| lanRfi | |
| lanSf | |
| laserBackFacetOptPwrTca | |
| laserCoolingCurTca | |
| laserEOL | |
| laserOffLpbk | |
| lck | |
| lckOut | |
| lckTcm | |
| ledState | |
| lfd | |
| lfiEgr | |
| linkDiversity | |
| linkDown | |
| linkoamLoopDetected | |
| linkoamNonThresh | |
| linkoamPeerChng | |
| linkUp | |
| loam | |
| lockedIndicationEgress | |
| lockoutOfPr | |
| lockoutOfPrVTS1 | |

Table 3-4907 Condition (continued)

| Name | Value |
|-------------------|-------|
| lockoutOfPrVTS10 | |
| lockoutOfPrVTS2 | |
| lockoutOfPrVTS3 | |
| lockoutOfPrVTS4 | |
| lockoutOfPrVTS5 | |
| lockoutOfPrVTS6 | |
| lockoutOfPrVTS7 | |
| lockoutOfPrVTS8 | |
| lockoutOfPrVTS9 | |
| lockoutOfTimRef | |
| lockoutOfTimRefT4 | |
| lockoutToPr | |
| lof | |
| lofEgr | |
| lofLom | |
| lofLomOut | |
| lofO | |
| loGain | |
| logBuf90SecuLog | |
| logBufOvflSecuLog | |
| lol | |
| LOLA | |
| lopPauLop | |
| los | |
| losDcm | |
| losEdfa | |
| losLdSig | |
| losO | |
| losOamp | |
| losOcm | |
| losOms | |
| losOOut | |
| losOts | |

Table 3-4907 Condition (continued)

| Name | Value |
|-----------------|-------|
| losOut | |
| losP | |
| losPld | |
| lossOfLock | |
| lostClock | |
| lotOut | |
| lpbkLine | |
| lpbkTerm | |
| lspFailedApe | |
| lspFailedPre | |
| lspFailedTp | |
| lspFailedUnprot | |
| lspFailedXc | |
| lsrOutDgr | |
| lss | |
| lssEgr | |
| ltcTcm | |
| man | |
| manLR | |
| manReset | |
| manSwTimRef | |
| manSwTimRefT4 | |
| manSwToInt | |
| manSwToPri | |
| manSwToSec | |
| manWkSwBk | |
| manWkSwBkVTS1 | |
| manWkSwBkVTS10 | |
| manWkSwBkVTS2 | |
| manWkSwBkVTS3 | |
| manWkSwBkVTS4 | |
| manWkSwBkVTS5 | |
| manWkSwBkVTS6 | |

Table 3-4907 Condition (continued)

| Name | Value |
|-------------------|-------|
| manWkSwBkVTS7 | |
| manWkSwBkVTS8 | |
| manWkSwBkVTS9 | |
| manWkSwPr | |
| manWkSwPrVTS1 | |
| manWkSwPrVTS10 | |
| manWkSwPrVTS2 | |
| manWkSwPrVTS3 | |
| manWkSwPrVTS4 | |
| manWkSwPrVTS5 | |
| manWkSwPrVTS6 | |
| manWkSwPrVTS7 | |
| manWkSwPrVTS8 | |
| manWkSwPrVTS9 | |
| mepAIS | |
| mepError | |
| mepLoc | |
| mepMacError | |
| mepMmg | |
| mepRemote | |
| mepXcon | |
| mirrorDestDisable | |
| mirrorDestEnable | |
| mirrorSrcDisable | |
| mirrorSrcEnable | |
| mismatch | |
| mismatchFiber | |
| mismatchSfpXfp | |
| missing | |
| mixedPFUsed | |
| mjTca | |
| mnTca | |
| mod | |

Table 3-4907 Condition (continued)

| Name | Value |
|--------------------|-------|
| modOutOOR | |
| msim | |
| mtcesurv | |
| mtcesurvDgr | |
| neAls | |
| neFlt | |
| neModeMismatch | |
| net | |
| netCraft | |
| neUnreachable | |
| nkm | |
| nodeDeg | |
| notUsed1 | |
| notUsed2 | |
| notUsed3 | |
| notUsed4 | |
| ntpChkSig | |
| ntpClkAdj | |
| ntpLor | |
| ntpOoSync | |
| nunvComm | |
| nunvConfig | |
| nunvIndetermined | |
| nunvReversion | |
| nunvTpBlocked | |
| nunvTransmission | |
| nvMismatch | |
| oaPumpBiasCurrHigh | |
| oaPumpTempHigh | |
| objCreated | |
| objDeleted | |
| ochCollision | |
| ochCollisionOut | |

Table 3-4907 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| ochFdi | |
| ochIntErr | |
| ochKeyDup | |
| ochKeyOverlap | |
| ochKeysReused | |
| ochKeyUnavail | |
| ochMissing | |
| ochPdi | |
| ochPwrUnstable | |
| ochTrailDup | |
| ochTrailUnknown | |
| ochUnknown | |
| ochUnknownOut | |
| oci | |
| ociOut | |
| ociTem | |
| ocsAuditFail | |
| ocsAuditSuccess | |
| ocsDataFlt | |
| ocsDataRtrv | |
| ocsUnavail | |
| ocsUplinkDeleted | |
| oduAis | |
| oduAisEgress | |
| oduAisOut | |
| omsSSF | |
| openConnectionIndicationEgress | |
| opr | |
| oprIngress | |
| oprLossHigh | |
| oprLossLow | |
| oprOOR | |
| oprOut | |

Table 3-4907 Condition (continued)

| Name | Value |
|---------------------------|-------|
| oprPwrHigh | |
| oprPwrLow | |
| oprTx | |
| oprUnachieve | |
| opticalParamErr | |
| OPTICALTEST | |
| optIntBase | |
| optIntDet | |
| optIntSusp | |
| oscSsf | |
| OSNRMESC | |
| ospfAdj | |
| OTDRSCANFAIL | |
| OTDRSCANSUCCESS | |
| otmcpf | |
| otuAis | |
| ovrld | |
| PACKETCARDINIT | |
| payloadTypeMismatchEgress | |
| pcsGeneratorActive | |
| pdi | |
| pdiPauPdi | |
| PGFPGAFAIL1 | |
| PGFPGAFAIL2 | |
| PGFPGAFAIL3 | |
| PGFPGAFAIL4 | |
| PGFPGAFAIL5 | |
| PGFPGAINIT1 | |
| PGFPGAINIT2 | |
| PGFPGAINIT3 | |
| PGFPGAINIT4 | |
| PGFPGAINIT5 | |
| plm | |

Table 3-4907 Condition (continued)

| Name | Value |
|-----------------|-------|
| plmOduOut | |
| plmPauPlm | |
| ppsLos | |
| predrErr | |
| predrErrOut | |
| predrErrTopo | |
| predrErrTopoOut | |
| PTPFREERUN | |
| PTPGMDEGRADE | |
| PTPGMSWITCH | |
| PTPPATHSWITCH | |
| PTPPORTSWITCH | |
| PTPREFLOSS | |
| PTPREFUNSTABLE | |
| pwr | |
| pwrAdjComms | |
| pwrAdjFail | |
| pwrAdjFailAdd | |
| pwrAdjFailDrp | |
| pwrAdjReq | |
| pwrAdjReqAdd | |
| pwrAdjReqDrp | |
| pwrAlmp | |
| pwrEdfaMargin | |
| pwrFan | |
| pwrMargin | |
| pwrMaxGain | |
| pwrMgtOff | |
| pwrSusp | |
| pwrSuspOut | |
| pwrTiltParams | |
| pwrTiltSusp | |
| pwrUnbalance | |

Table 3-4907 Condition (continued)

| Name | Value |
|----------------------|-------|
| pwrUnbalanceOms | |
| ramanSup | |
| rcvrOptProg | |
| rdi | |
| rdiL | |
| readyToRevert | |
| REMOVEMOD | |
| replUnitMiss | |
| replUnitMissMOD | |
| reRouted | |
| restorationDisabled | |
| rfi | |
| rfiEgr | |
| rfiLmsRfi | |
| rfiPauRfi | |
| rmdCesChannelLPL | |
| rmdCesChannelNoTdmPl | |
| rmdCesChannelRPL | |
| rmdDiscoveredDevice | |
| rmdDNR | |
| rmdEQF | |
| rmdIfEFMLOP | |
| rmdIfLOS | |
| rmdIfMauANM | |
| rmdIfMauEQF | |
| rmdIfMauLOS | |
| rmdIfMauUNI | |
| rmdIfMauWUP | |
| rmdJbRecentered | |
| rmdMepLOC | |
| rmdMepMMG | |
| rmdMepRDI | |
| rmdMepUNL | |

Table 3-4907 Condition (continued)

| Name | Value |
|---------------------------|-------|
| rmMepUNM | |
| rmMepUNP | |
| rmNDF | |
| rmNimLOF | |
| rmPWR | |
| rmTypeMismatch | |
| rmUnknownEcid | |
| rmWDP | |
| rmWrongDestMac | |
| routeNotPossible | |
| sapOperDown | |
| sapStateChng | |
| sapTlsMacAddrLimitAlarm | |
| sd | |
| sdegO | |
| seepScrub | |
| serverSignalFailureEgress | |
| sf | |
| sfMismatch | |
| sfpEOL | |
| sfpReceiverPwrOOR | |
| sfpTempOOR | |
| sfpTrmtPwrOOR | |
| sft | |
| SHELFINCON | |
| shelfInVoltHigh | |
| shelfInVoltLow | |
| SHELFINVOLTMAXCUR | |
| signalDegradeEgress | |
| SLCBOOTCONTCOM | |
| SLCCARDINIT | |
| SLCCLKSYNC | |
| SLCCONTCOM | |

Table 3-4907 Condition (continued)

| Name | Value |
|------------------------|-------|
| SLCDATAFLT | |
| SLCEQPTBOOT | |
| SLCMISMATCH | |
| SLCNOTINSERVICE | |
| slcr | |
| sltmSig | |
| SPIREADERROR | |
| spLoAdjFail | |
| srgDiversity | |
| srTca | |
| ssf | |
| ssfClEgr | |
| ssfOdu | |
| ssfOduOut | |
| ssfOduTp | |
| ssfOtu | |
| SSFSECTION | |
| SSFSECTIONOUT | |
| ssfTcm | |
| subNodeUnreachable | |
| SUSPECTCLKFREQ | |
| svcOperDown | |
| svcStateChng | |
| svcTlsFwdTblFullAlarm | |
| svcTlsMfibTblFullAlarm | |
| swEqpt | |
| swftDwn | |
| swMtxMod | |
| swToSec | |
| swUpgCommit | |
| swUpgFail | |
| swUpgrade | |
| sync | |

Table 3-4907 Condition (continued)

| Name | Value |
|-----------------------|-------|
| syncActRef | |
| syncClk | |
| syncClkFail | |
| syncClkFrng | |
| syncClkHldovr | |
| syncClkMode | |
| syncClkUnit | |
| syncCommand | |
| syncEqpt | |
| syncIfTimingHoldover | |
| syncIfTimingRef1Alarm | |
| syncIfTimingRef2Alarm | |
| SYNCLOSS | |
| syncMode | |
| syncOos | |
| syncOosT4 | |
| syncRefFail | |
| syncRefUnEq | |
| syncStatChng | |
| syncSys | |
| syncSysOos | |
| syncT4Out | |
| sysBoot | |
| sysInit | |
| systemReady | |
| tBbeMs15Min | |
| tBbeMs1Day | |
| tBbeOdu15Min | |
| tBbeOdu15MinOut | |
| tBbeOdu1Day | |
| tBbeOdu1DayOut | |
| tBbeOtu15Min | |
| tBbeOtu1Day | |

Table 3-4907 Condition (continued)

| Name | Value |
|------------------|-------|
| tBbeP15Min | |
| tBbeP1Day | |
| tBbePt15Min | |
| tBbePt1Day | |
| tBbeRs15Min | |
| tBbeRs1Day | |
| tBbeRst15Min | |
| tBbeRst1Day | |
| tBbeTcm15Min | |
| tBbeTcm1Day | |
| tBerPostFec15min | |
| tBerPostFec1day | |
| tBerPreFec15min | |
| tBerPreFec1day | |
| tBiaesOtu15Min | |
| tBiaesOtu1Day | |
| tBiaesTcm15Min | |
| tBiaesTcm1Day | |
| tcmAis | |
| tCv15Min | |
| tCv1Day | |
| tCvPcs15Min | |
| tCvPcs1Day | |
| tCvPcst15Min | |
| tCvPcst1Day | |
| tCvs15Min | |
| tCvs1Day | |
| tCvst15Min | |
| tCvst1Day | |
| termOc192stm64 | |
| termOc312stm14 | |
| termOc48stm16 | |
| termOtu1 | |

Table 3-4907 Condition (continued)

| Name | Value |
|----------------|-------|
| termOtu2 | |
| tEs15Min | |
| tEs1Day | |
| tEsL15Min | |
| tEsL1Day | |
| tEsMs15Min | |
| tEsMs1Day | |
| tEsOdu15Min | |
| tEsOdu15MinOut | |
| tEsOdu1Day | |
| tEsOdu1DayOut | |
| tEsOtu15Min | |
| tEsOtu1Day | |
| tEsP15Min | |
| tEsP1Day | |
| tEsPcs15Min | |
| tEsPcs1Day | |
| tEsPcst15Min | |
| tEsPcst1Day | |
| tEsPt15Min | |
| tEsPt1Day | |
| tEsRs15Min | |
| tEsRs1Day | |
| tEsRst15Min | |
| tEsRst1Day | |
| tEss15Min | |
| tEss1Day | |
| tEsst15Min | |
| tEsst1Day | |
| tEsTcm15Min | |
| tEsTcm1Day | |
| testMode | |
| tEthpkter15Min | |

Table 3-4907 Condition (continued)

| Name | Value |
|-------------------|-------|
| tEthpkter1Day | |
| tEthpktert15Min | |
| tEthpktert1Day | |
| tFebbeMs15Min | |
| tFebbeMs1Day | |
| tFebbeOdu15Min | |
| tFeBbeOdu15MinOut | |
| tFebbeOdu1Day | |
| tFeBbeOdu1DayOut | |
| tFebbeOtu15Min | |
| tFebbeOtu1Day | |
| tFebbeTcm15Min | |
| tFebbeTcm1Day | |
| tFecc15Min | |
| tFecc1Day | |
| tFecUbc15Min | |
| tFecUbc1Day | |
| tFecUbu15Min | |
| tFecUbu1Day | |
| tFeesMs15Min | |
| tFeesMs1Day | |
| tFeesOdu15Min | |
| tFeEsOdu15MinOut | |
| tFeesOdu1Day | |
| tFeEsOdu1DayOut | |
| tFeesOtu15Min | |
| tFeesOtu1Day | |
| tFeesTcm15Min | |
| tFeesTcm1Day | |
| tFesesMs15Min | |
| tFesesMs1Day | |
| tFesesOdu15Min | |
| tFeSesOdu15MinOut | |

Table 3-4907 Condition (continued)

| Name | Value |
|-------------------|-------|
| tFesesOdu1Day | |
| tFeSesOdu1DayOut | |
| tFesesOtu15Min | |
| tFesesOtu1Day | |
| tFesesTcm15Min | |
| tFesesTcm1Day | |
| tFeuasMs15Min | |
| tFeuasMs1Day | |
| tFeuasOdu15Min | |
| tFeUasOdu15MinOut | |
| tFeuasOdu1Day | |
| tFeUasOdu1DayOut | |
| tFeuasOtu15Min | |
| tFeuasOtu1Day | |
| tFeuasTcm15Min | |
| tFeuasTcm1Day | |
| tIaesOtu15Min | |
| tIaesOtu1Day | |
| tIaesTcm15Min | |
| tIaesTcm1Day | |
| tim | |
| timOdu | |
| timOduOut | |
| timTcm | |
| toDDEG | |
| toDLOS | |
| TODREFUNSTABLE | |
| tOprh15Min | |
| tOprh1Day | |
| tOprhLane1 | |
| tOprhLane10 | |
| tOprhLane2 | |
| tOprhLane3 | |

Table 3-4907 Condition (continued)

| Name | Value |
|-------------|-------|
| tOprhLane4 | |
| tOprhLane5 | |
| tOprhLane6 | |
| tOprhLane7 | |
| tOprhLane8 | |
| tOprhLane9 | |
| tOprl15Min | |
| tOprl1Day | |
| tOprlLane1 | |
| tOprlLane10 | |
| tOprlLane2 | |
| tOprlLane3 | |
| tOprlLane4 | |
| tOprlLane5 | |
| tOprlLane6 | |
| tOprlLane7 | |
| tOprlLane8 | |
| tOprlLane9 | |
| tOpth15Min | |
| tOpth1Day | |
| tOpthLane1 | |
| tOpthLane10 | |
| tOpthLane2 | |
| tOpthLane3 | |
| tOpthLane4 | |
| tOpthLane5 | |
| tOpthLane6 | |
| tOpthLane7 | |
| tOpthLane8 | |
| tOpthLane9 | |
| tOptl15Min | |
| tOptl1Day | |
| tOptlLane1 | |

Table 3-4907 Condition (continued)

| Name | Value |
|-------------------|-------|
| tOptiLane10 | |
| tOptiLane2 | |
| tOptiLane3 | |
| tOptiLane4 | |
| tOptiLane5 | |
| tOptiLane6 | |
| tOptiLane7 | |
| tOptiLane8 | |
| tOptiLane9 | |
| tPmonDmaBfd15Min | |
| tPmonDmaBfd1Day | |
| tPmonDmaffd15Min | |
| tPmonDmaffd1Day | |
| tPmonDmafFdv15Min | |
| tPmonDmafFdv1Day | |
| tPmonDmanfd15Min | |
| tPmonDmanfd1Day | |
| tPmonDmanFdv15Min | |
| tPmonDmanFdv1Day | |
| tPmonDmxBfd15Min | |
| tPmonDmxBfd1Day | |
| tPmonDmxffd15Min | |
| tPmonDmxffd1Day | |
| tPmonDmxFdv15Min | |
| tPmonDmxFdv1Day | |
| tPmonDmxnfd15Min | |
| tPmonDmxnfd1Day | |
| tPmonDmxnFdv15Min | |
| tPmonDmxnFdv1Day | |
| tPmonLmafflr15Min | |
| tPmonLmafflr1Day | |
| tPmonLmanflr15Min | |
| tPmonLmanflr1Day | |

Table 3-4907 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonLmfhli15Min | |
| tPmonLmfhli1Day | |
| tPmonLmnhli15Min | |
| tPmonLmnhli1Day | |
| tPmonLmxfflr15Min | |
| tPmonLmxfflr1Day | |
| tPmonLmxnflr15Min | |
| tPmonLmxnflr1Day | |
| tPmonPortHighCapacityOctets15Min | |
| tPmonPortHighCapacityOctets1Day | |
| tPmonPortHighCapacityPkts15Min | |
| tPmonPortHighCapacityPkts1Day | |
| tPmonPortIfInDiscards15Min | |
| tPmonPortIfInDiscards1Day | |
| tPmonPortIfInErrors15Min | |
| tPmonPortIfInErrors1Day | |
| tPmonPortIfInOctets15Min | |
| tPmonPortIfInOctets1Day | |
| tPmonPortIfInPackets | |
| tPmonPortIfInPackets15Min | |
| tPmonPortIfOutDiscards15Min | |
| tPmonPortIfOutDiscards1Day | |
| tPmonPortIfOutErrors15Min | |
| tPmonPortIfOutErrors1Day | |
| tPmonPortIfOutOctets15Min | |
| tPmonPortIfOutOctets1Day | |
| tPmonPortIfOutPackets15Min | |
| tPmonPortIfOutPackets1Day | |
| tPmonPortQueue1OctetsDropped15Min | |
| tPmonPortQueue1OctetsDropped1Day | |
| tPmonPortQueue1PktsDropped15Min | |
| tPmonPortQueue1PktsDropped1Day | |
| tPmonPortQueue2OctetsDropped15Min | |

Table 3-4907 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortQueue2OctetsDropped1Day | |
| tPmonPortQueue2PktsDropped15Min | |
| tPmonPortQueue2PktsDropped1Day | |
| tPmonPortQueue3OctetsDropped15Min | |
| tPmonPortQueue3OctetsDropped1Day | |
| tPmonPortQueue3PktsDropped15Min | |
| tPmonPortQueue3PktsDropped1Day | |
| tPmonPortQueue4OctetsDropped15Min | |
| tPmonPortQueue4OctetsDropped1Day | |
| tPmonPortQueue4PktsDropped15Min | |
| tPmonPortQueue4PktsDropped1Day | |
| tPmonPortQueue5OctetsDropped15Min | |
| tPmonPortQueue5OctetsDropped1Day | |
| tPmonPortQueue5PktsDropped15Min | |
| tPmonPortQueue5PktsDropped1Day | |
| tPmonPortQueue6OctetsDropped15Min | |
| tPmonPortQueue6OctetsDropped1Day | |
| tPmonPortQueue6PktsDropped15Min | |
| tPmonPortQueue6PktsDropped1Day | |
| tPmonPortQueue7OctetsDropped15Min | |
| tPmonPortQueue7OctetsDropped1Day | |
| tPmonPortQueue7PktsDropped15Min | |
| tPmonPortQueue7PktsDropped1Day | |
| tPmonPortQueue8OctetsDropped15Min | |
| tPmonPortQueue8OctetsDropped1Day | |
| tPmonPortQueue8PktsDropped15Min | |
| tPmonPortQueue8PktsDropped1Day | |
| tPmonSapIngressOctetsDropped15Min | |
| tPmonSapIngressOctetsDropped1Day | |
| tPmonSapIngressPktsDropped15Min | |
| tPmonSapIngressPktsDropped1Day | |
| tPmonSlmafflr15Min | |
| tPmonSlmafFlr1Day | |

Table 3-4907 Condition (continued)

| Name | Value |
|------------------------------------|-------|
| tPmonSlmafflrContinuous | |
| tPmonSlmanflr15Min | |
| tPmonSlmanFlr1Day | |
| tPmonSlmanflrContinuous | |
| tPmonSlmfhli15Min | |
| tPmonSlmfhli1Day | |
| tPmonSlmfhliContinuous | |
| tPmonSlmnhli15Min | |
| tPmonSlmnhli1Day | |
| tPmonSlmnhliContinuous | |
| tPmonSlmxflr1Day | |
| tPmonSlmxfflrContinuous | |
| tPmonSlmxnFlr1Day | |
| tPmonSlmxnflrContinuous | |
| tPostFec15Min | |
| tPostFec1Day | |
| tPreFec15Min | |
| tPreFec1Day | |
| trailTraceIdentifierMismatchEgress | |
| transferLogFL | |
| transferLogFT | |
| transferLogIP | |
| trmt | |
| trmtMOD | |
| TRUBRKROPEN | |
| tSefs15Min | |
| tSefs1Day | |
| tSefsPcs15Min | |
| tSefsPcs1Day | |
| tSefsPcst15Min | |
| tSefsPcst1Day | |
| tSefss15Min | |
| tSefss1Day | |

Table 3-4907 Condition (continued)

| Name | Value |
|-----------------|-------|
| tSefsst15Min | |
| tSefsst1Day | |
| tSes15Min | |
| tSes1Day | |
| tSesL15Min | |
| tSesL1Day | |
| tSesMs15Min | |
| tSesMs1Day | |
| tSesOdu15Min | |
| tSesOdu15MinOut | |
| tSesOdu1Day | |
| tSesOdu1DayOut | |
| tSesOtu15Min | |
| tSesOtu1Day | |
| tSesP15Min | |
| tSesP1Day | |
| tSesPcs15Min | |
| tSesPcs1Day | |
| tSesPcst15Min | |
| tSesPcst1Day | |
| tSesPt15Min | |
| tSesPt1Day | |
| tSesRs15Min | |
| tSesRs1Day | |
| tSesRst15Min | |
| tSesRst1Day | |
| tSess15Min | |
| tSess1Day | |
| tSesst15Min | |
| tSesst1Day | |
| tSesTcm15Min | |
| tSesTcm1Day | |
| tsMismatch | |

Table 3-4907 Condition (continued)

| Name | Value |
|-----------------|-------|
| tsMismatchOut | |
| tUasMs15Min | |
| tUasMs1Day | |
| tUasOdu15Min | |
| tUasOdu15MinOut | |
| tUasOdu1Day | |
| tUasOdu1DayOut | |
| tUasOtu15Min | |
| tUasOtu1Day | |
| tUasP15Min | |
| tUasP1Day | |
| tUasPt15Min | |
| tUasPt1Day | |
| tUasRs15Min | |
| tUasRs1Day | |
| tUasRst15Min | |
| tUasRst1Day | |
| tUasTcm15Min | |
| tUasTcm1Day | |
| unexWkSet | |
| unknown | |
| unknownNotif | |
| unknownSfpXfp | |
| unL | |
| unM | |
| unMOrUnP | |
| unP | |
| unPr | |
| upm | |
| uruOchLos | |
| uruOmsRx | |
| uruOmsTx | |
| uruOtsLos | |

Table 3-4907 Condition (continued)

| Name | Value |
|------------------|-------|
| uruOtsRx | |
| uruOtsTx | |
| uruOtu | |
| uruS | |
| usAis | |
| usAls | |
| userEqptMismatch | |
| usFlt | |
| usIdle | |
| usLos | |
| usOchCollision | |
| usSFEber | |
| vcgDown | |
| vcgLoa | |
| vcgMap | |
| vcgSsf | |
| vcMfi | |
| voltage | |
| voltageHigh | |
| voltageLow | |
| vtsConnCreation | |
| vtsFdi | |
| vtsFdi1 | |
| vtsFdi10 | |
| vtsFdi11 | |
| vtsFdi12 | |
| vtsFdi13 | |
| vtsFdi14 | |
| vtsFdi15 | |
| vtsFdi16 | |
| vtsFdi17 | |
| vtsFdi18 | |
| vtsFdi19 | |

Table 3-4907 Condition (continued)

| Name | Value |
|----------|-------|
| vtsFdi2 | |
| vtsFdi20 | |
| vtsFdi21 | |
| vtsFdi22 | |
| vtsFdi23 | |
| vtsFdi24 | |
| vtsFdi25 | |
| vtsFdi26 | |
| vtsFdi27 | |
| vtsFdi28 | |
| vtsFdi29 | |
| vtsFdi3 | |
| vtsFdi30 | |
| vtsFdi31 | |
| vtsFdi32 | |
| vtsFdi4 | |
| vtsFdi5 | |
| vtsFdi6 | |
| vtsFdi7 | |
| vtsFdi8 | |
| vtsFdi9 | |
| vtsOci | |
| vtsOci1 | |
| vtsOci10 | |
| vtsOci11 | |
| vtsOci12 | |
| vtsOci13 | |
| vtsOci14 | |
| vtsOci15 | |
| vtsOci16 | |
| vtsOci17 | |
| vtsOci18 | |
| vtsOci19 | |

Table 3-4907 Condition (continued)

| Name | Value |
|-------------|-------|
| vtsOci2 | |
| vtsOci20 | |
| vtsOci21 | |
| vtsOci22 | |
| vtsOci23 | |
| vtsOci24 | |
| vtsOci25 | |
| vtsOci26 | |
| vtsOci27 | |
| vtsOci28 | |
| vtsOci29 | |
| vtsOci3 | |
| vtsOci30 | |
| vtsOci31 | |
| vtsOci32 | |
| vtsOci4 | |
| vtsOci5 | |
| vtsOci6 | |
| vtsOci7 | |
| vtsOci8 | |
| vtsOci9 | |
| warnTca | |
| wkSwBk | |
| wkSwPr | |
| wkSwPrVTS1 | |
| wkSwPrVTS10 | |
| wkSwPrVTS2 | |
| wkSwPrVTS3 | |
| wkSwPrVTS4 | |
| wkSwPrVTS5 | |
| wkSwPrVTS6 | |
| wkSwPrVTS7 | |
| wkSwPrVTS8 | |

Table 3-4907 Condition (continued)

| Name | Value |
|-------------------|-------|
| wkSwPrVTS9 | |
| wtocmaPoutRanOsnr | |
| wtr | |

Default Severity**Table 3-4908 Default Severity**

| Name | Value |
|--------------------------|------------------|
| Description | Default severity |
| Displayed name | Default Severity |
| Mandatory on creation | yes |
| OSS name | defaultSeverity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

Override Severity**Table 3-4909 Override Severity**

| Name | Value |
|--------------------------|-------------------|
| Description | Override severity |
| Displayed name | Override Severity |
| OSS name | severity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

Port ID**Table 3-4910 Port ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Port ID |
| OSS name | sapPortId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Service ID**Table 3-4911 Service ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Service ID |
| OSS name | serviceld |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Sas Port parameters

Access Egress Policy**Table 3-4912 Access Egress Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the Access Egress used by this port. Only applicable to 7210 SAS-E/M Ports. |
| Displayed name | Access Egress Policy |
| OSS name | accessEgressPolicy |
| Read-only | no |
| Tab Panel | General Access Egress |
| Type | POINTER |

Network Policy**Table 3-4913 Network Policy**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the Network policy used by this port/interface. Only applicable to 7210 SAS-E Ports and 7210 SAS-M interfaces. |
| Displayed name | Network Policy |
| OSS name | networkPolicy |
| Read-only | no |
| Tab Panel | General Network |

Table 3-4913 Network Policy (continued)

| Name | Value |
|------|---------|
| Type | POINTER |

Network Queue Policy**Table 3-4914 Network Queue Policy**

| Name | Value |
|----------------|---------------------------|
| Default | yes: |
| Displayed name | Network Queue Policy |
| OSS name | networkQueueObjectPointer |
| Read-only | no |
| Tab Panel | General Network Queue |
| Type | POINTER |

Port Scheduler Policy**Table 3-4915 Port Scheduler Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the port scheduler policy used by this port. Only applicable to 7210 SAS-E/M Ports. |
| Displayed name | Port Scheduler Policy |
| OSS name | portSchedulerPolicy |
| Read-only | no |
| Tab Panel | General Port Scheduler |
| Type | POINTER |

Service Alarm Category (OamTestAlarmCategory, optical) parameters

Category

Table 3-4916 Category

| Name | Value |
|--------------------------|----------------------|
| Description | The trap entity type |
| Displayed name | Category |
| Mandatory on creation | yes |
| OSS name | alarmEntityType |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapEntityType |
| Enumerated types: | |
| 100GBE | |
| 10GBE | |
| 1GBE | |
| 40GBE | |
| ALL | |
| BITS | |
| CBR10G3 | |
| CBR2G5 | |
| CBRAR | |
| COM | |
| CPDPR | |
| CPLMP | |
| CPNEIGHBOR | |
| CPRSVP | |
| DBLINK | |
| DDR | |
| E1 | |
| ENV | |
| EQPT | |
| FC100 | |

Table 3-4916 Category (continued)

| Name | Value |
|--------------|-------|
| FC10G | |
| FC16G | |
| FC200 | |
| FC400 | |
| FC800 | |
| FE | |
| GMRENODE | |
| LAG | |
| LINEREF | |
| LOG | |
| LOODU | |
| LSP | |
| MEP | |
| NETIF | |
| OC12/STM4 | |
| OC192/STM64 | |
| OC3/STM1 | |
| OC48/STM16 | |
| OC768/STM256 | |
| OCH | |
| ODU0 | |
| ODU0TCM | |
| ODU1 | |
| ODU1F | |
| ODU1FTCM | |
| ODU1ODU0 | |
| ODU1ODU0TCM | |
| ODU1PTF | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2EODU0 | |
| ODU2EODU0TCM | |

Table 3-4916 Category (continued)

| Name | Value |
|----------------|-------|
| ODU2EODU1 | |
| ODU2EODU1TCM | |
| ODU2EODUF | |
| ODU2EODUFTCM | |
| ODU2ETCM | |
| ODU2ODU0 | |
| ODU2ODU0TCM | |
| ODU2ODU1 | |
| ODU2ODU1TCM | |
| ODU2ODUF | |
| ODU2ODUFTCM | |
| ODU2TCM | |
| ODU3 | |
| ODU3E | |
| ODU3E2 | |
| ODU3E2ODU0 | |
| ODU3E2ODU0TCM | |
| ODU3E2ODU1 | |
| ODU3E2ODU1TCM | |
| ODU3E2ODU2 | |
| ODU3E2ODU2E | |
| ODU3E2ODU2ETCM | |
| ODU3E2ODU2TCM | |
| ODU3E2ODUF | |
| ODU3E2ODUFTCM | |
| ODU3E2TCM | |
| ODU3EODU0 | |
| ODU3EODU0TCM | |
| ODU3EODU1 | |
| ODU3EODU1TCM | |
| ODU3EODU2 | |
| ODU3EODU2E | |
| ODU3EODU2ETCM | |

Table 3-4916 Category (continued)

| Name | Value |
|---------------|-------|
| ODU3EODU2TCM | |
| ODU3EODUF | |
| ODU3EODUFTCM | |
| ODU3ETCM | |
| ODU3ODU0 | |
| ODU3ODU0TCM | |
| ODU3ODU1 | |
| ODU3ODU1TCM | |
| ODU3ODU2 | |
| ODU3ODU2E | |
| ODU3ODU2ETCM | |
| ODU3ODU2TCM | |
| ODU3ODUF | |
| ODU3ODUFTCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4ODU0 | |
| ODU4ODU0TCM | |
| ODU4ODU1 | |
| ODU4ODU1F | |
| ODU4ODU1FTCM | |
| ODU4ODU1TCM | |
| ODU4ODU2 | |
| ODU4ODU2E | |
| ODU4ODU2ETCM | |
| ODU4ODU2TCM | |
| ODU4ODU3 | |
| ODU4ODU3E | |
| ODU4ODU3E2 | |
| ODU4ODU3E2TCM | |
| ODU4ODU3ETCM | |
| ODU4ODU3TCM | |
| ODU4ODUF | |

Table 3-4916 Category (continued)

| Name | Value |
|--------------|-------|
| ODU4ODUFTCM | |
| ODU4TCM | |
| ODUF | |
| ODUFTCM | |
| OFA | |
| OMS | |
| OPTSG | |
| OTNFAC | |
| OTS | |
| OTU | |
| OTU0 | |
| OTU1 | |
| OTU1F | |
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E | |
| OTU3E2 | |
| OTU4 | |
| OTUODU0 | |
| OTUODU0TCM | |
| OTUODU1 | |
| OTUODU1F | |
| OTUODU1TCM | |
| OTUODU2 | |
| OTUODU2E | |
| OTUODU2ETCM | |
| OTUODU2TCM | |
| OTUODU3 | |
| OTUODU3E | |
| OTUODU3E2 | |
| OTUODU3E2TCM | |
| OTUODU3ETCM | |

Table 3-4916 Category (continued)

| Name | Value |
|--------------|-------|
| OTUODU3TCM | |
| OTUODU4 | |
| OTUODU4TCM | |
| OTUOODU1FTCM | |
| PLK | |
| PM | |
| PTPCLOCK | |
| PTPPORT | |
| RMD | |
| RMDCESCHNNEL | |
| RMDIF | |
| RMDIFMAU | |
| RMDMEP | |
| RMDNIM | |
| SCLOCK | |
| SDR | |
| SESSION | |
| SRERP | |
| SRMEP | |
| SROAMSACTL | |
| SRSAP | |
| SRSVC | |
| SYNC | |
| TELINK | |
| TIMING | |
| TOD | |
| TRU | |
| VTS | |

Condition**Table 3-4917 Condition**

| Name | Value |
|--------------------------|--------------------|
| Description | The trap condition |
| Displayed name | Condition |
| Mandatory on creation | yes |
| OSS name | alarmCondition |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCondition |
| Enumerated types: | |
| aesFipsFailure | |
| aisLM | |
| aisLmsAis | |
| aisPauAis | |
| aisTcm | |
| alienEgrLOS | |
| allChanMiss | |
| allChanMissOut | |
| almRSync | |
| almRSyncEnd | |
| ampDisabled | |
| ampEol | |
| ANNOUNCELOSS | |
| apeInProgress | |
| APRFORCED | |
| aprInvalidTopo | |
| APRLIMITED | |
| aprLine | |
| aprNode | |
| aprOsc | |
| aprSwitch | |
| aprUnavail | |
| aprUnavailOsc | |
| apsB | |

Table 3-4917 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| apsCm | |
| apsMm | |
| apsNoRed | |
| arcIND | |
| asonTopo | |
| auAisP | |
| auLopP | |
| authFail | |
| autoReset | |
| autoSwTimRef | |
| autoSwTimRefT4 | |
| autoSyncSw | |
| bISd | |
| backupUnavail | |
| backwardDefectIndicationEgress | |
| BADCLKFREQ | |
| baseline | |
| bdi | |
| bdiOdu | |
| bdiOduOut | |
| bdiTem | |
| binsRolled | |
| bitsAIS | |
| bitsLof | |
| bitsLos | |
| bitsMAN | |
| bkupCom | |
| boardEqpt | |
| brkTrip | |
| capBuf | |
| cardBoot | |
| CARDCLKOFFFREQ | |
| cardIdRcvd | |

Table 3-4917 Condition (continued)

| Name | Value |
|--------------------|-------|
| cardInBoot | |
| cardInit | |
| cardInitBcm | |
| cardInitFail | |
| cardInitNonBcm | |
| cardNotAllowed | |
| cardSanity | |
| cbr10G3RxLOS | |
| cbr10G3RxLSS | |
| ccActChg | |
| cfCapacityWarning | |
| cfmAisEvnt | |
| cfmDmTestComplete | |
| cfmFltEvnt | |
| cfmLbmTestComplete | |
| cfmLmTestComplete | |
| cfmLtmTestComplete | |
| cfmSlmTestComplete | |
| change | |
| channelViolation | |
| chkBkplane | |
| ckm | |
| clearAllTcas | |
| colorViolation | |
| comm | |
| commDeg | |
| commDown | |
| configFail | |
| CONFIGMM | |
| contBus | |
| contCom | |
| contComm | |
| contEqpt | |

Table 3-4917 Condition (continued)

| Name | Value |
|----------------|-------|
| contEqptSplit | |
| contr | |
| contrDup | |
| contrenDgr | |
| contrenFail | |
| contrOut | |
| cpuPerformance | |
| crdInit | |
| crTca | |
| csf | |
| csfGfp | |
| CSFGFPOUT | |
| csfOduEgr | |
| csfOduOut | |
| dataErr | |
| dataFlt | |
| dbErr | |
| dbFl | |
| dbFt | |
| dbFull | |
| dbInvalid | |
| dbMemTrf | |
| dbUnsync | |
| dcConfigFail | |
| deg | |
| degOtu | |
| degOut | |
| degTcm | |
| DELAYRESLOSS | |
| DISCOVERMOD | |
| dormantUser | |
| dwAis | |
| dwLof | |

Table 3-4917 Condition (continued)

| Name | Value |
|------------------|-------|
| dwLom | |
| dwSd | |
| dwSf | |
| e1AisEgr | |
| e1AisL | |
| e1Lof | |
| e1LofEgr | |
| e1Los | |
| e1NoCrc4M | |
| e1NoCRC4MEgr | |
| e1Rai | |
| e1RaiEgr | |
| ebero | |
| egressSSF | |
| envInput1Active | |
| envInput2Active | |
| envInput3Active | |
| envInput4Active | |
| envInput5Active | |
| envInput6Active | |
| envInput7Active | |
| envInput8Active | |
| eptUploadErr | |
| eqpt | |
| eqptCrypto | |
| eqptDgr | |
| eqptDgrMon | |
| eqptDgrOch | |
| eqptDgrOchOut | |
| eqptDgrOut | |
| eqptPort | |
| erpFwdStateChng | |
| ESCABLEMISMATCH1 | |

Table 3-4917 Condition (continued)

| Name | Value |
|-------------------------|-------|
| ESCABLEMISMATCH10 | |
| ESCABLEMISMATCH11 | |
| ESCABLEMISMATCH12 | |
| ESCABLEMISMATCH13 | |
| ESCABLEMISMATCH14 | |
| ESCABLEMISMATCH15 | |
| ESCABLEMISMATCH16 | |
| ESCABLEMISMATCH17 | |
| ESCABLEMISMATCH18 | |
| ESCABLEMISMATCH19 | |
| ESCABLEMISMATCH2 | |
| ESCABLEMISMATCH20 | |
| ESCABLEMISMATCH21 | |
| ESCABLEMISMATCH22 | |
| ESCABLEMISMATCH23 | |
| ESCABLEMISMATCH24 | |
| ESCABLEMISMATCH3 | |
| ESCABLEMISMATCH4 | |
| ESCABLEMISMATCH5 | |
| ESCABLEMISMATCH6 | |
| ESCABLEMISMATCH7 | |
| ESCABLEMISMATCH8 | |
| ESCABLEMISMATCH9 | |
| escLatchFail | |
| esm | |
| ethCSF | |
| ethRingPathProvMismatch | |
| etrMismatch | |
| etrMismatchMod | |
| excessLoad | |
| excessLoss | |
| facServ | |
| facTerm | |

Table 3-4917 Condition (continued)

| Name | Value |
|----------------------|-------|
| facTermDev | |
| facTermDgr | |
| fan32HRqd | |
| fanSpeed | |
| fanSpeedHigh | |
| fanSpeedLow | |
| fanSpeedMan | |
| farEndLos | |
| faulty | |
| fdi | |
| fdiClt | |
| feAls | |
| feasibilityViolation | |
| fecEcSd | |
| fecFail | |
| fecUbcSd | |
| feFlt | |
| feLfi | |
| feLos | |
| feLss | |
| fePortMismatch | |
| fePrLf | |
| feRfi | |
| fipsFailure | |
| fipsSwMismatch | |
| flt | |
| fpgaFail | |
| FPGAFAILNSA | |
| fpgaInit | |
| FPGAINIT1 | |
| FPGAINIT10 | |
| FPGAINIT2 | |
| FPGAINIT3 | |

Table 3-4917 Condition (continued)

| Name | Value |
|-----------------|-------|
| FPGAINIT4 | |
| FPGAINIT5 | |
| FPGAINIT6 | |
| FPGAINIT7 | |
| FPGAINIT8 | |
| FPGAINIT9 | |
| FPGAINITNSA1 | |
| FPGAINITNSA10 | |
| FPGAINITNSA2 | |
| FPGAINITNSA3 | |
| FPGAINITNSA4 | |
| FPGAINITNSA5 | |
| FPGAINITNSA6 | |
| FPGAINITNSA7 | |
| FPGAINITNSA8 | |
| FPGAINITNSA9 | |
| FPGAPRELOAD | |
| fpgaTimeout | |
| FPGATIMEOUTNSA | |
| frcdSwTimRef | |
| frcdSwTimRefT4 | |
| frcdWkSwBk | |
| frcdWkSwBkVTS1 | |
| frcdWkSwBkVTS10 | |
| frcdWkSwBkVTS2 | |
| frcdWkSwBkVTS3 | |
| frcdWkSwBkVTS4 | |
| frcdWkSwBkVTS5 | |
| frcdWkSwBkVTS6 | |
| frcdWkSwBkVTS7 | |
| frcdWkSwBkVTS8 | |
| frcdWkSwBkVTS9 | |
| frcdWkSwPr | |

Table 3-4917 Condition (continued)

| Name | Value |
|------------------------|-------|
| frcdWkSwPrVTS1 | |
| frcdWkSwPrVTS10 | |
| frcdWkSwPrVTS2 | |
| frcdWkSwPrVTS3 | |
| frcdWkSwPrVTS4 | |
| frcdWkSwPrVTS5 | |
| frcdWkSwPrVTS6 | |
| frcdWkSwPrVTS7 | |
| frcdWkSwPrVTS8 | |
| frcdWkSwPrVTS9 | |
| FRCRFCKSEL | |
| frngSync | |
| FTD_ENCRYPT_15MIN | |
| FTD_ENCRYPT_1DAY | |
| FWMISMATCH | |
| fwPendingObsolete | |
| fwUpgradePending | |
| fwVersionNotDefault | |
| gfpLof | |
| GFPLOFOUT | |
| gfpSsf | |
| gfpUpm | |
| hdFail | |
| hdFull | |
| hiBer | |
| highGain | |
| hldOvrSync | |
| hpPlmP | |
| hpRdiP | |
| hpUneqP | |
| hwRevisionNotSupported | |
| igmpSnpgSrcLimitExceed | |
| imageNotReady | |

Table 3-4917 Condition (continued)

| Name | Value |
|--------------------------|-------|
| incompatFan | |
| inhMsgPmRept | |
| init | |
| inMigration | |
| INSERTMOD | |
| int | |
| intErr | |
| intrusion | |
| intrusionEvt | |
| intSft | |
| intTemp | |
| intTempHigh | |
| intTempLow | |
| intTempOpt | |
| invalidEgress | |
| invalidThreshold | |
| invalidThresholdOms | |
| invalidThresholdOts | |
| invalidTopo | |
| inventoryError | |
| keyDomainErr | |
| lagDeg | |
| lagLos | |
| LAGMEMBERPORTSTATECHANGE | |
| lagPortAddFailed | |
| LAGPORTADDSUCCESS | |
| LAGSTATECHANGE | |
| lagSubGrpSelect | |
| lanLfi | |
| lanLol | |
| lanLos | |
| lanRfi | |
| lanSf | |

Table 3-4917 Condition (continued)

| Name | Value |
|-------------------------|-------|
| laserBackFacetOptPwrTca | |
| laserCoolingCurTca | |
| laserEOL | |
| laserOffLpbk | |
| lck | |
| lckOut | |
| lckTcm | |
| ledState | |
| lfd | |
| lfiEgr | |
| linkDiversity | |
| linkDown | |
| linkoamLoopDetected | |
| linkoamNonThresh | |
| linkoamPeerChng | |
| linkUp | |
| loam | |
| lockedIndicationEgress | |
| lockoutOfPr | |
| lockoutOfPrVTS1 | |
| lockoutOfPrVTS10 | |
| lockoutOfPrVTS2 | |
| lockoutOfPrVTS3 | |
| lockoutOfPrVTS4 | |
| lockoutOfPrVTS5 | |
| lockoutOfPrVTS6 | |
| lockoutOfPrVTS7 | |
| lockoutOfPrVTS8 | |
| lockoutOfPrVTS9 | |
| lockoutOfTimRef | |
| lockoutOfTimRefT4 | |
| lockoutToPr | |
| lof | |

Table 3-4917 Condition (continued)

| Name | Value |
|-------------------|-------|
| lofEgr | |
| lofLom | |
| lofLomOut | |
| lofO | |
| loGain | |
| logBuf90SecuLog | |
| logBufOvflSecuLog | |
| lol | |
| LOLA | |
| lopPauLop | |
| los | |
| losDcm | |
| losEdfa | |
| losLdSig | |
| losO | |
| losOamp | |
| losOcm | |
| losOms | |
| losOOut | |
| losOts | |
| losOut | |
| losP | |
| losPld | |
| lossOfLock | |
| lostClock | |
| lotOut | |
| lpbkLine | |
| lpbkTerm | |
| lspFailedApe | |
| lspFailedPre | |
| lspFailedTp | |
| lspFailedUnprot | |
| lspFailedXc | |

Table 3-4917 Condition (continued)

| Name | Value |
|----------------|-------|
| IsrOutDgr | |
| Iss | |
| IssEgr | |
| ltcTcm | |
| man | |
| manLR | |
| manReset | |
| manSwTimRef | |
| manSwTimRefT4 | |
| manSwToInt | |
| manSwToPri | |
| manSwToSec | |
| manWkSwBk | |
| manWkSwBkVTS1 | |
| manWkSwBkVTS10 | |
| manWkSwBkVTS2 | |
| manWkSwBkVTS3 | |
| manWkSwBkVTS4 | |
| manWkSwBkVTS5 | |
| manWkSwBkVTS6 | |
| manWkSwBkVTS7 | |
| manWkSwBkVTS8 | |
| manWkSwBkVTS9 | |
| manWkSwPr | |
| manWkSwPrVTS1 | |
| manWkSwPrVTS10 | |
| manWkSwPrVTS2 | |
| manWkSwPrVTS3 | |
| manWkSwPrVTS4 | |
| manWkSwPrVTS5 | |
| manWkSwPrVTS6 | |
| manWkSwPrVTS7 | |
| manWkSwPrVTS8 | |

Table 3-4917 Condition (continued)

| Name | Value |
|-------------------|-------|
| manWkSwPrVTS9 | |
| mepAIS | |
| mepError | |
| mepLoc | |
| mepMacError | |
| mepMmg | |
| mepRemote | |
| mepXcon | |
| mirrorDestDisable | |
| mirrorDestEnable | |
| mirrorSrcDisable | |
| mirrorSrcEnable | |
| mismatch | |
| mismatchFiber | |
| mismatchSfpXfp | |
| missing | |
| mixedPFUsed | |
| mjTca | |
| mnTca | |
| mod | |
| modOutOOR | |
| msim | |
| mtcesurv | |
| mtcesurvDgr | |
| neAls | |
| neFlt | |
| neModeMismatch | |
| net | |
| netCraft | |
| neUnreachable | |
| nkm | |
| nodeDeg | |
| notUsed1 | |

Table 3-4917 Condition (continued)

| Name | Value |
|--------------------|-------|
| notUsed2 | |
| notUsed3 | |
| notUsed4 | |
| ntpChkSig | |
| ntpClkAdj | |
| ntpLor | |
| ntpOoSync | |
| nunvComm | |
| nunvConfig | |
| nunvIndetermined | |
| nunvReversion | |
| nunvTpBlocked | |
| nunvTransmission | |
| nvMismatch | |
| oaPumpBiasCurrHigh | |
| oaPumpTempHigh | |
| objCreated | |
| objDeleted | |
| ochCollision | |
| ochCollisionOut | |
| ochFdi | |
| ochIntErr | |
| ochKeyDup | |
| ochKeyOverlap | |
| ochKeysReused | |
| ochKeyUnavail | |
| ochMissing | |
| ochPdi | |
| ochPwrUnstable | |
| ochTrailDup | |
| ochTrailUnknown | |
| ochUnknown | |
| ochUnknownOut | |

Table 3-4917 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| oci | |
| ociOut | |
| ociTcm | |
| ocsAuditFail | |
| ocsAuditSuccess | |
| ocsDataFlt | |
| ocsDataRtrv | |
| ocsUnavail | |
| ocsUplinkDeleted | |
| oduAis | |
| oduAisEgress | |
| oduAisOut | |
| omsSSF | |
| openConnectionIndicationEgress | |
| opr | |
| oprIngress | |
| oprLossHigh | |
| oprLossLow | |
| oprOOR | |
| oprOut | |
| oprPwrHigh | |
| oprPwrLow | |
| oprTx | |
| oprUnachieve | |
| opticalParamErr | |
| OPTICALTEST | |
| optIntBase | |
| optIntDet | |
| optIntSusp | |
| oscSsf | |
| OSNRMESC | |
| ospfAdj | |
| OTDRSCANFAIL | |

Table 3-4917 Condition (continued)

| Name | Value |
|---------------------------|-------|
| OTDRSCANSUCCESS | |
| otmcpf | |
| otuAis | |
| ovrld | |
| PACKETCARDINIT | |
| payloadTypeMismatchEgress | |
| pcsGeneratorActive | |
| pdi | |
| pdiPauPdi | |
| PGFPGAFAIL1 | |
| PGFPGAFAIL2 | |
| PGFPGAFAIL3 | |
| PGFPGAFAIL4 | |
| PGFPGAFAIL5 | |
| PGFPGAINIT1 | |
| PGFPGAINIT2 | |
| PGFPGAINIT3 | |
| PGFPGAINIT4 | |
| PGFPGAINIT5 | |
| plm | |
| plmOduOut | |
| plmPauPlm | |
| ppsLos | |
| prcdrErr | |
| prcdrErrOut | |
| prcdrErrTopo | |
| prcdrErrTopoOut | |
| PTPFREERUN | |
| PTPGMDEGRADE | |
| PTPGMSWITCH | |
| PTPPATHSWITCH | |
| PTPPORTSWITCH | |
| PTPREFLOSS | |

Table 3-4917 Condition (continued)

| Name | Value |
|---------------------|-------|
| PTPREFUNSTABLE | |
| pwr | |
| pwrAdjComms | |
| pwrAdjFail | |
| pwrAdjFailAdd | |
| pwrAdjFailDrp | |
| pwrAdjReq | |
| pwrAdjReqAdd | |
| pwrAdjReqDrp | |
| pwrAlmp | |
| pwrEdfaMargin | |
| pwrFan | |
| pwrMargin | |
| pwrMaxGain | |
| pwrMgtOff | |
| pwrSusp | |
| pwrSuspOut | |
| pwrTiltParams | |
| pwrTiltSusp | |
| pwrUnbalance | |
| pwrUnbalanceOms | |
| ramanSup | |
| rcvrOptProg | |
| rdi | |
| rdiL | |
| readyToRevert | |
| REMOVEMOD | |
| replUnitMiss | |
| replUnitMissMOD | |
| reRouted | |
| restorationDisabled | |
| rfi | |
| rfiEgr | |

Table 3-4917 Condition (continued)

| Name | Value |
|-------------------------|-------|
| rflLmsRfi | |
| rflPauRfi | |
| rmdCesChannelLPL | |
| rmdCesChannelNoTdmPI | |
| rmdCesChannelRPL | |
| rmdDiscoveredDevice | |
| rmdDNR | |
| rmdEQF | |
| rmdIfEFMLOP | |
| rmdIfLOS | |
| rmdIfMauANM | |
| rmdIfMauEQF | |
| rmdIfMauLOS | |
| rmdIfMauUNI | |
| rmdIfMauWUP | |
| rmdJbRecentered | |
| rmdMepLOC | |
| rmdMepMMG | |
| rmdMepRDI | |
| rmdMepUNL | |
| rmdMepUNM | |
| rmdMepUNP | |
| rmdNDF | |
| rmdNimLOF | |
| rmdPWR | |
| rmdTypeMismatch | |
| rmdUnknownEcid | |
| rmdWDP | |
| rmdWrongDestMac | |
| routeNotPossible | |
| sapOperDown | |
| sapStateChng | |
| sapTlsMacAddrLimitAlarm | |

Table 3-4917 Condition (continued)

| Name | Value |
|---------------------------|-------|
| sd | |
| sdegO | |
| seepScrub | |
| serverSignalFailureEgress | |
| sf | |
| sfMismatch | |
| sfpEOL | |
| sfpReceiverPwrOOR | |
| sfpTempOOR | |
| sfpTrmtPwrOOR | |
| sft | |
| SHELFINCON | |
| shelfInVoltHigh | |
| shelfInVoltLow | |
| SHELFINVOLTMAXCUR | |
| signalDegradeEgress | |
| SLCBOOTCONTCOM | |
| SLCCARDINIT | |
| SLCCLKSYNC | |
| SLCCONTCOM | |
| SLCDATAFLT | |
| SLCEQPTBOOT | |
| SLCMISMATCH | |
| SLCNOTINSERVICE | |
| slcr | |
| sltmSig | |
| SPIREADERROR | |
| spLoAdjFail | |
| srgDiversity | |
| srTca | |
| ssf | |
| ssfClEgr | |
| ssfOdu | |

Table 3-4917 Condition (continued)

| Name | Value |
|------------------------|-------|
| ssfOduOut | |
| ssfOduTp | |
| ssfOtu | |
| SSFSECTION | |
| SSFSECTIONOUT | |
| ssfTcm | |
| subNodeUnreachable | |
| SUSPECTCLKFREQ | |
| svcOperDown | |
| svcStateChng | |
| svcTlsFwdTblFullAlarm | |
| svcTlsMfibTblFullAlarm | |
| swEqpt | |
| swftDwn | |
| swMtxMod | |
| swToSec | |
| swUpgCommit | |
| swUpgFail | |
| swUpgrade | |
| sync | |
| syncActRef | |
| syncClk | |
| syncClkFail | |
| syncClkFrng | |
| syncClkHldovr | |
| syncClkMode | |
| syncClkUnit | |
| syncCommand | |
| syncEqpt | |
| syncIfTimingHoldover | |
| syncIfTimingRef1Alarm | |
| syncIfTimingRef2Alarm | |
| SYNCLOSS | |

Table 3-4917 Condition (continued)

| Name | Value |
|------------------|-------|
| syncMode | |
| syncOos | |
| syncOosT4 | |
| syncRefFail | |
| syncRefUnEq | |
| syncStatChng | |
| syncSys | |
| syncSysOos | |
| syncT4Out | |
| sysBoot | |
| sysInit | |
| systemReady | |
| tBbeMs15Min | |
| tBbeMs1Day | |
| tBbeOdu15Min | |
| tBbeOdu15MinOut | |
| tBbeOdu1Day | |
| tBbeOdu1DayOut | |
| tBbeOtu15Min | |
| tBbeOtu1Day | |
| tBbeP15Min | |
| tBbeP1Day | |
| tBbePt15Min | |
| tBbePt1Day | |
| tBbeRs15Min | |
| tBbeRs1Day | |
| tBbeRst15Min | |
| tBbeRst1Day | |
| tBbeTcm15Min | |
| tBbeTcm1Day | |
| tBerPostFec15min | |
| tBerPostFec1day | |
| tBerPreFec15min | |

Table 3-4917 Condition (continued)

| Name | Value |
|----------------|-------|
| tBerPreFec1day | |
| tBiaesOtu15Min | |
| tBiaesOtu1Day | |
| tBiaesTcm15Min | |
| tBiaesTcm1Day | |
| tcmAis | |
| tCv15Min | |
| tCv1Day | |
| tCvPcs15Min | |
| tCvPcs1Day | |
| tCvPcst15Min | |
| tCvPcst1Day | |
| tCvs15Min | |
| tCvs1Day | |
| tCvst15Min | |
| tCvst1Day | |
| termOc192stm64 | |
| termOc312stm14 | |
| termOc48stm16 | |
| termOtu1 | |
| termOtu2 | |
| tEs15Min | |
| tEs1Day | |
| tEsL15Min | |
| tEsL1Day | |
| tEsMs15Min | |
| tEsMs1Day | |
| tEsOdu15Min | |
| tEsOdu15MinOut | |
| tEsOdu1Day | |
| tEsOdu1DayOut | |
| tEsOtu15Min | |
| tEsOtu1Day | |

Table 3-4917 Condition (continued)

| Name | Value |
|-------------------|-------|
| tEsP15Min | |
| tEsP1Day | |
| tEsPcs15Min | |
| tEsPcs1Day | |
| tEsPcst15Min | |
| tEsPcst1Day | |
| tEsPt15Min | |
| tEsPt1Day | |
| tEsRs15Min | |
| tEsRs1Day | |
| tEsRst15Min | |
| tEsRst1Day | |
| tEss15Min | |
| tEss1Day | |
| tEsst15Min | |
| tEsst1Day | |
| tEsTcm15Min | |
| tEsTcm1Day | |
| testMode | |
| tEthpkter15Min | |
| tEthpkter1Day | |
| tEthpktert15Min | |
| tEthpktert1Day | |
| tFebbeMs15Min | |
| tFebbeMs1Day | |
| tFebbeOdu15Min | |
| tFeBbeOdu15MinOut | |
| tFebbeOdu1Day | |
| tFeBbeOdu1DayOut | |
| tFebbeOtu15Min | |
| tFebbeOtu1Day | |
| tFebbeTcm15Min | |
| tFebbeTcm1Day | |

Table 3-4917 Condition (continued)

| Name | Value |
|-------------------|-------|
| tFecc15Min | |
| tFecc1Day | |
| tFecUbc15Min | |
| tFecUbc1Day | |
| tFecUbu15Min | |
| tFecUbu1Day | |
| tFeesMs15Min | |
| tFeesMs1Day | |
| tFeesOdu15Min | |
| tFeEsOdu15MinOut | |
| tFeesOdu1Day | |
| tFeEsOdu1DayOut | |
| tFeesOtu15Min | |
| tFeesOtu1Day | |
| tFeesTcm15Min | |
| tFeesTcm1Day | |
| tFesesMs15Min | |
| tFesesMs1Day | |
| tFesesOdu15Min | |
| tFeSesOdu15MinOut | |
| tFesesOdu1Day | |
| tFeSesOdu1DayOut | |
| tFesesOtu15Min | |
| tFesesOtu1Day | |
| tFesesTcm15Min | |
| tFesesTcm1Day | |
| tFeuasMs15Min | |
| tFeuasMs1Day | |
| tFeuasOdu15Min | |
| tFeUasOdu15MinOut | |
| tFeuasOdu1Day | |
| tFeUasOdu1DayOut | |
| tFeuasOtu15Min | |

Table 3-4917 Condition (continued)

| Name | Value |
|----------------|-------|
| tFeuasOtu1Day | |
| tFeuasTcm15Min | |
| tFeuasTcm1Day | |
| tIaesOtu15Min | |
| tIaesOtu1Day | |
| tIaesTcm15Min | |
| tIaesTcm1Day | |
| tim | |
| timOdu | |
| timOduOut | |
| timTcm | |
| toDDEG | |
| toDLOS | |
| TODREFUNSTABLE | |
| tOprh15Min | |
| tOprh1Day | |
| tOprhLane1 | |
| tOprhLane10 | |
| tOprhLane2 | |
| tOprhLane3 | |
| tOprhLane4 | |
| tOprhLane5 | |
| tOprhLane6 | |
| tOprhLane7 | |
| tOprhLane8 | |
| tOprhLane9 | |
| tOprl15Min | |
| tOprl1Day | |
| tOprlLane1 | |
| tOprlLane10 | |
| tOprlLane2 | |
| tOprlLane3 | |
| tOprlLane4 | |

Table 3-4917 Condition (continued)

| Name | Value |
|------------------|-------|
| tOprlLane5 | |
| tOprlLane6 | |
| tOprlLane7 | |
| tOprlLane8 | |
| tOprlLane9 | |
| tOpth15Min | |
| tOpth1Day | |
| tOpthLane1 | |
| tOpthLane10 | |
| tOpthLane2 | |
| tOpthLane3 | |
| tOpthLane4 | |
| tOpthLane5 | |
| tOpthLane6 | |
| tOpthLane7 | |
| tOpthLane8 | |
| tOpthLane9 | |
| tOptl15Min | |
| tOptl1Day | |
| tOptlLane1 | |
| tOptlLane10 | |
| tOptlLane2 | |
| tOptlLane3 | |
| tOptlLane4 | |
| tOptlLane5 | |
| tOptlLane6 | |
| tOptlLane7 | |
| tOptlLane8 | |
| tOptlLane9 | |
| tPmonDmaBfd15Min | |
| tPmonDmaBfd1Day | |
| tPmonDmaffd15Min | |
| tPmonDmaffd1Day | |

Table 3-4917 Condition (continued)

| Name | Value |
|----------------------------------|-------|
| tPmonDmafFdv15Min | |
| tPmonDmafFdv1Day | |
| tPmonDmanfd15Min | |
| tPmonDmanfd1Day | |
| tPmonDmanFdv15Min | |
| tPmonDmanFdv1Day | |
| tPmonDmxBfd15Min | |
| tPmonDmxBfd1Day | |
| tPmonDmxffd15Min | |
| tPmonDmxffd1Day | |
| tPmonDmxFdv15Min | |
| tPmonDmxFdv1Day | |
| tPmonDmxnfd15Min | |
| tPmonDmxnfd1Day | |
| tPmonDmxnFdv15Min | |
| tPmonDmxnFdv1Day | |
| tPmonLmafflr15Min | |
| tPmonLmafflr1Day | |
| tPmonLmanflr15Min | |
| tPmonLmanflr1Day | |
| tPmonLmfhli15Min | |
| tPmonLmfhli1Day | |
| tPmonLmnhli15Min | |
| tPmonLmnhli1Day | |
| tPmonLmxfflr15Min | |
| tPmonLmxfflr1Day | |
| tPmonLmxnflr15Min | |
| tPmonLmxnflr1Day | |
| tPmonPortHighCapacityOctets15Min | |
| tPmonPortHighCapacityOctets1Day | |
| tPmonPortHighCapacityPkts15Min | |
| tPmonPortHighCapacityPkts1Day | |
| tPmonPortIfInDiscards15Min | |

Table 3-4917 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortIfInDiscards1Day | |
| tPmonPortIfInErrors15Min | |
| tPmonPortIfInErrors1Day | |
| tPmonPortIfInOctets15Min | |
| tPmonPortIfInOctets1Day | |
| tPmonPortIfInPackets | |
| tPmonPortIfInPackets15Min | |
| tPmonPortIfOutDiscards15Min | |
| tPmonPortIfOutDiscards1Day | |
| tPmonPortIfOutErrors15Min | |
| tPmonPortIfOutErrors1Day | |
| tPmonPortIfOutOctets15Min | |
| tPmonPortIfOutOctets1Day | |
| tPmonPortIfOutPackets15Min | |
| tPmonPortIfOutPackets1Day | |
| tPmonPortQueue1OctetsDropped15Min | |
| tPmonPortQueue1OctetsDropped1Day | |
| tPmonPortQueue1PktsDropped15Min | |
| tPmonPortQueue1PktsDropped1Day | |
| tPmonPortQueue2OctetsDropped15Min | |
| tPmonPortQueue2OctetsDropped1Day | |
| tPmonPortQueue2PktsDropped15Min | |
| tPmonPortQueue2PktsDropped1Day | |
| tPmonPortQueue3OctetsDropped15Min | |
| tPmonPortQueue3OctetsDropped1Day | |
| tPmonPortQueue3PktsDropped15Min | |
| tPmonPortQueue3PktsDropped1Day | |
| tPmonPortQueue4OctetsDropped15Min | |
| tPmonPortQueue4OctetsDropped1Day | |
| tPmonPortQueue4PktsDropped15Min | |
| tPmonPortQueue4PktsDropped1Day | |
| tPmonPortQueue5OctetsDropped15Min | |
| tPmonPortQueue5OctetsDropped1Day | |

Table 3-4917 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortQueue5PktsDropped15Min | |
| tPmonPortQueue5PktsDropped1Day | |
| tPmonPortQueue6OctetsDropped15Min | |
| tPmonPortQueue6OctetsDropped1Day | |
| tPmonPortQueue6PktsDropped15Min | |
| tPmonPortQueue6PktsDropped1Day | |
| tPmonPortQueue7OctetsDropped15Min | |
| tPmonPortQueue7OctetsDropped1Day | |
| tPmonPortQueue7PktsDropped15Min | |
| tPmonPortQueue7PktsDropped1Day | |
| tPmonPortQueue8OctetsDropped15Min | |
| tPmonPortQueue8OctetsDropped1Day | |
| tPmonPortQueue8PktsDropped15Min | |
| tPmonPortQueue8PktsDropped1Day | |
| tPmonSapIngressOctetsDropped15Min | |
| tPmonSapIngressOctetsDropped1Day | |
| tPmonSapIngressPktsDropped15Min | |
| tPmonSapIngressPktsDropped1Day | |
| tPmonSlmafflr15Min | |
| tPmonSlmafFlr1Day | |
| tPmonSlmafflrContinuous | |
| tPmonSlmanflr15Min | |
| tPmonSlmanFlr1Day | |
| tPmonSlmanflrContinuous | |
| tPmonSlmfhli15Min | |
| tPmonSlmfhli1Day | |
| tPmonSlmfhliContinuous | |
| tPmonSlmnhli15Min | |
| tPmonSlmnhli1Day | |
| tPmonSlmnhliContinuous | |
| tPmonSlmxfFlr1Day | |
| tPmonSlmxfFlrContinuous | |
| tPmonSlmxnFlr1Day | |

Table 3-4917 Condition (continued)

| Name | Value |
|------------------------------------|-------|
| tPmonSlmxnflrContinuous | |
| tPostFec15Min | |
| tPostFec1Day | |
| tPreFec15Min | |
| tPreFec1Day | |
| trailTraceIdentifierMismatchEgress | |
| transferLogFL | |
| transferLogFT | |
| transferLogIP | |
| trmt | |
| trmtMOD | |
| TRUBRKROPEN | |
| tSefs15Min | |
| tSefs1Day | |
| tSefsPcs15Min | |
| tSefsPcs1Day | |
| tSefsPcst15Min | |
| tSefsPcst1Day | |
| tSefss15Min | |
| tSefss1Day | |
| tSefsst15Min | |
| tSefsst1Day | |
| tSes15Min | |
| tSes1Day | |
| tSesL15Min | |
| tSesL1Day | |
| tSesMs15Min | |
| tSesMs1Day | |
| tSesOdu15Min | |
| tSesOdu15MinOut | |
| tSesOdu1Day | |
| tSesOdu1DayOut | |
| tSesOtu15Min | |

Table 3-4917 Condition (continued)

| Name | Value |
|-----------------|-------|
| tSesOtu1Day | |
| tSesP15Min | |
| tSesP1Day | |
| tSesPcs15Min | |
| tSesPcs1Day | |
| tSesPest15Min | |
| tSesPest1Day | |
| tSesPt15Min | |
| tSesPt1Day | |
| tSesRs15Min | |
| tSesRs1Day | |
| tSesRst15Min | |
| tSesRst1Day | |
| tSess15Min | |
| tSess1Day | |
| tSesst15Min | |
| tSesst1Day | |
| tSesTcm15Min | |
| tSesTcm1Day | |
| tsMismatch | |
| tsMismatchOut | |
| tUasMs15Min | |
| tUasMs1Day | |
| tUasOdu15Min | |
| tUasOdu15MinOut | |
| tUasOdu1Day | |
| tUasOdu1DayOut | |
| tUasOtu15Min | |
| tUasOtu1Day | |
| tUasP15Min | |
| tUasP1Day | |
| tUasPt15Min | |
| tUasPt1Day | |

Table 3-4917 Condition (continued)

| Name | Value |
|------------------|-------|
| tUasRs15Min | |
| tUasRs1Day | |
| tUasRst15Min | |
| tUasRst1Day | |
| tUasTcm15Min | |
| tUasTcm1Day | |
| unexWkSet | |
| unknown | |
| unknownNotif | |
| unknownSfpXfp | |
| unL | |
| unM | |
| unMOrUnP | |
| unP | |
| unPr | |
| upm | |
| uruOchLos | |
| uruOmsRx | |
| uruOmsTx | |
| uruOtsLos | |
| uruOtsRx | |
| uruOtsTx | |
| uruOtu | |
| uruS | |
| usAis | |
| usAls | |
| userEqptMismatch | |
| usFlt | |
| usIdle | |
| usLos | |
| usOchCollision | |
| usSFEber | |
| vcgDown | |

Table 3-4917 Condition (continued)

| Name | Value |
|-----------------|-------|
| vcgLoa | |
| vcgMap | |
| vcgSsf | |
| vcMfi | |
| voltage | |
| voltageHigh | |
| voltageLow | |
| vtsConnCreation | |
| vtsFdi | |
| vtsFdi1 | |
| vtsFdi10 | |
| vtsFdi11 | |
| vtsFdi12 | |
| vtsFdi13 | |
| vtsFdi14 | |
| vtsFdi15 | |
| vtsFdi16 | |
| vtsFdi17 | |
| vtsFdi18 | |
| vtsFdi19 | |
| vtsFdi2 | |
| vtsFdi20 | |
| vtsFdi21 | |
| vtsFdi22 | |
| vtsFdi23 | |
| vtsFdi24 | |
| vtsFdi25 | |
| vtsFdi26 | |
| vtsFdi27 | |
| vtsFdi28 | |
| vtsFdi29 | |
| vtsFdi3 | |
| vtsFdi30 | |

Table 3-4917 Condition (continued)

| Name | Value |
|----------|-------|
| vtsFdi31 | |
| vtsFdi32 | |
| vtsFdi4 | |
| vtsFdi5 | |
| vtsFdi6 | |
| vtsFdi7 | |
| vtsFdi8 | |
| vtsFdi9 | |
| vtsOci | |
| vtsOci1 | |
| vtsOci10 | |
| vtsOci11 | |
| vtsOci12 | |
| vtsOci13 | |
| vtsOci14 | |
| vtsOci15 | |
| vtsOci16 | |
| vtsOci17 | |
| vtsOci18 | |
| vtsOci19 | |
| vtsOci2 | |
| vtsOci20 | |
| vtsOci21 | |
| vtsOci22 | |
| vtsOci23 | |
| vtsOci24 | |
| vtsOci25 | |
| vtsOci26 | |
| vtsOci27 | |
| vtsOci28 | |
| vtsOci29 | |
| vtsOci3 | |
| vtsOci30 | |

Table 3-4917 Condition (continued)

| Name | Value |
|-------------------|-------|
| vtsOci31 | |
| vtsOci32 | |
| vtsOci4 | |
| vtsOci5 | |
| vtsOci6 | |
| vtsOci7 | |
| vtsOci8 | |
| vtsOci9 | |
| warnTca | |
| wkSwBk | |
| wkSwPr | |
| wkSwPrVTS1 | |
| wkSwPrVTS10 | |
| wkSwPrVTS2 | |
| wkSwPrVTS3 | |
| wkSwPrVTS4 | |
| wkSwPrVTS5 | |
| wkSwPrVTS6 | |
| wkSwPrVTS7 | |
| wkSwPrVTS8 | |
| wkSwPrVTS9 | |
| wtocmaPoutRanOsnr | |
| wtr | |

Default Severity**Table 3-4918 Default Severity**

| Name | Value |
|-----------------------|------------------|
| Description | Default severity |
| Displayed name | Default Severity |
| Mandatory on creation | yes |
| OSS name | defaultSeverity |
| Read-only | no |

Table 3-4918 Default Severity (continued)

| Name | Value |
|--------------------------|-----------------|
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

Override Severity**Table 3-4919 Override Severity**

| Name | Value |
|--------------------------|-------------------|
| Description | Override severity |
| Displayed name | Override Severity |
| OSS name | severity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |

Table 3-4919 Override Severity (continued)

| Name | Value |
|--------------|-------|
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

Test ID**Table 3-4920 Test ID**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Test ID |
| OSS name | testId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

**Service Alarm Category (SvcAlarmCategory, optical)
parameters****Category****Table 3-4921 Category**

| Name | Value |
|--------------------------|----------------------|
| Description | The trap entity type |
| Displayed name | Category |
| Mandatory on creation | yes |
| OSS name | alarmEntityType |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapEntityType |
| Enumerated types: | |

Table 3-4921 Category (continued)

| Name | Value |
|------------|-------|
| 100GBE | |
| 10GBE | |
| 1GBE | |
| 40GBE | |
| ALL | |
| BITS | |
| CBR10G3 | |
| CBR2G5 | |
| CBRAR | |
| COM | |
| CPDPR | |
| CPLMP | |
| CPNEIGHBOR | |
| CPRSVP | |
| DBLINK | |
| DDR | |
| E1 | |
| ENV | |
| EQPT | |
| FC100 | |
| FC10G | |
| FC16G | |
| FC200 | |
| FC400 | |
| FC800 | |
| FE | |
| GMRENODE | |
| LAG | |
| LINEREF | |
| LOG | |
| LOODU | |
| LSP | |
| MEP | |

Table 3-4921 Category (continued)

| Name | Value |
|--------------|-------|
| NETIF | |
| OC12/STM4 | |
| OC192/STM64 | |
| OC3/STM1 | |
| OC48/STM16 | |
| OC768/STM256 | |
| OCH | |
| ODU0 | |
| ODU0TCM | |
| ODU1 | |
| ODU1F | |
| ODU1FTCM | |
| ODU1ODU0 | |
| ODU1ODU0TCM | |
| ODU1PTF | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2EODU0 | |
| ODU2EODU0TCM | |
| ODU2EODU1 | |
| ODU2EODU1TCM | |
| ODU2EODUF | |
| ODU2EODUFTCM | |
| ODU2ETCM | |
| ODU2ODU0 | |
| ODU2ODU0TCM | |
| ODU2ODU1 | |
| ODU2ODU1TCM | |
| ODU2ODUF | |
| ODU2ODUFTCM | |
| ODU2TCM | |
| ODU3 | |

Table 3-4921 Category (continued)

| Name | Value |
|----------------|-------|
| ODU3E | |
| ODU3E2 | |
| ODU3E2ODU0 | |
| ODU3E2ODU0TCM | |
| ODU3E2ODU1 | |
| ODU3E2ODU1TCM | |
| ODU3E2ODU2 | |
| ODU3E2ODU2E | |
| ODU3E2ODU2ETCM | |
| ODU3E2ODU2TCM | |
| ODU3E2ODUF | |
| ODU3E2ODUFTCM | |
| ODU3E2TCM | |
| ODU3EODU0 | |
| ODU3EODU0TCM | |
| ODU3EODU1 | |
| ODU3EODU1TCM | |
| ODU3EODU2 | |
| ODU3EODU2E | |
| ODU3EODU2ETCM | |
| ODU3EODU2TCM | |
| ODU3EODUF | |
| ODU3EODUFTCM | |
| ODU3ETCM | |
| ODU3ODU0 | |
| ODU3ODU0TCM | |
| ODU3ODU1 | |
| ODU3ODU1TCM | |
| ODU3ODU2 | |
| ODU3ODU2E | |
| ODU3ODU2ETCM | |
| ODU3ODU2TCM | |
| ODU3ODUF | |

Table 3-4921 Category (continued)

| Name | Value |
|---------------|-------|
| ODU3ODUFTCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4ODU0 | |
| ODU4ODU0TCM | |
| ODU4ODU1 | |
| ODU4ODU1F | |
| ODU4ODU1FTCM | |
| ODU4ODU1TCM | |
| ODU4ODU2 | |
| ODU4ODU2E | |
| ODU4ODU2ETCM | |
| ODU4ODU2TCM | |
| ODU4ODU3 | |
| ODU4ODU3E | |
| ODU4ODU3E2 | |
| ODU4ODU3E2TCM | |
| ODU4ODU3ETCM | |
| ODU4ODU3TCM | |
| ODU4ODUF | |
| ODU4ODUFTCM | |
| ODU4TCM | |
| ODUF | |
| ODUFTCM | |
| OFA | |
| OMS | |
| OPTSG | |
| OTNFAC | |
| OTS | |
| OTU | |
| OTU0 | |
| OTU1 | |
| OTU1F | |

Table 3-4921 Category (continued)

| Name | Value |
|--------------|-------|
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E | |
| OTU3E2 | |
| OTU4 | |
| OTUODU0 | |
| OTUODU0TCM | |
| OTUODU1 | |
| OTUODU1F | |
| OTUODU1TCM | |
| OTUODU2 | |
| OTUODU2E | |
| OTUODU2ETCM | |
| OTUODU2TCM | |
| OTUODU3 | |
| OTUODU3E | |
| OTUODU3E2 | |
| OTUODU3E2TCM | |
| OTUODU3ETCM | |
| OTUODU3TCM | |
| OTUODU4 | |
| OTUODU4TCM | |
| OTUODU1FTCM | |
| PLK | |
| PM | |
| PTPCLOCK | |
| PTPPORT | |
| RMD | |
| RMDCESCHNNEL | |
| RMDIF | |
| RMDIFMAU | |
| RMDMEP | |

Table 3-4921 Category (continued)

| Name | Value |
|------------|-------|
| RMDNIM | |
| SCLOCK | |
| SDR | |
| SESSION | |
| SRERP | |
| SRMEP | |
| SROAMSACTL | |
| SRSAP | |
| SRSVC | |
| SYNC | |
| TELINK | |
| TIMING | |
| TOD | |
| TRU | |
| VTs | |

Condition**Table 3-4922 Condition**

| Name | Value |
|--------------------------|--------------------|
| Description | The trap condition |
| Displayed name | Condition |
| Mandatory on creation | yes |
| OSS name | alarmCondition |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCondition |
| Enumerated types: | |
| aesFipsFailure | |
| aisLM | |
| aisLmsAis | |
| aisPauAis | |
| aisTcm | |

Table 3-4922 Condition (continued)

| Name | Value |
|----------------|-------|
| alienEgrLOS | |
| allChanMiss | |
| allChanMissOut | |
| almRSync | |
| almRSyncEnd | |
| ampDisabled | |
| ampEol | |
| ANNOUNCELOSS | |
| apeInProgress | |
| APRFORCED | |
| aprInvalidTopo | |
| APRLIMITED | |
| aprLine | |
| aprNode | |
| aprOsc | |
| aprSwitch | |
| aprUnavail | |
| aprUnavailOsc | |
| apsB | |
| apsCm | |
| apsMm | |
| apsNoRed | |
| arcIND | |
| asonTopo | |
| auAisP | |
| auLopP | |
| authFail | |
| autoReset | |
| autoSwTimRef | |
| autoSwTimRefT4 | |
| autoSyncSw | |
| b1Sd | |
| backupUnavail | |

Table 3-4922 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| backwardDefectIndicationEgress | |
| BADCLKFREQ | |
| baseline | |
| bdi | |
| bdiOdu | |
| bdiOduOut | |
| bdiTem | |
| binsRolled | |
| bitsAIS | |
| bitsLof | |
| bitsLos | |
| bitsMAN | |
| bkupCom | |
| boardEqpt | |
| brkTrip | |
| capBuf | |
| cardBoot | |
| CARDCLKOFFFREQ | |
| cardIdRcvd | |
| cardInBoot | |
| cardInit | |
| cardInitBcm | |
| cardInitFail | |
| cardInitNonBcm | |
| cardNotAllowed | |
| cardSanity | |
| cbr10G3RxLOS | |
| cbr10G3RxLSS | |
| ccActChg | |
| cfCapacityWarning | |
| cfmAisEvnt | |
| cfmDmTestComplete | |
| cfmFltEvnt | |

Table 3-4922 Condition (continued)

| Name | Value |
|--------------------|-------|
| cfmLbmTestComplete | |
| cfmLmTestComplete | |
| cfmLtmTestComplete | |
| cfmSImTestComplete | |
| change | |
| channelViolation | |
| chkBkplane | |
| ckm | |
| clearAllTcas | |
| colorViolation | |
| comm | |
| commDeg | |
| commDown | |
| configFail | |
| CONFIGMM | |
| contBus | |
| contCom | |
| contComm | |
| contEqpt | |
| contEqptSplit | |
| contr | |
| contrDup | |
| contrenDgr | |
| contrenFail | |
| contrOut | |
| cpuPerformance | |
| crdInit | |
| crTca | |
| csf | |
| csfGfp | |
| CSFGFPOUT | |
| csfOduEgr | |
| csfOduOut | |

Table 3-4922 Condition (continued)

| Name | Value |
|--------------|-------|
| dataErr | |
| dataFlt | |
| dbErr | |
| dbFl | |
| dbFt | |
| dbFull | |
| dbInvalid | |
| dbMemTrf | |
| dbUnsync | |
| dcConfigFail | |
| deg | |
| degOtu | |
| degOut | |
| degTcm | |
| DELAYRESLOSS | |
| DISCOVERMOD | |
| dormantUser | |
| dwAis | |
| dwLof | |
| dwLom | |
| dwSd | |
| dwSf | |
| e1AisEgr | |
| e1AisL | |
| e1Lof | |
| e1LofEgr | |
| e1Los | |
| e1NoCrc4M | |
| e1NoCRC4MEgr | |
| e1Rai | |
| e1RaiEgr | |
| ebero | |
| egressSSF | |

Table 3-4922 Condition (continued)

| Name | Value |
|-------------------|-------|
| envInput1Active | |
| envInput2Active | |
| envInput3Active | |
| envInput4Active | |
| envInput5Active | |
| envInput6Active | |
| envInput7Active | |
| envInput8Active | |
| eptUploadErr | |
| eqpt | |
| eqptCrypto | |
| eqptDgr | |
| eqptDgrMon | |
| eqptDgrOch | |
| eqptDgrOchOut | |
| eqptDgrOut | |
| eqptPort | |
| erpFwdStateChng | |
| ESCABLEMISMATCH1 | |
| ESCABLEMISMATCH10 | |
| ESCABLEMISMATCH11 | |
| ESCABLEMISMATCH12 | |
| ESCABLEMISMATCH13 | |
| ESCABLEMISMATCH14 | |
| ESCABLEMISMATCH15 | |
| ESCABLEMISMATCH16 | |
| ESCABLEMISMATCH17 | |
| ESCABLEMISMATCH18 | |
| ESCABLEMISMATCH19 | |
| ESCABLEMISMATCH2 | |
| ESCABLEMISMATCH20 | |
| ESCABLEMISMATCH21 | |
| ESCABLEMISMATCH22 | |

Table 3-4922 Condition (continued)

| Name | Value |
|-------------------------|-------|
| ESCABLEMISMATCH23 | |
| ESCABLEMISMATCH24 | |
| ESCABLEMISMATCH3 | |
| ESCABLEMISMATCH4 | |
| ESCABLEMISMATCH5 | |
| ESCABLEMISMATCH6 | |
| ESCABLEMISMATCH7 | |
| ESCABLEMISMATCH8 | |
| ESCABLEMISMATCH9 | |
| escLatchFail | |
| esm | |
| ethCSF | |
| ethRingPathProvMismatch | |
| etrMismatch | |
| etrMismatchMod | |
| excessLoad | |
| excessLoss | |
| facServ | |
| facTerm | |
| facTermDev | |
| facTermDgr | |
| fan32HRqd | |
| fanSpeed | |
| fanSpeedHigh | |
| fanSpeedLow | |
| fanSpeedMan | |
| farEndLos | |
| faulty | |
| fdi | |
| fdiClt | |
| feAls | |
| feasibilityViolation | |
| fecEcSd | |

Table 3-4922 Condition (continued)

| Name | Value |
|----------------|-------|
| fecFail | |
| fecUbcSd | |
| feFlt | |
| feLfi | |
| feLos | |
| feLss | |
| fePortMismatch | |
| fePrLf | |
| feRfi | |
| fipsFailure | |
| fipsSwMismatch | |
| flt | |
| fpgaFail | |
| FPGAFAILNSA | |
| fpgaInit | |
| FPGAINIT1 | |
| FPGAINIT10 | |
| FPGAINIT2 | |
| FPGAINIT3 | |
| FPGAINIT4 | |
| FPGAINIT5 | |
| FPGAINIT6 | |
| FPGAINIT7 | |
| FPGAINIT8 | |
| FPGAINIT9 | |
| FPGAINITNSA1 | |
| FPGAINITNSA10 | |
| FPGAINITNSA2 | |
| FPGAINITNSA3 | |
| FPGAINITNSA4 | |
| FPGAINITNSA5 | |
| FPGAINITNSA6 | |
| FPGAINITNSA7 | |

Table 3-4922 Condition (continued)

| Name | Value |
|-------------------|-------|
| FPGAINITNSA8 | |
| FPGAINITNSA9 | |
| FPGAPRELOAD | |
| fpgaTimeout | |
| FPGATIMEOUTNSA | |
| fredSwTimRef | |
| fredSwTimRefT4 | |
| fredWkSwBk | |
| fredWkSwBkVTS1 | |
| fredWkSwBkVTS10 | |
| fredWkSwBkVTS2 | |
| fredWkSwBkVTS3 | |
| fredWkSwBkVTS4 | |
| fredWkSwBkVTS5 | |
| fredWkSwBkVTS6 | |
| fredWkSwBkVTS7 | |
| fredWkSwBkVTS8 | |
| fredWkSwBkVTS9 | |
| fredWkSwPr | |
| fredWkSwPrVTS1 | |
| fredWkSwPrVTS10 | |
| fredWkSwPrVTS2 | |
| fredWkSwPrVTS3 | |
| fredWkSwPrVTS4 | |
| fredWkSwPrVTS5 | |
| fredWkSwPrVTS6 | |
| fredWkSwPrVTS7 | |
| fredWkSwPrVTS8 | |
| fredWkSwPrVTS9 | |
| FRCRFCKSEL | |
| fmgSync | |
| FTD_ENCRYPT_15MIN | |
| FTD_ENCRYPT_1DAY | |

Table 3-4922 Condition (continued)

| Name | Value |
|------------------------|-------|
| FWMISMATCH | |
| fwPendingObsolete | |
| fwUpgradePending | |
| fwVersionNotDefault | |
| gfpLof | |
| GFPLOFOUT | |
| gfpSsf | |
| gfpUpm | |
| hdFail | |
| hdFull | |
| hiBer | |
| highGain | |
| hldOvrSync | |
| hpPlmP | |
| hpRdiP | |
| hpUneqP | |
| hwRevisionNotSupported | |
| igmpSnpgSrcLimitExceed | |
| imageNotReady | |
| incompatFan | |
| inhMsgPmRept | |
| init | |
| inMigration | |
| INSERTMOD | |
| int | |
| intErr | |
| intrusion | |
| intrusionEvt | |
| intSft | |
| intTemp | |
| intTempHigh | |
| intTempLow | |
| intTempOpt | |

Table 3-4922 Condition (continued)

| Name | Value |
|--------------------------|-------|
| invalidEgress | |
| invalidThreshold | |
| invalidThresholdOms | |
| invalidThresholdOts | |
| invalidTopo | |
| inventoryError | |
| keyDomainErr | |
| lagDeg | |
| lagLos | |
| LAGMEMBERPORTSTATECHANGE | |
| lagPortAddFailed | |
| LAGPORTADDSUCCESS | |
| LAGSTATECHANGE | |
| lagSubGrpSelect | |
| lanLfi | |
| lanLol | |
| lanLos | |
| lanRfi | |
| lanSf | |
| laserBackFacetOptPwrTca | |
| laserCoolingCurTca | |
| laserEOL | |
| laserOffLpbk | |
| lck | |
| lckOut | |
| lckTcm | |
| ledState | |
| lfd | |
| lfiEgr | |
| linkDiversity | |
| linkDown | |
| linkoamLoopDetected | |
| linkoamNonThresh | |

Table 3-4922 Condition (continued)

| Name | Value |
|------------------------|-------|
| linkoamPeerChng | |
| linkUp | |
| loam | |
| lockedIndicationEgress | |
| lockoutOfPr | |
| lockoutOfPrVTS1 | |
| lockoutOfPrVTS10 | |
| lockoutOfPrVTS2 | |
| lockoutOfPrVTS3 | |
| lockoutOfPrVTS4 | |
| lockoutOfPrVTS5 | |
| lockoutOfPrVTS6 | |
| lockoutOfPrVTS7 | |
| lockoutOfPrVTS8 | |
| lockoutOfPrVTS9 | |
| lockoutOfTimRef | |
| lockoutOfTimRefT4 | |
| lockoutToPr | |
| lof | |
| lofEgr | |
| lofLom | |
| lofLomOut | |
| lofO | |
| loGain | |
| logBuf90SecuLog | |
| logBufOvflSecuLog | |
| lol | |
| LOLA | |
| lopPauLop | |
| los | |
| losDcm | |
| losEdfa | |
| losLdSig | |

Table 3-4922 Condition (continued)

| Name | Value |
|-----------------|-------|
| losO | |
| losOamp | |
| losOcm | |
| losOms | |
| losOOut | |
| losOts | |
| losOut | |
| losP | |
| losPld | |
| lossOfLock | |
| lostClock | |
| lotOut | |
| lpbkLine | |
| lpbkTerm | |
| lspFailedApe | |
| lspFailedPre | |
| lspFailedTp | |
| lspFailedUnprot | |
| lspFailedXc | |
| lsrOutDgr | |
| lss | |
| lssEgr | |
| ltcTcm | |
| man | |
| manLR | |
| manReset | |
| manSwTimRef | |
| manSwTimRefT4 | |
| manSwToInt | |
| manSwToPri | |
| manSwToSec | |
| manWkSwBk | |
| manWkSwBkVTS1 | |

Table 3-4922 Condition (continued)

| Name | Value |
|-------------------|-------|
| manWkSwBkVTS10 | |
| manWkSwBkVTS2 | |
| manWkSwBkVTS3 | |
| manWkSwBkVTS4 | |
| manWkSwBkVTS5 | |
| manWkSwBkVTS6 | |
| manWkSwBkVTS7 | |
| manWkSwBkVTS8 | |
| manWkSwBkVTS9 | |
| manWkSwPr | |
| manWkSwPrVTS1 | |
| manWkSwPrVTS10 | |
| manWkSwPrVTS2 | |
| manWkSwPrVTS3 | |
| manWkSwPrVTS4 | |
| manWkSwPrVTS5 | |
| manWkSwPrVTS6 | |
| manWkSwPrVTS7 | |
| manWkSwPrVTS8 | |
| manWkSwPrVTS9 | |
| mepAIS | |
| mepError | |
| mepLoc | |
| mepMacError | |
| mepMmg | |
| mepRemote | |
| mepXcon | |
| mirrorDestDisable | |
| mirrorDestEnable | |
| mirrorSrcDisable | |
| mirrorSrcEnable | |
| mismatch | |
| mismatchFiber | |

Table 3-4922 Condition (continued)

| Name | Value |
|------------------|-------|
| mismatchSfpXfp | |
| missing | |
| mixedPFUsed | |
| mjTca | |
| mnTca | |
| mod | |
| modOutOOR | |
| msim | |
| mtcesurv | |
| mtcesurvDgr | |
| neAls | |
| neFlt | |
| neModeMismatch | |
| net | |
| netCraft | |
| neUnreachable | |
| nkm | |
| nodeDeg | |
| notUsed1 | |
| notUsed2 | |
| notUsed3 | |
| notUsed4 | |
| ntpChkSig | |
| ntpClkAdj | |
| ntpLor | |
| ntpOoSync | |
| nunvComm | |
| nunvConfig | |
| nunvIndetermined | |
| nunvReversion | |
| nunvTpBlocked | |
| nunvTransmission | |
| nvMismatch | |

Table 3-4922 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| oaPumpBiasCurrHigh | |
| oaPumpTempHigh | |
| objCreated | |
| objDeleted | |
| ochCollision | |
| ochCollisionOut | |
| ochFdi | |
| ochIntErr | |
| ochKeyDup | |
| ochKeyOverlap | |
| ochKeysReused | |
| ochKeyUnavail | |
| ochMissing | |
| ochPdi | |
| ochPwrUnstable | |
| ochTrailDup | |
| ochTrailUnknown | |
| ochUnknown | |
| ochUnknownOut | |
| oci | |
| ociOut | |
| ociTcm | |
| ocsAuditFail | |
| ocsAuditSuccess | |
| ocsDataFlt | |
| ocsDataRtrv | |
| ocsUnavail | |
| ocsUplinkDeleted | |
| oduAis | |
| oduAisEgress | |
| oduAisOut | |
| omsSSF | |
| openConnectionIndicationEgress | |

Table 3-4922 Condition (continued)

| Name | Value |
|---------------------------|-------|
| opr | |
| oprIngress | |
| oprLossHigh | |
| oprLossLow | |
| oprOOR | |
| oprOut | |
| oprPwrHigh | |
| oprPwrLow | |
| oprTx | |
| oprUnachieve | |
| opticalParamErr | |
| OPTICALTEST | |
| optIntBase | |
| optIntDet | |
| optIntSusp | |
| oscSsf | |
| OSNRMESC | |
| ospfAdj | |
| OTDRSCANFAIL | |
| OTDRSCANSUCCESS | |
| otmcpf | |
| otuAis | |
| ovrld | |
| PACKETCARDINIT | |
| payloadTypeMismatchEgress | |
| pcsGeneratorActive | |
| pdi | |
| pdiPauPdi | |
| PGFPGAFAIL1 | |
| PGFPGAFAIL2 | |
| PGFPGAFAIL3 | |
| PGFPGAFAIL4 | |
| PGFPGAFAIL5 | |

Table 3-4922 Condition (continued)

| Name | Value |
|-----------------|-------|
| PGFPGAINIT1 | |
| PGFPGAINIT2 | |
| PGFPGAINIT3 | |
| PGFPGAINIT4 | |
| PGFPGAINIT5 | |
| plm | |
| plmOduOut | |
| plmPauPlm | |
| ppsLos | |
| prcdrErr | |
| prcdrErrOut | |
| prcdrErrTopo | |
| prcdrErrTopoOut | |
| PTPFREERUN | |
| PTPGMDEGRADE | |
| PTPGMSWITCH | |
| PTPPATHSWITCH | |
| PTPPORTSWITCH | |
| PTPREFLOSS | |
| PTPREFUNSTABLE | |
| pwr | |
| pwrAdjComms | |
| pwrAdjFail | |
| pwrAdjFailAdd | |
| pwrAdjFailDrp | |
| pwrAdjReq | |
| pwrAdjReqAdd | |
| pwrAdjReqDrp | |
| pwrAlmp | |
| pwrEdfaMargin | |
| pwrFan | |
| pwrMargin | |
| pwrMaxGain | |

Table 3-4922 Condition (continued)

| Name | Value |
|----------------------|-------|
| pwrMgtOff | |
| pwrSusp | |
| pwrSuspOut | |
| pwrTiltParams | |
| pwrTiltSusp | |
| pwrUnbalance | |
| pwrUnbalanceOms | |
| ramanSup | |
| rcvrOptProg | |
| rdi | |
| rdiL | |
| readyToRevert | |
| REMOVEMOD | |
| replUnitMiss | |
| replUnitMissMOD | |
| reRouted | |
| restorationDisabled | |
| rfi | |
| rfiEgr | |
| rfiLmsRfi | |
| rfiPauRfi | |
| rmdCesChannelLPL | |
| rmdCesChannelNoTdmPl | |
| rmdCesChannelRPL | |
| rmdDiscoveredDevice | |
| rmdDNR | |
| rmdEQF | |
| rmdIfEFMLOP | |
| rmdIfFLOS | |
| rmdIfMauANM | |
| rmdIfMauEQF | |
| rmdIfMauLOS | |
| rmdIfMauUNI | |

Table 3-4922 Condition (continued)

| Name | Value |
|---------------------------|-------|
| rmdIfMauWUP | |
| rmdJbRecentered | |
| rmdMepLOC | |
| rmdMepMMG | |
| rmdMepRDI | |
| rmdMepUNL | |
| rmdMepUNM | |
| rmdMepUNP | |
| rmdNDF | |
| rmdNimLOF | |
| rmdPWR | |
| rmdTypeMismatch | |
| rmdUnknownEcid | |
| rmdWDP | |
| rmdWrongDestMac | |
| routeNotPossible | |
| sapOperDown | |
| sapStateChng | |
| sapTlsMacAddrLimitAlarm | |
| sd | |
| sdegO | |
| seepScrub | |
| serverSignalFailureEgress | |
| sf | |
| sfMismatch | |
| sfpEOL | |
| sfpReceiverPwrOOR | |
| sfpTempOOR | |
| sfpTrmtPwrOOR | |
| sft | |
| SHELFINCON | |
| shelfInVoltHigh | |
| shelfInVoltLow | |

Table 3-4922 Condition (continued)

| Name | Value |
|------------------------|-------|
| SHELFINVOLTMAXCUR | |
| signalDegradeEgress | |
| SLCBOOTCONTCOM | |
| SLCCARDINIT | |
| SLCCLKSYNC | |
| SLCCONTCOM | |
| SLCDATAFLT | |
| SLCEQPTBOOT | |
| SLCMISMATCH | |
| SLCNOTINSERVICE | |
| slcr | |
| sltmSig | |
| SPIREADERROR | |
| spLoAdjFail | |
| srgDiversity | |
| srTca | |
| ssf | |
| ssfCltEgr | |
| ssfOdu | |
| ssfOduOut | |
| ssfOduTp | |
| ssfOtu | |
| SSFSECTION | |
| SSFSECTIONOUT | |
| ssfTcm | |
| subNodeUnreachable | |
| SUSPECTCLKFREQ | |
| svcOperDown | |
| svcStateChng | |
| svcTlsFwdTblFullAlarm | |
| svcTlsMfibTblFullAlarm | |
| swEqpt | |
| swftDwn | |

Table 3-4922 Condition (continued)

| Name | Value |
|-----------------------|-------|
| swMtxMod | |
| swToSec | |
| swUpgCommit | |
| swUpgFail | |
| swUpgrade | |
| sync | |
| syncActRef | |
| syncClk | |
| syncClkFail | |
| syncClkFrng | |
| syncClkHldovr | |
| syncClkMode | |
| syncClkUnit | |
| syncCommand | |
| syncEqpt | |
| syncIfTimingHoldover | |
| syncIfTimingRef1Alarm | |
| syncIfTimingRef2Alarm | |
| SYNCLOSS | |
| syncMode | |
| syncOos | |
| syncOosT4 | |
| syncRefFail | |
| syncRefUnEq | |
| syncStatChng | |
| syncSys | |
| syncSysOos | |
| syncT4Out | |
| sysBoot | |
| sysInit | |
| systemReady | |
| tBbeMs15Min | |
| tBbeMs1Day | |

Table 3-4922 Condition (continued)

| Name | Value |
|------------------|-------|
| tBbeOdu15Min | |
| tBbeOdu15MinOut | |
| tBbeOdu1Day | |
| tBbeOdu1DayOut | |
| tBbeOtu15Min | |
| tBbeOtu1Day | |
| tBbeP15Min | |
| tBbeP1Day | |
| tBbePt15Min | |
| tBbePt1Day | |
| tBbeRs15Min | |
| tBbeRs1Day | |
| tBbeRst15Min | |
| tBbeRst1Day | |
| tBbeTcm15Min | |
| tBbeTcm1Day | |
| tBerPostFec15min | |
| tBerPostFec1day | |
| tBerPreFec15min | |
| tBerPreFec1day | |
| tBiaesOtu15Min | |
| tBiaesOtu1Day | |
| tBiaesTcm15Min | |
| tBiaesTcm1Day | |
| tcmAis | |
| tCv15Min | |
| tCv1Day | |
| tCvPcs15Min | |
| tCvPcs1Day | |
| tCvPcst15Min | |
| tCvPcst1Day | |
| tCvs15Min | |
| tCvs1Day | |

Table 3-4922 Condition (continued)

| Name | Value |
|----------------|-------|
| tCvst15Min | |
| tCvst1Day | |
| termOc192stm64 | |
| termOc312stm14 | |
| termOc48stm16 | |
| termOtu1 | |
| termOtu2 | |
| tEs15Min | |
| tEs1Day | |
| tEsL15Min | |
| tEsL1Day | |
| tEsMs15Min | |
| tEsMs1Day | |
| tEsOdu15Min | |
| tEsOdu15MinOut | |
| tEsOdu1Day | |
| tEsOdu1DayOut | |
| tEsOtu15Min | |
| tEsOtu1Day | |
| tEsP15Min | |
| tEsP1Day | |
| tEsPcs15Min | |
| tEsPcs1Day | |
| tEsPest15Min | |
| tEsPest1Day | |
| tEsPt15Min | |
| tEsPt1Day | |
| tEsRs15Min | |
| tEsRs1Day | |
| tEsRst15Min | |
| tEsRst1Day | |
| tEss15Min | |
| tEss1Day | |

Table 3-4922 Condition (continued)

| Name | Value |
|-------------------|-------|
| tEsst15Min | |
| tEsst1Day | |
| tEsTcm15Min | |
| tEsTcm1Day | |
| testMode | |
| tEthpkter15Min | |
| tEthpkter1Day | |
| tEthpktert15Min | |
| tEthpktert1Day | |
| tFebbeMs15Min | |
| tFebbeMs1Day | |
| tFebbeOdu15Min | |
| tFeBbeOdu15MinOut | |
| tFebbeOdu1Day | |
| tFeBbeOdu1DayOut | |
| tFebbeOtu15Min | |
| tFebbeOtu1Day | |
| tFebbeTcm15Min | |
| tFebbeTcm1Day | |
| tFecc15Min | |
| tFecc1Day | |
| tFecUbc15Min | |
| tFecUbc1Day | |
| tFecUbu15Min | |
| tFecUbu1Day | |
| tFeesMs15Min | |
| tFeesMs1Day | |
| tFeesOdu15Min | |
| tFeEsOdu15MinOut | |
| tFeesOdu1Day | |
| tFeEsOdu1DayOut | |
| tFeesOtu15Min | |
| tFeesOtu1Day | |

Table 3-4922 Condition (continued)

| Name | Value |
|-------------------|-------|
| tFeesTcm15Min | |
| tFeesTcm1Day | |
| tFesesMs15Min | |
| tFesesMs1Day | |
| tFesesOdu15Min | |
| tFeSesOdu15MinOut | |
| tFesesOdu1Day | |
| tFeSesOdu1DayOut | |
| tFesesOtu15Min | |
| tFesesOtu1Day | |
| tFesesTcm15Min | |
| tFesesTcm1Day | |
| tFeuasMs15Min | |
| tFeuasMs1Day | |
| tFeuasOdu15Min | |
| tFeUasOdu15MinOut | |
| tFeuasOdu1Day | |
| tFeUasOdu1DayOut | |
| tFeuasOtu15Min | |
| tFeuasOtu1Day | |
| tFeuasTcm15Min | |
| tFeuasTcm1Day | |
| tIaesOtu15Min | |
| tIaesOtu1Day | |
| tIaesTcm15Min | |
| tIaesTcm1Day | |
| tim | |
| timOdu | |
| timOduOut | |
| timTcm | |
| toDDEG | |
| toDLOS | |
| TODREFUNSTABLE | |

Table 3-4922 Condition (continued)

| Name | Value |
|-------------|-------|
| tOprh15Min | |
| tOprh1Day | |
| tOprhLane1 | |
| tOprhLane10 | |
| tOprhLane2 | |
| tOprhLane3 | |
| tOprhLane4 | |
| tOprhLane5 | |
| tOprhLane6 | |
| tOprhLane7 | |
| tOprhLane8 | |
| tOprhLane9 | |
| tOprl15Min | |
| tOprl1Day | |
| tOprlLane1 | |
| tOprlLane10 | |
| tOprlLane2 | |
| tOprlLane3 | |
| tOprlLane4 | |
| tOprlLane5 | |
| tOprlLane6 | |
| tOprlLane7 | |
| tOprlLane8 | |
| tOprlLane9 | |
| tOpth15Min | |
| tOpth1Day | |
| tOpthLane1 | |
| tOpthLane10 | |
| tOpthLane2 | |
| tOpthLane3 | |
| tOpthLane4 | |
| tOpthLane5 | |
| tOpthLane6 | |

Table 3-4922 Condition (continued)

| Name | Value |
|-------------------|-------|
| tOpthLane7 | |
| tOpthLane8 | |
| tOpthLane9 | |
| tOptl15Min | |
| tOptl1Day | |
| tOptlLane1 | |
| tOptlLane10 | |
| tOptlLane2 | |
| tOptlLane3 | |
| tOptlLane4 | |
| tOptlLane5 | |
| tOptlLane6 | |
| tOptlLane7 | |
| tOptlLane8 | |
| tOptlLane9 | |
| tPmonDmaBfd15Min | |
| tPmonDmaBfd1Day | |
| tPmonDmaffd15Min | |
| tPmonDmaffd1Day | |
| tPmonDmafFdv15Min | |
| tPmonDmafFdv1Day | |
| tPmonDmanfd15Min | |
| tPmonDmanfd1Day | |
| tPmonDmanFdv15Min | |
| tPmonDmanFdv1Day | |
| tPmonDmxBfd15Min | |
| tPmonDmxBfd1Day | |
| tPmonDmxffd15Min | |
| tPmonDmxffd1Day | |
| tPmonDmxFFdv15Min | |
| tPmonDmxFFdv1Day | |
| tPmonDmxnfd15Min | |
| tPmonDmxnfd1Day | |

Table 3-4922 Condition (continued)

| Name | Value |
|----------------------------------|-------|
| tPmonDmxnFdv15Min | |
| tPmonDmxnFdv1Day | |
| tPmonLmafflr15Min | |
| tPmonLmafflr1Day | |
| tPmonLmanflr15Min | |
| tPmonLmanflr1Day | |
| tPmonLmfhli15Min | |
| tPmonLmfhli1Day | |
| tPmonLmnhli15Min | |
| tPmonLmnhli1Day | |
| tPmonLmxfflr15Min | |
| tPmonLmxfflr1Day | |
| tPmonLmxnflr15Min | |
| tPmonLmxnflr1Day | |
| tPmonPortHighCapacityOctets15Min | |
| tPmonPortHighCapacityOctets1Day | |
| tPmonPortHighCapacityPkts15Min | |
| tPmonPortHighCapacityPkts1Day | |
| tPmonPortIfInDiscards15Min | |
| tPmonPortIfInDiscards1Day | |
| tPmonPortIfInErrors15Min | |
| tPmonPortIfInErrors1Day | |
| tPmonPortIfInOctets15Min | |
| tPmonPortIfInOctets1Day | |
| tPmonPortIfInPackets | |
| tPmonPortIfInPackets15Min | |
| tPmonPortIfOutDiscards15Min | |
| tPmonPortIfOutDiscards1Day | |
| tPmonPortIfOutErrors15Min | |
| tPmonPortIfOutErrors1Day | |
| tPmonPortIfOutOctets15Min | |
| tPmonPortIfOutOctets1Day | |
| tPmonPortIfOutPackets15Min | |

Table 3-4922 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortIfOutPackets1Day | |
| tPmonPortQueue1OctetsDropped15Min | |
| tPmonPortQueue1OctetsDropped1Day | |
| tPmonPortQueue1PktsDropped15Min | |
| tPmonPortQueue1PktsDropped1Day | |
| tPmonPortQueue2OctetsDropped15Min | |
| tPmonPortQueue2OctetsDropped1Day | |
| tPmonPortQueue2PktsDropped15Min | |
| tPmonPortQueue2PktsDropped1Day | |
| tPmonPortQueue3OctetsDropped15Min | |
| tPmonPortQueue3OctetsDropped1Day | |
| tPmonPortQueue3PktsDropped15Min | |
| tPmonPortQueue3PktsDropped1Day | |
| tPmonPortQueue4OctetsDropped15Min | |
| tPmonPortQueue4OctetsDropped1Day | |
| tPmonPortQueue4PktsDropped15Min | |
| tPmonPortQueue4PktsDropped1Day | |
| tPmonPortQueue5OctetsDropped15Min | |
| tPmonPortQueue5OctetsDropped1Day | |
| tPmonPortQueue5PktsDropped15Min | |
| tPmonPortQueue5PktsDropped1Day | |
| tPmonPortQueue6OctetsDropped15Min | |
| tPmonPortQueue6OctetsDropped1Day | |
| tPmonPortQueue6PktsDropped15Min | |
| tPmonPortQueue6PktsDropped1Day | |
| tPmonPortQueue7OctetsDropped15Min | |
| tPmonPortQueue7OctetsDropped1Day | |
| tPmonPortQueue7PktsDropped15Min | |
| tPmonPortQueue7PktsDropped1Day | |
| tPmonPortQueue8OctetsDropped15Min | |
| tPmonPortQueue8OctetsDropped1Day | |
| tPmonPortQueue8PktsDropped15Min | |
| tPmonPortQueue8PktsDropped1Day | |

Table 3-4922 Condition (continued)

| Name | Value |
|------------------------------------|-------|
| tPmonSapIngressOctetsDropped15Min | |
| tPmonSapIngressOctetsDropped1Day | |
| tPmonSapIngressPktsDropped15Min | |
| tPmonSapIngressPktsDropped1Day | |
| tPmonSlmafflr15Min | |
| tPmonSlmafFlr1Day | |
| tPmonSlmafflrContinuous | |
| tPmonSlmanflr15Min | |
| tPmonSlmanFlr1Day | |
| tPmonSlmanflrContinuous | |
| tPmonSlmfhli15Min | |
| tPmonSlmfhli1Day | |
| tPmonSlmfhliContinuous | |
| tPmonSlmnhli15Min | |
| tPmonSlmnhli1Day | |
| tPmonSlmnhliContinuous | |
| tPmonSlmxfFlr1Day | |
| tPmonSlmxfFlrContinuous | |
| tPmonSlmxnFlr1Day | |
| tPmonSlmxnflrContinuous | |
| tPostFec15Min | |
| tPostFec1Day | |
| tPreFec15Min | |
| tPreFec1Day | |
| trailTraceIdentifierMismatchEgress | |
| transferLogFL | |
| transferLogFT | |
| transferLogIP | |
| trmt | |
| trmtMOD | |
| TRUBRKROPEN | |
| tSefs15Min | |
| tSefs1Day | |

Table 3-4922 Condition (continued)

| Name | Value |
|-----------------|-------|
| tSefsPcs15Min | |
| tSefsPcs1Day | |
| tSefsPcst15Min | |
| tSefsPcst1Day | |
| tSefss15Min | |
| tSefss1Day | |
| tSefsst15Min | |
| tSefsst1Day | |
| tSes15Min | |
| tSes1Day | |
| tSesL15Min | |
| tSesL1Day | |
| tSesMs15Min | |
| tSesMs1Day | |
| tSesOdu15Min | |
| tSesOdu15MinOut | |
| tSesOdu1Day | |
| tSesOdu1DayOut | |
| tSesOtu15Min | |
| tSesOtu1Day | |
| tSesP15Min | |
| tSesP1Day | |
| tSesPcs15Min | |
| tSesPcs1Day | |
| tSesPcst15Min | |
| tSesPcst1Day | |
| tSesPt15Min | |
| tSesPt1Day | |
| tSesRs15Min | |
| tSesRs1Day | |
| tSesRst15Min | |
| tSesRst1Day | |
| tSess15Min | |

Table 3-4922 Condition (continued)

| Name | Value |
|-----------------|-------|
| tSess1Day | |
| tSesst15Min | |
| tSesst1Day | |
| tSesTcm15Min | |
| tSesTcm1Day | |
| tsMismatch | |
| tsMismatchOut | |
| tUasMs15Min | |
| tUasMs1Day | |
| tUasOdu15Min | |
| tUasOdu15MinOut | |
| tUasOdu1Day | |
| tUasOdu1DayOut | |
| tUasOtu15Min | |
| tUasOtu1Day | |
| tUasP15Min | |
| tUasP1Day | |
| tUasPt15Min | |
| tUasPt1Day | |
| tUasRs15Min | |
| tUasRs1Day | |
| tUasRst15Min | |
| tUasRst1Day | |
| tUasTcm15Min | |
| tUasTcm1Day | |
| unexWkSet | |
| unknown | |
| unknownNotif | |
| unknownSfpXfp | |
| unL | |
| unM | |
| unMOrUnP | |
| unP | |

Table 3-4922 Condition (continued)

| Name | Value |
|------------------|-------|
| unPr | |
| upm | |
| uruOchLos | |
| uruOmsRx | |
| uruOmsTx | |
| uruOtsLos | |
| uruOtsRx | |
| uruOtsTx | |
| uruOtu | |
| uruS | |
| usAis | |
| usAls | |
| userEqptMismatch | |
| usFlt | |
| usIdle | |
| usLos | |
| usOchCollision | |
| usSFEber | |
| vcgDown | |
| vcgLoa | |
| vcgMap | |
| vcgSsf | |
| vcMfi | |
| voltage | |
| voltageHigh | |
| voltageLow | |
| vtsConnCreation | |
| vtsFdi | |
| vtsFdi1 | |
| vtsFdi10 | |
| vtsFdi11 | |
| vtsFdi12 | |
| vtsFdi13 | |

Table 3-4922 Condition (continued)

| Name | Value |
|----------|-------|
| vtsFdi14 | |
| vtsFdi15 | |
| vtsFdi16 | |
| vtsFdi17 | |
| vtsFdi18 | |
| vtsFdi19 | |
| vtsFdi2 | |
| vtsFdi20 | |
| vtsFdi21 | |
| vtsFdi22 | |
| vtsFdi23 | |
| vtsFdi24 | |
| vtsFdi25 | |
| vtsFdi26 | |
| vtsFdi27 | |
| vtsFdi28 | |
| vtsFdi29 | |
| vtsFdi3 | |
| vtsFdi30 | |
| vtsFdi31 | |
| vtsFdi32 | |
| vtsFdi4 | |
| vtsFdi5 | |
| vtsFdi6 | |
| vtsFdi7 | |
| vtsFdi8 | |
| vtsFdi9 | |
| vtsOci | |
| vtsOci1 | |
| vtsOci10 | |
| vtsOci11 | |
| vtsOci12 | |
| vtsOci13 | |

Table 3-4922 Condition (continued)

| Name | Value |
|-------------|-------|
| vtsOci14 | |
| vtsOci15 | |
| vtsOci16 | |
| vtsOci17 | |
| vtsOci18 | |
| vtsOci19 | |
| vtsOci2 | |
| vtsOci20 | |
| vtsOci21 | |
| vtsOci22 | |
| vtsOci23 | |
| vtsOci24 | |
| vtsOci25 | |
| vtsOci26 | |
| vtsOci27 | |
| vtsOci28 | |
| vtsOci29 | |
| vtsOci3 | |
| vtsOci30 | |
| vtsOci31 | |
| vtsOci32 | |
| vtsOci4 | |
| vtsOci5 | |
| vtsOci6 | |
| vtsOci7 | |
| vtsOci8 | |
| vtsOci9 | |
| warnTca | |
| wkSwBk | |
| wkSwPr | |
| wkSwPrVTS1 | |
| wkSwPrVTS10 | |
| wkSwPrVTS2 | |

Table 3-4922 Condition (continued)

| Name | Value |
|-------------------|-------|
| wkSwPrVTS3 | |
| wkSwPrVTS4 | |
| wkSwPrVTS5 | |
| wkSwPrVTS6 | |
| wkSwPrVTS7 | |
| wkSwPrVTS8 | |
| wkSwPrVTS9 | |
| wtocmaPoutRanOsnr | |
| wtr | |

Default Severity**Table 3-4923 Default Severity**

| Name | Value |
|--------------------------|------------------|
| Description | Default severity |
| Displayed name | Default Severity |
| Mandatory on creation | yes |
| OSS name | defaultSeverity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |

Table 3-4923 Default Severity (continued)

| Name | Value |
|---------|-------|
| Warning | |

Override Severity**Table 3-4924 Override Severity**

| Name | Value |
|--------------------------|-------------------|
| Description | Override severity |
| Displayed name | Override Severity |
| OSS name | severity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

Service ID**Table 3-4925 Service ID**

| Name | Value |
|----------------|------------|
| Default | yes:0 |
| Displayed name | Service ID |
| OSS name | serviceId |

Table 3-4925 Service ID (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Service parameters

Auto MEG Site Creation

Table 3-4926 Auto MEG Site Creation

| Name | Value |
|-----------------------|---|
| Default | yes:true |
| Description | Specifies if MEG Sites will be generated or not if this is unchecked then no MEG sites or MEP/MIPs will be auto generated for this service. |
| Displayed name | Auto MEG Site Creation |
| Mandatory on creation | yes |
| OSS name | autoMegSite |
| Read-only | no |
| Tab Panel | General Auto-Creation of MEG(s) |
| Type | BOOL |

Direction

Table 3-4927 Direction

| Name | Value |
|-----------------------|--|
| Default | yes:up |
| Description | Specifies the direction the auto-created MEPs will have on all access interfaces in the service. |
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | mepDirectionAccessInterface |
| Read-only | no |
| Tab Panel | General Auto-Creation of MEP(s) |
| Type | ethernetoam.Direction |

Direction**Table 3-4928 Direction**

| Name | Value |
|-----------------------|---|
| Default | yes:down |
| Description | Specifies the direction the auto-created MEPs will have on all SDP bindings in the service. |
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | mepDirectionSdpBindings |
| Read-only | no |
| Tab Panel | General Auto-Creation of MEP(s) |
| Type | ethernetoam.Direction |

Direction**Table 3-4929 Direction**

| Name | Value |
|----------------|--|
| Default | yes:up |
| Description | Specifies the direction of the auto-created Virtual MEPs, it must be UP. |
| Displayed name | Direction |
| OSS name | virtualMepDirection |
| Read-only | no |
| Tab Panel | General Auto-Creation of MEP(s) |
| Type | ethernetoam.Direction |

Follow Service Topology Changes**Table 3-4930 Follow Service Topology Changes**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies if OAM Objects to be regenerated upon service Topology Change. |
| Displayed name | Follow Service Topology Changes |
| OSS name | keepupdatedServiceTopology |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Level**Table 3-4931 Level**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:0 |
| Description | Specifies the MD level 0 to 7. |
| Displayed name | Level |
| Maximum | 7 |
| Minimum | 0 |
| OSS name | maintDomainLevel |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

MEG Global ID**Table 3-4932 MEG Global ID**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Description | The display global name of the MEG. |
| Displayed name | MEG Global ID |
| Maximum | 252 |
| Minimum | 0 |
| OSS name | globalId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

MEP(s) Creation on Access Interfaces**Table 3-4933 MEP(s) Creation on Access Interfaces**

| Name | Value |
|-----------------------|--|
| Default | yes:true |
| Description | Specifies the MEPs will be configured on all access interfaces in the service. |
| Displayed name | MEP(s) Creation on Access Interfaces |
| Mandatory on creation | yes |

Table 3-4933 MEP(s) Creation on Access Interfaces (continued)

| Name | Value |
|-------------|---------------------------------|
| OSS name | autoMepCreationAccessInterface |
| Read-only | no |
| Tab Panel | General Auto-Creation of MEP(s) |
| Type | BOOL |

MEP(s) Creation on SDP Bindings**Table 3-4934 MEP(s) Creation on SDP Bindings**

| Name | Value |
|-----------------------|---|
| Default | yes:false |
| Description | Specifies the MEPs will be configured on all sdp bindings in the service. |
| Displayed name | MEP(s) Creation on SDP Bindings |
| Mandatory on creation | yes |
| OSS name | autoMepCreationSdpBindings |
| Read-only | no |
| Tab Panel | General Auto-Creation of MEP(s) |
| Type | BOOL |

MIP(s) Creation on Access Interfaces**Table 3-4935 MIP(s) Creation on Access Interfaces**

| Name | Value |
|-----------------------|--|
| Default | yes:false |
| Description | Specifies the MIPs will be configured on all access interfaces in the service. |
| Displayed name | MIP(s) Creation on Access Interfaces |
| Mandatory on creation | yes |
| OSS name | autoMipCreationAccessInterface |
| Read-only | no |
| Tab Panel | General Auto-Creation of MIP(s) |
| Type | BOOL |

MIP(s) Creation on SDP Bindings
Table 3-4936 MIP(s) Creation on SDP Bindings

| Name | Value |
|-----------------------|---|
| Default | yes:true |
| Description | Specifies the MIPs will be configured on all sdp bindings in the service. |
| Displayed name | MIP(s) Creation on SDP Bindings |
| Mandatory on creation | yes |
| OSS name | autoMipCreationSdpBindings |
| Read-only | no |
| Tab Panel | General Auto-Creation of MIP(s) |
| Type | BOOL |

Multi-Service MEG**Table 3-4937 Multi-Service MEG**

| Name | Value |
|-----------------------|---|
| Default | yes:false |
| Description | Specifies if MEG Generation should skip MEP generation on overlapping site and Service Connection SAPs. |
| Displayed name | Multi-Service MEG |
| Mandatory on creation | yes |
| OSS name | multiServiceMeg |
| Read-only | no |
| Tab Panel | General Auto-Creation of MEG(s) |
| Type | BOOL |

Object ID**Table 3-4938 Object ID**

| Name | Value |
|-----------------------|---------------------------------------|
| Default | yes:0 |
| Description | The identifier for the CcTestService. |
| Displayed name | Object ID |
| Mandatory on creation | yes |
| Maximum | 2147483647 |

Table 3-4938 Object ID (continued)

| Name | Value |
|-------------|-----------------|
| Minimum | 1 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Primary VLAN Enable**Table 3-4939 Primary VLAN Enable**

| Name | Value |
|-----------------------|---|
| Default | yes:false |
| Description | Primary VLAN Enabled on generated MEPS. |
| Displayed name | Primary VLAN Enable |
| Mandatory on creation | yes |
| OSS name | mepPrimaryVlanEnable |
| Read-only | no |
| Tab Panel | General Auto-Creation of MEP(s) |
| Type | BOOL |

Primary VLAN Enable**Table 3-4940 Primary VLAN Enable**

| Name | Value |
|-----------------------|--|
| Default | yes:false |
| Description | Primary VLAN MIP Configuration on SAP. |
| Displayed name | Primary VLAN Enable |
| Mandatory on creation | yes |
| OSS name | mipSapPrimaryVlanEnable |
| Read-only | no |
| Tab Panel | General Auto-Creation of MIP(s) |
| Type | BOOL |

Service
Table 3-4941 Service

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | The service selected for this CC Test. |
| Displayed name | Service |
| Mandatory on creation | yes |
| OSS name | servicePointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Service ID**Table 3-4942 Service ID**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The service ID associated with the CCTest. |
| Displayed name | Service ID |
| OSS name | serviceId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Service Name**Table 3-4943 Service Name**

| Name | Value |
|----------------|-------------------|
| Description | The service name. |
| Displayed name | Service Name |
| Maximum | 100 |
| OSS name | serviceName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Virtual MEP(s) Creation on VPLS Sites
Table 3-4944 Virtual MEP(s) Creation on VPLS Sites

| Name | Value |
|-----------------------|--|
| Default | yes:false |
| Description | Specifies that only virtual MEPs will be configured on all B-Sites in the service, but no regular MEPs will be configured on SAPs/SDP bindings of those B-Sites. |
| Displayed name | Virtual MEP(s) Creation on VPLS Sites |
| Mandatory on creation | yes |
| OSS name | autoVirtualMepCreation |
| Read-only | no |
| Tab Panel | General Auto-Creation of MEP(s) |
| Type | BOOL |

VLAN ID**Table 3-4945 VLAN ID**

| Name | Value |
|-----------------------|---|
| Default | yes:0 |
| Description | VLAN ID to be set on generated MEG Site bindings. |
| Displayed name | VLAN ID |
| Mandatory on creation | yes |
| Maximum | 4094 |
| Minimum | 0 |
| OSS name | vlanId |
| Read-only | no |
| Tab Panel | General Auto-Creation of MEG(s) |
| Type | INT |

Shelf parameters

Active Switch Status

Table 3-4946 Active Switch Status

| Name | Value |
|----------------|---|
| Description | The Sync-E line reference switch state. |
| Displayed name | Active Switch Status |
| OSS name | switchStatus |
| Read-only | no |
| Tab Panel | Synchronization General |
| Type | SwitchStatusTypes |

Administrative Mode

Table 3-4947 Administrative Mode

| Name | Value |
|--------------------------|----------------------|
| Default | yes:none |
| Displayed name | Administrative Mode |
| OSS name | adminMode |
| Read-only | no |
| Tab Panel | General Chassis Mode |
| Type | ChassisMode |
| Enumerated types: | |
| A | |
| B | |
| C | |
| D | |
| N/A | |

Administrative State

Table 3-4948 Administrative State

| Name | Value |
|----------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |

Table 3-4948 Administrative State (continued)

| Name | Value |
|--------------------------|---------------------|
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General Equipment |
| Type | AdministrativeState |
| Enumerated types: | |
| Diagnose | |
| Down | |
| Locked | |
| Maintenance | |
| Not Relevant | |
| Operate Switch | |
| Shutting Down | |
| Unknown | |
| Unlocked | |
| Up | |

Administrative State**Table 3-4949 Administrative State**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:unspecified |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | equipment.AdministrativeState |

AINS Enabled**Table 3-4950 AINS Enabled**

| Name | Value |
|----------------|--------------|
| Default | yes:false |
| Displayed name | AINS Enabled |

Table 3-4950 AINS Enabled (continued)

| Name | Value |
|-------------|-----------------------|
| OSS name | shelfAINS |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | BOOL |

Air Flow**Table 3-4951 Air Flow**

| Name | Value |
|----------------|-----------------------|
| Default | yes:HP36 |
| Displayed name | Air Flow |
| OSS name | airFlow |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | AirFlow |

Alarm Profile**Table 3-4952 Alarm Profile**

| Name | Value |
|----------------|-----------------------|
| Displayed name | Alarm Profile |
| OSS name | alarmProfilePointer |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | POINTER |

Alarm Profile**Table 3-4953 Alarm Profile**

| Name | Value |
|----------------|-------------------------|
| Displayed name | Alarm Profile |
| OSS name | syncAlarmProfilePointer |
| Read-only | no |

Table 3-4953 Alarm Profile (continued)

| Name | Value |
|-------------|-------------------------|
| Tab Panel | Synchronization General |
| Type | POINTER |

Allow IMM Family Type**Table 3-4954 Allow IMM Family Type**

| Name | Value |
|--------------------------|----------------------------------|
| Default | yes:none |
| Description | Imm Family Type for SAS-R nodes. |
| Displayed name | Allow IMM Family Type |
| OSS name | allowImmFamilyType |
| Read-only | no |
| Tab Panel | General IMM Family Type |
| Type | SasImmFamilyType |
| Enumerated types: | |
| | KT1 IMMs |
| | KT2 IMMs |
| | None |

Application Mode**Table 3-4955 Application Mode**

| Name | Value |
|----------------|-----------------------|
| Default | yes:OCS |
| Displayed name | Application Mode |
| OSS name | applicationMode |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | ApplicationMode |

Background Diagnostics Fault Reason**Table 3-4956 Background Diagnostics Fault Reason**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Displayed name | Background Diagnostics Fault Reason |
| OSS name | backgroundDiagnosticsFaultReason |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Background Diagnostics State**Table 3-4957 Background Diagnostics State**

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:unknown |
| Displayed name | Background Diagnostics State |
| OSS name | backgroundDiagnosticsState |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | BackgroundDiagnosticsStateType |
| Enumerated types: | |
| Critical Fault Detected | |
| Fault Detected | |
| N/A | |
| Ok | |
| Unknown | |

Base MAC Address**Table 3-4958 Base MAC Address**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Base MAC Address |
| OSS name | baseMacAddress |
| Read-only | yes |

Table 3-4958 Base MAC Address (continued)

| Name | Value |
|-------------|-----------------------|
| Tab Panel | General Shelf Details |
| Type | MACADDR |

Calculated Load**Table 3-4959 Calculated Load**

| Name | Value |
|----------------|-----------------------|
| Displayed name | Calculated Load |
| OSS name | calculatedLoad |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | INT |
| Units | mA |

CLEI**Table 3-4960 CLEI**

| Name | Value |
|----------------|-------------------|
| Description | Shelf CLEI. |
| Displayed name | CLEI |
| OSS name | shelfClei |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

CLEI Code**Table 3-4961 CLEI Code**

| Name | Value |
|----------------|-----------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 16 |
| Minimum | 0 |

Table 3-4961 CLEI Code (continued)

| Name | Value |
|-------------|-------------------------|
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General Equipment Codes |
| Type | STRING |

CLEI Code**Table 3-4962 CLEI Code**

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General Equipment Location Codes |
| Type | STRING |

CLLI Code**Table 3-4963 CLLI Code**

| Name | Value |
|----------------|-------------------------|
| Default | yes: |
| Displayed name | CLLI Code |
| Maximum | 11 |
| Minimum | 0 |
| OSS name | clliCode |
| Read-only | no |
| Tab Panel | General Equipment Codes |
| Type | STRING |

Clock Mode Status**Table 3-4964 Clock Mode Status**

| Name | Value |
|----------------|-------------------------|
| Displayed name | Clock Mode Status |
| OSS name | clkModStatus |
| Read-only | no |
| Tab Panel | Synchronization General |
| Type | EClockMode |

Clock Source**Table 3-4965 Clock Source**

| Name | Value |
|----------------|----------------------|
| Default | yes:auto |
| Displayed name | Clock Source |
| OSS name | clockSource |
| Read-only | no |
| Tab Panel | General Clock Switch |
| Type | WdmWtClk |

Company ID**Table 3-4966 Company ID**

| Name | Value |
|----------------|-------------------|
| Description | Shelf Company Id. |
| Displayed name | Company ID |
| OSS name | shelfCompanyId |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Date**Table 3-4967 Date**

| Name | Value |
|----------------|-------------------|
| Description | Shelf Date. |
| Displayed name | Date |
| OSS name | shelfDate |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Default IMM Family Type**Table 3-4968 Default IMM Family Type**

| Name | Value |
|--------------------------|--|
| Default | yes:none |
| Description | Default Imm Family Type for SAS-R nodes. |
| Displayed name | Default IMM Family Type |
| OSS name | defaultImmFamilyType |
| Read-only | yes |
| Tab Panel | General IMM Family Type |
| Type | SasImmFamilyType |
| Enumerated types: | |
| KT1 IMM | |
| KT2 IMM | |
| None | |

Expected PF Amps**Table 3-4969 Expected PF Amps**

| Name | Value |
|----------------|-----------------------|
| Default | yes:auto |
| Displayed name | Expected PF Amps |
| OSS name | expectedAmps |
| Read-only | no |
| Tab Panel | General Shelf Details |

Table 3-4969 Expected PF Amps (continued)

| Name | Value |
|--------------------------|------------------|
| Type | ExpectedAmpsType |
| Enumerated types: | |
| 100 | |
| 150 | |
| 20 | |
| 20.6 | |
| 275 | |
| 2x50 | |
| 2x60 | |
| 3.7 | |
| 30 | |
| 320 | |
| 35 | |
| 3x50 | |
| 3x60 | |
| 4.1 | |
| 5 | |
| 50 | |
| 60 | |
| 7 | |
| 70 | |
| 8.5 | |
| ampsna | |
| Auto | |
| Mixed | |

Expected Volts**Table 3-4970 Expected Volts**

| Name | Value |
|----------------|----------------|
| Default | yes:v48 |
| Displayed name | Expected Volts |
| OSS name | expectedVolts |

Table 3-4970 Expected Volts (continued)

| Name | Value |
|-------------|-----------------------|
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | ExpectedVolts |
| Units | Volts |

Extra Data**Table 3-4971 Extra Data**

| Name | Value |
|----------------|----------------------|
| Description | Extra Info On Shelf. |
| Displayed name | Extra Data |
| OSS name | shelfExtraData |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Factory ID**Table 3-4972 Factory ID**

| Name | Value |
|----------------|-------------------|
| Description | Shelf Factory ID. |
| Displayed name | Factory ID |
| OSS name | shelfFactoryId |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Firmware Revision Status**Table 3-4973 Firmware Revision Status**

| Name | Value |
|----------------|--------------------------|
| Default | yes:notApplicable |
| Displayed name | Firmware Revision Status |

Table 3-4973 Firmware Revision Status (continued)

| Name | Value |
|--------------------------|-------------------------------|
| OSS name | hwFirmwareRevisionStatus |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | HwFirmwareRevisionStatusTypes |
| Enumerated types: | |
| | Acceptable |
| | Not Acceptable |
| | Not Applicable |
| | Upgrade Pending |
| | Upgrading |

Firmware Version**Table 3-4974 Firmware Version**

| Name | Value |
|----------------|----------------------|
| Default | yes:0 |
| Displayed name | Firmware Version |
| OSS name | fwVer |
| Read-only | yes |
| Tab Panel | General ATCA Details |
| Type | STRING |

Force Mode**Table 3-4975 Force Mode**

| Name | Value |
|----------------|----------------------|
| Default | yes:false |
| Displayed name | Force Mode |
| OSS name | forceMode |
| Read-only | no |
| Tab Panel | General Chassis Mode |
| Type | BOOL |

Free Switching Capacity of the first row
Table 3-4976 Free Switching Capacity of the first row

| Name | Value |
|----------------|---|
| Description | Describes the Free Switching Capacity of the first/upper shelf row in the unit of GBit/s. |
| Displayed name | Free Switching Capacity of the first row |
| OSS name | freeSwitchingCapacity1 |
| Read-only | yes |
| Tab Panel | General Switching Capacity |
| Type | INT |

Free Switching Capacity of the second row**Table 3-4977 Free Switching Capacity of the second row**

| Name | Value |
|----------------|---|
| Description | Describes the Free Switching Capacity of the second shelf row (if available) in the unit of GBit/s. |
| Displayed name | Free Switching Capacity of the second row |
| OSS name | freeSwitchingCapacity2 |
| Read-only | yes |
| Tab Panel | General Switching Capacity |
| Type | INT |

Hardware Class**Table 3-4978 Hardware Class**

| Name | Value |
|--------------------------|------------------------------|
| Default | no |
| Displayed name | Hardware Class |
| OSS name | hardwareClass |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | HardwareClassType |
| Enumerated types: | |
| External Alarm Input | |
| Fam | |

Table 3-4978 Hardware Class (continued)

| Name | Value |
|------|-------|
| N/A | |

High Voltage Threshold**Table 3-4979 High Voltage Threshold**

| Name | Value |
|----------------|------------------------|
| Default | yes:57.0 |
| Displayed name | High Voltage Threshold |
| Maximum | 80.0 |
| Minimum | 35.0 |
| OSS name | highVoltageThreshold |
| Read-only | no |
| Step | 0.5 |
| Tab Panel | General Shelf Details |
| Type | FLOAT |
| Units | Volts |

HW Revision**Table 3-4980 HW Revision**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | HW Revision |
| Maximum | 252 |
| OSS name | hwRev |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Installed Fan Trays**Table 3-4981 Installed Fan Trays**

| Name | Value |
|----------------|---------------------------|
| Default | yes:0 |
| Displayed name | Installed Fan Trays |
| OSS name | numberOfInstalledFanTrays |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | INT |

Installed Fans**Table 3-4982 Installed Fans**

| Name | Value |
|----------------|-----------------------|
| Default | yes:0 |
| Displayed name | Installed Fans |
| OSS name | numberOfInstalledFans |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | INT |

Installed Ports**Table 3-4983 Installed Ports**

| Name | Value |
|----------------|------------------------|
| Default | yes:0 |
| Displayed name | Installed Ports |
| OSS name | numberOfInstalledPorts |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | INT |

Installed Power Supplies
Table 3-4984 Installed Power Supplies

| Name | Value |
|----------------|--------------------------------|
| Default | yes:0 |
| Displayed name | Installed Power Supplies |
| OSS name | numberOfInstalledPowerSupplies |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | INT |

Is Managed**Table 3-4985 Is Managed**

| Name | Value |
|----------------|-----------------------|
| Default | yes:true |
| Displayed name | Is Managed |
| OSS name | isManaged |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | BOOL |

LED Status**Table 3-4986 LED Status**

| Name | Value |
|----------------|--|
| Description | This value is built using LED state and color. |
| Displayed name | LED Status |
| OSS name | statusLED |
| Read-only | no |
| Tab Panel | General Test/Analysis |
| Type | STRING |

Line Reference
Table 3-4987 Line Reference

| Name | Value |
|----------------|-------------------------|
| Displayed name | Line Reference |
| OSS name | activeReferencePointer |
| Read-only | no |
| Tab Panel | Synchronization General |
| Type | POINTER |

Low Temperature State**Table 3-4988 Low Temperature State**

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:none |
| Displayed name | Low Temperature State |
| OSS name | lowTemperatureState |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | ChassisLowTempState |
| Enumerated types: | |
| Low | |
| N/A | |
| OK | |

Low Voltage Threshold**Table 3-4989 Low Voltage Threshold**

| Name | Value |
|----------------|-----------------------|
| Default | yes:40.5 |
| Displayed name | Low Voltage Threshold |
| Maximum | 80.0 |
| Minimum | 35.0 |
| OSS name | lowVoltageThreshold |
| Read-only | no |
| Step | 0.5 |

Table 3-4989 Low Voltage Threshold (continued)

| Name | Value |
|-------------|-----------------------|
| Tab Panel | General Shelf Details |
| Type | FLOAT |
| Units | Volts |

Manufacture Date**Table 3-4990 Manufacture Date**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacture Date |
| Maximum | 252 |
| OSS name | manufactureDate |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturer**Table 3-4991 Manufacturer**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturer |
| Maximum | 252 |
| OSS name | manufacturer |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Assembly No**Table 3-4992 Manufacturing Assembly No**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-4992 Manufacturing Assembly No (continued)

| Name | Value |
|----------------|------------------------------|
| Displayed name | Manufacturing Assembly No |
| OSS name | manufacturingAssemblyNo |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Deviations**Table 3-4993 Manufacturing Deviations**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Deviations |
| OSS name | manufacturingDeviations |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Variant**Table 3-4994 Manufacturing Variant**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Variant |
| OSS name | manufacturingVariant |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Matrix Size**Table 3-4995 Matrix Size**

| Name | Value |
|---------|-----------------|
| Default | yes:unspecified |

Table 3-4995 Matrix Size (continued)

| Name | Value |
|----------------|--|
| Description | Indicates the switching capacity of the shelf (in Gb/s). |
| Displayed name | Matrix Size |
| OSS name | matrixSize |
| Read-only | no |
| Tab Panel | General Switching Capacity |
| Type | MatrixSize |
| Units | Gbps |

Maximum Power Budgeted**Table 3-4996 Maximum Power Budgeted**

| Name | Value |
|----------------|--|
| Description | It indicates the maximum power budgeted for PoE ports. |
| Displayed name | Maximum Power Budgeted |
| OSS name | maxPowerBudget |
| Read-only | no |
| Tab Panel | PoE System PoE |
| Type | FLOAT |
| Units | watts |

Memory Usage High**Table 3-4997 Memory Usage High**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | The value of subSysChassMemoryUsageHigh indicates that the memory usage of the subscriber management function on this chassis is near the limit |
| Displayed name | Memory Usage High |
| OSS name | subSysChassMemoryUsageHigh |
| Read-access | all |
| Read-only | no |
| Tab Panel | General Subscriber Management |
| Type | generic.TruthValue |

Mixed Mode State on Chassis Enabled**Table 3-4998 Mixed Mode State on Chassis Enabled**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes:false |
| Displayed name | Mixed Mode State on Chassis Enabled |
| OSS name | mixedMode |
| Read-only | no |
| Tab Panel | General Mixed Mode |
| Type | BOOL |

Mnemonic**Table 3-4999 Mnemonic**

| Name | Value |
|----------------|-------------------|
| Description | Shelf Mnemonic. |
| Displayed name | Mnemonic |
| OSS name | shelfMnemonic |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Mode**Table 3-5000 Mode**

| Name | Value |
|--------------------------|--|
| Default | yes:activeActive |
| Description | The geo-redundancy mode of this chassis. |
| Displayed name | Mode |
| OSS name | geoRedundancyMode |
| Read-only | yes |
| Tab Panel | General Geo-Redundancy |
| Type | GeoRedundancyMode |
| Enumerated types: | |
| Active-Active-Hot | |
| Active-Active-Warm | |

Table 3-5000 Mode (continued)

| Name | Value |
|---------------------|-------|
| Active-Standby-Warm | |

Name**Table 3-5001 Name**

| Name | Value |
|----------------|------------------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | shelfName |
| Read-only | no |
| Tab Panel | General Geo-Redundancy |
| Type | STRING |

Name**Table 3-5002 Name**

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | shelfName |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | STRING |

Operational IMM Family Type**Table 3-5003 Operational IMM Family Type**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:none |
| Description | Oper Imm Family Type for SAS-R nodes. |
| Displayed name | Operational IMM Family Type |

Table 3-5003 Operational IMM Family Type (continued)

| Name | Value |
|--------------------------|-------------------------|
| OSS name | operImmFamilyType |
| Read-only | yes |
| Tab Panel | General IMM Family Type |
| Type | SasImmFamilyType |
| Enumerated types: | |
| KT1 IMM | |
| KT2 IMM | |
| None | |

Operational Mode

Table 3-5004 Operational Mode

| Name | Value |
|--------------------------|----------------------|
| Default | yes:none |
| Displayed name | Operational Mode |
| OSS name | operMode |
| Read-only | yes |
| Tab Panel | General Chassis Mode |
| Type | ChassisMode |
| Enumerated types: | |
| A | |
| B | |
| C | |
| D | |
| N/A | |

Operational Slots

Table 3-5005 Operational Slots

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Operational Slots |
| OSS name | numberOfOperSlots |

Table 3-5005 Operational Slots (continued)

| Name | Value |
|-------------|-----------------------|
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | LONG |

Operational State

Table 3-5006 Operational State

| Name | Value |
|--------------------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | OperationalState |
| Enumerated types: | |
| Booting | |
| Degraded | |
| Diagnosing | |
| Disabled | |
| Down | |
| Downgrade | |
| Empty | |
| Enabled | |
| Failed | |
| In Service Downgrade | |
| In Service Upgrade | |
| Indeterminate | |
| Invalid Connection | |
| No Link | |
| Not Present | |
| Not Relevant | |
| Provisioned | |
| Reserved | |

Table 3-5006 Operational State (continued)

| Name | Value |
|-----------------|-------|
| Reset Pending | |
| Shutting Down | |
| Soft Reset | |
| Testing | |
| Transition | |
| Unknown | |
| Unprovisioned | |
| Unsupported SFF | |
| Up | |
| Upgrade | |

Over Temperature State**Table 3-5007 Over Temperature State**

| Name | Value |
|--------------------------|------------------------|
| Default | yes:none |
| Displayed name | Over Temperature State |
| OSS name | overTemperatureState |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | ChassisTempState |
| Enumerated types: | |
| N/A | |
| OK | |
| Over | |

Part Number**Table 3-5008 Part Number**

| Name | Value |
|----------------|-------------|
| Default | yes: |
| Displayed name | Part Number |
| Maximum | 252 |

Table 3-5008 Part Number (continued)

| Name | Value |
|-------------|------------------------------|
| OSS name | manufacturerBoardNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Perform LED Test**Table 3-5009 Perform LED Test**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:noCmd |
| Description | Perform a lamp test on the shelf. |
| Displayed name | Perform LED Test |
| OSS name | lampTest |
| Read-only | no |
| Tab Panel | General Test/Analysis |
| Type | PerformCommand |

PF A Expected**Table 3-5010 PF A Expected**

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:amps3dot7 |
| Displayed name | PF A Expected |
| OSS name | pfAexpectedAmps |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | PFExpectedAmpsType |
| Enumerated types: | |
| | 20.6 |
| | 3.7 |
| | 8.5 |
| | N/A |

PF B Expected
Table 3-5011 PF B Expected

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:amps8dot5 |
| Displayed name | PF B Expected |
| OSS name | pfBExpectedAmps |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | PFExpectedAmpsType |
| Enumerated types: | |
| | 20.6 |
| | 3.7 |
| | 8.5 |
| | N/A |

PoE External Power Supply Status**Table 3-5012 PoE External Power Supply Status**

| Name | Value |
|--------------------------|----------------------------------|
| Default | yes:absent |
| Displayed name | PoE External Power Supply Status |
| OSS name | poeExternalPowerSupplyStatus |
| Read-only | no |
| Tab Panel | PoE General |
| Type | PoeExternalPowerSupplyStatus |
| Enumerated types: | |
| | Absent |
| | Present |

PoE Power Supply Source**Table 3-5013 PoE Power Supply Source**

| Name | Value |
|----------------|-------------------------|
| Default | yes:none |
| Displayed name | PoE Power Supply Source |

Table 3-5013 PoE Power Supply Source (continued)

| Name | Value |
|--------------------------|--------------------|
| OSS name | poePowerSupplyMode |
| Read-only | no |
| Tab Panel | PoE General |
| Type | PoePowerSupplyMode |
| Enumerated types: | |
| External | |
| Internal | |
| None | |

PoE Power Supply Status**Table 3-5014 PoE Power Supply Status**

| Name | Value |
|--------------------------|-------------------------|
| Default | yes:none |
| Displayed name | PoE Power Supply Status |
| OSS name | poePowerSupplyStatus |
| Read-only | no |
| Tab Panel | PoE General |
| Type | PoePowerSupplyStatus |
| Enumerated types: | |
| Bad | |
| Good | |
| None | |

Power Available**Table 3-5015 Power Available**

| Name | Value |
|----------------|---|
| Description | It indicates the power available for PoE ports. |
| Displayed name | Power Available |
| OSS name | systemPowerAvailable |
| Read-only | no |
| Tab Panel | PoE System PoE |

Table 3-5015 Power Available (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | watts |

Power Committed**Table 3-5016 Power Committed**

| Name | Value |
|----------------|---|
| Description | It indicates the power committed for PoE ports. |
| Displayed name | Power Committed |
| OSS name | systemPowerCommitted |
| Read-only | no |
| Tab Panel | PoE System PoE |
| Type | FLOAT |
| Units | watts |

Power in Use**Table 3-5017 Power in Use**

| Name | Value |
|----------------|---|
| Description | It indicates the power in use by PoE ports. |
| Displayed name | Power in Use |
| OSS name | systemPowerInUse |
| Read-only | no |
| Tab Panel | PoE System PoE |
| Type | FLOAT |
| Units | watts |

Present Shelf Type**Table 3-5018 Present Shelf Type**

| Name | Value |
|----------------|--------------------|
| Default | yes:unknownShelf |
| Displayed name | Present Shelf Type |

Table 3-5018 Present Shelf Type (continued)

| Name | Value |
|--------------------------|-----------------------|
| OSS name | shelfPresentType |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | ShelfType |
| Enumerated types: | |
| 1830 PSS 1 AHP | |
| 1830 PSS 1 GBEH | |
| 1830 PSS 1 MD4H | |
| 1830 PSS 16 | |
| 1830 PSS 16 Shelf | |
| 1830 PSS 32 | |
| 1830 PSS 32 Shelf | |
| 1830 PSS 32s | |
| 1830 PSS 32s 1.2T Shelf | |
| 1830 PSS 32s 1.6T Shelf | |
| 1830 PSS 36 | |
| 1830 PSS 36 Shelf | |
| 1830 PSS 4 | |
| 1830 PSS 4 Shelf | |
| 1830 PSS 64 | |
| 1830 PSS 64 Shelf | |
| 1830 PSS TRU Shelf | |
| 1830 PSS Universal Shelf | |
| 5780 DSC - ATCA | |
| 5780 DSC - CSB | |
| 5780 DSC - DCP | |
| 5780 DSC - Non-ATCA | |
| 5780 DSC - PCRFB | |
| 7210 SAS-D-6F-4T | |
| 7210 SAS-D-6F-4T ETR | |
| 7210 SAS-E | |
| 7210 SAS-K-2F-3T | |
| 7210 SAS-K-2F-3T ETR | |

Table 3-5018 Present Shelf Type (continued)

| Name | Value |
|-------------------------------|-------|
| 7210 SAS-M-24F | |
| 7210 SAS-M-24F ETR | |
| 7210 SAS-M-24F-2XFP | |
| 7210 SAS-M-24F-2XFP ETR | |
| 7210 SAS-R6 | |
| 7210 SAS-T-12F-10T-4XFP | |
| 7210 SAS-T-12F-10T-4XFP ETR | |
| 7210 SAS-X-24F-2XFP | |
| 7250 SAS | |
| 7250 SAS ES | |
| 7250 SAS ESA | |
| 7450-ESS1 | |
| 7450-ESS12 | |
| 7450-ESS24 | |
| 7450-ESS4 | |
| 7450-ESS6 | |
| 7450-ESS6V | |
| 7450-ESS7 | |
| 7701 CPAA | |
| 7705 SAR-A | |
| 7705 SAR-A T1/E1 | |
| 7705 SAR-H | |
| 7705 SAR-Hc | |
| 7705 SAR-W | |
| 7705 SAR-Wx (4GE xDSL GPS Rx) | |
| 7705 SAR-Wx (4GE xDSL) | |
| 7705 SAR-Wx (5GE GPS Rx) | |
| 7705 SAR-Wx (5GE PoE+ GPS Rx) | |
| 7705 SAR-Wx (5GE PoE+) | |
| 7705 SAR-Wx (5GE) | |
| 7705-SAR18 | |
| 7705-SAR8 | |
| 7705-SAR8 v2 | |

Table 3-5018 Present Shelf Type (continued)

| Name | Value |
|--|-------|
| 7705-SARF | |
| 7705-SARM | |
| 7705-SARM ASAP | |
| 7705-SARM ASAP FL | |
| 7705-SARM FL | |
| 7710-SRc12 | |
| 7710-SRc4 | |
| 7750-SR1 | |
| 7750-SR12 | |
| 7750-SR12-MG | |
| 7750-SR12e | |
| 7750-SR24 | |
| 7750-SR4 | |
| 7750-SR7 | |
| 7750-SR7-MG | |
| 7750-SRa4 | |
| 7750-SRa8 | |
| 7750-SRc12 | |
| 7750-SRc4 | |
| 7850 | |
| 7950-XRS16 | |
| 7950-XRS20 | |
| 9412 D2U BUILT-IN EAM E-NODEB TDD | |
| 9412 D2U E-NODEB FDD | |
| 9412 D2U E-NODEB Indoor FDD | |
| 9412 D2U E-NODEB Indoor TDD | |
| 9412 D2U E-NODEB Outdoor with AMR FDD | |
| 9412 D2U E-NODEB Outdoor with AMR TDD | |
| 9412 D2U E-NODEB Outdoor without AMR FDD | |
| 9412 D2U E-NODEB Outdoor without AMR TDD | |
| 9412 D2U E-NODEB TDD | |
| 9471 ATCA | |
| 9471 ATE | |

Table 3-5018 Present Shelf Type (continued)

| Name | Value |
|---|-------|
| 9471 MME | |
| 9471 Next Gen | |
| 9471 SGSN | |
| 9471 SRS | |
| 9471 vWMM | |
| 9471 WMM | |
| 9500 MPR-A | |
| 9500 MPR-A Chassis 1 | |
| 9500 MPR-A Chassis 4 | |
| 9500 MPR-E | |
| 9500 MPR-E Chassis 1 | |
| 9500 MPR-E Chassis 4 | |
| 9500 MPR _e | |
| 9763 MCI FAM E-NODEB FDD | |
| 9764 MCO FAM Adv E-NODEB FDD | |
| 9764 MCO FAM E-NODEB FDD | |
| 9764 MCO TRF E-NODEB FDD | |
| 9774 LMG | |
| 9926 D2U E-NODEB FDD | |
| 9926 D2U E-NODEB TDD | |
| 9966 SCGW | |
| DCM :Dispersion Compensation Module Shelf | |
| E-NODEB | |
| Empty Shelf | |
| FemtoCluster | |
| FemtoNetwork | |
| GNE | |
| GroupProfile | |
| HardwareProfile | |
| HDMCluster | |
| HDMDomain | |
| HIP Chassis | |
| ITLB: Interleaver Shelf, Bidirectional | |

Table 3-5018 Present Shelf Type (continued)

| Name | Value |
|---|-------|
| ITLU: Interleaver Shelf, Unidirectional | |
| LocationProfile | |
| Locations | |
| LteCallpProfile | |
| LteLocalOverride | |
| LteOAMProfile | |
| LteProfile | |
| LteRRMProfile | |
| LteTransportProfile | |
| MacroCells | |
| Master Shelf | |
| MDR 8000-Compact | |
| MDR 8000-Hot-Standby | |
| MDR-8000E-Compak | |
| MDR-8000E-Standard | |
| MDR-8000i | |
| MDR-8000s | |
| MDR-8000u | |
| MSH8-FSM Shelf | |
| MSS-1 | |
| MSS-4 | |
| MSS-8 | |
| OmniSwitch 10K | |
| OmniSwitch 6250 | |
| OmniSwitch 6400 | |
| OmniSwitch 6850 | |
| OmniSwitch 6850E | |
| OmniSwitch 6855 | |
| OmniSwitch 6855-U24X | |
| OmniSwitch 6900-T20 | |
| OmniSwitch 6900-T40 | |
| OmniSwitch 6900-X20 | |
| OmniSwitch 6900-X40 | |

Table 3-5018 Present Shelf Type (continued)

| Name | Value |
|------------------|-------|
| OmniSwitch 9600 | |
| OmniSwitch 9700 | |
| OmniSwitch 9700E | |
| OmniSwitch 9800 | |
| OmniSwitch 9800E | |
| OS6250-24 | |
| OS6250-24M | |
| OS6250-24MD | |
| OS6250-8M | |
| OS6250-P24 | |
| OS6400-24 | |
| OS6400-48 | |
| OS6400-DU24 | |
| OS6400-P24 | |
| OS6400-P48 | |
| OS6400-U24 | |
| OS6450-10 | |
| OS6450-10L | |
| OS6450-24 | |
| OS6450-24L | |
| OS6450-48 | |
| OS6450-48L | |
| OS6450-P10 | |
| OS6450-P10L | |
| OS6450-P10S | |
| OS6450-P24 | |
| OS6450-P24L | |
| OS6450-P48 | |
| OS6450-P48L | |
| OS6450-U24 | |
| OS6450-U24S | |
| OS6850-24 | |
| OS6850-24L | |

Table 3-5018 Present Shelf Type (continued)

| Name | Value |
|-------------------------|-------|
| OS6850-24LU | |
| OS6850-24X | |
| OS6850-48 | |
| OS6850-48L | |
| OS6850-48LU | |
| OS6850-48X | |
| OS6850-P24 | |
| OS6850-P24L | |
| OS6850-P24LU | |
| OS6850-P24X | |
| OS6850-P48 | |
| OS6850-P48L | |
| OS6850-P48LU | |
| OS6850-P48X | |
| OS6850-U24X | |
| OS6850E-24 | |
| OS6850E-24X | |
| OS6850E-48 | |
| OS6850E-48X | |
| OS6850E-P24 | |
| OS6850E-P24X | |
| OS6850E-P48 | |
| OS6850E-P48X | |
| OS6850E-U24X | |
| OS6855-14 | |
| OS6855-24 | |
| OS6855-U10 | |
| OS6855-U24 | |
| OS6855-U24X | |
| Pre-Provisioned E-NODEB | |
| Profile | |
| PSC1-6 | |
| SCGW 9966 ATCA | |

Table 3-5018 Present Shelf Type (continued)

| Name | Value |
|---|-------|
| SFD 40 B:Static Filter DWDM 40 Odd Channel Shelf | |
| SFD 40: Static Filter DWDM 40 Even Channel Shelf | |
| SFD 44 B :Static Filter DWDM 44 Odd Channel Shelf | |
| SFD 44: Static Filter DWDM 44 Even Channel Shelf | |
| SmallCells ATCA | |
| T4R | |
| T5 Compact 24F | |
| T5 Compact 24G | |
| T5 Compact 24GT | |
| T5 Compact 24T | |
| T5 Compact 48T | |
| T5R | |
| Unknown | |
| Unknown Shelf | |
| VSC | |

Primary State**Table 3-5019 Primary State**

| Name | Value |
|----------------|------------------|
| Default | yes:unspecified |
| Displayed name | Primary State |
| OSS name | primaryState |
| Read-only | no |
| Tab Panel | General States |
| Type | PrimaryStateType |

PSE Maximum Power Budget**Table 3-5020 PSE Maximum Power Budget**

| Name | Value |
|----------------|--------------------------|
| Default | yes:60 |
| Displayed name | PSE Maximum Power Budget |

Table 3-5020 PSE Maximum Power Budget (continued)

| Name | Value |
|-------------|-------------------|
| Maximum | 60 |
| Minimum | 0 |
| OSS name | poeMaxPowerBudget |
| Read-only | no |
| Tab Panel | PoE General |
| Type | INT |
| Units | watts |

PSE Power Available**Table 3-5021 PSE Power Available**

| Name | Value |
|----------------|--------------------------|
| Default | yes:60 |
| Displayed name | PSE Power Available |
| Maximum | 60 |
| Minimum | 0 |
| OSS name | poeMainPseAvaliablePower |
| Read-only | no |
| Tab Panel | PoE General |
| Type | INT |
| Units | watts |

PSE Power Consumed**Table 3-5022 PSE Power Consumed**

| Name | Value |
|----------------|----------------------------|
| Default | yes:0 |
| Displayed name | PSE Power Consumed |
| Maximum | 60 |
| Minimum | 0 |
| OSS name | poeMainPseConsumptionPower |
| Read-only | no |
| Tab Panel | PoE General |

Table 3-5022 PSE Power Consumed (continued)

| Name | Value |
|-------|-------|
| Type | INT |
| Units | watts |

Quality Value Level**Table 3-5023 Quality Value Level**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:unspecified |
| Description | The value of the system quality. |
| Displayed name | Quality Value Level |
| OSS name | syncSystemQL |
| Read-only | no |
| Tab Panel | Synchronization General |
| Type | SystemQualityLevel |

Secondary State**Table 3-5024 Secondary State**

| Name | Value |
|----------------|--------------------|
| Default | yes:unspecified |
| Displayed name | Secondary State |
| OSS name | secondaryState |
| Read-only | no |
| Tab Panel | General States |
| Type | SecondaryStateType |

Serial Number**Table 3-5025 Serial Number**

| Name | Value |
|----------------|---------------|
| Default | yes: |
| Displayed name | Serial Number |
| Maximum | 252 |

Table 3-5025 Serial Number (continued)

| Name | Value |
|-------------|------------------------------|
| OSS name | serialNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Serial Number**Table 3-5026 Serial Number**

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Serial Number |
| Maximum | 16 |
| OSS name | serialNum |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | STRING |

Serial Number**Table 3-5027 Serial Number**

| Name | Value |
|----------------|----------------------|
| Description | Shelf Serial Number. |
| Displayed name | Serial Number |
| OSS name | shelfSerialNumber |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Shelf Description**Table 3-5028 Shelf Description**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-5028 Shelf Description (continued)

| Name | Value |
|----------------|-----------------------|
| Displayed name | Shelf Description |
| Maximum | 255 |
| OSS name | shelfDesc |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | STRING |

Shelf ID**Table 3-5029 Shelf ID**

| Name | Value |
|----------------|-----------------------|
| Default | yes:0 |
| Displayed name | Shelf ID |
| OSS name | shelfId |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | INT |

Shelf Type**Table 3-5030 Shelf Type**

| Name | Value |
|--------------------------|-----------------------|
| Default | yes:unknownShelf |
| Displayed name | Shelf Type |
| OSS name | shelfType |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | ShelfType |
| Enumerated types: | |
| 1830 PSS 1 AHP | |
| 1830 PSS 1 GBEH | |
| 1830 PSS 1 MD4H | |
| 1830 PSS 16 | |

Table 3-5030 Shelf Type (continued)

| Name | Value |
|-----------------------------|-------|
| 1830 PSS 16 Shelf | |
| 1830 PSS 32 | |
| 1830 PSS 32 Shelf | |
| 1830 PSS 32s | |
| 1830 PSS 32s 1.2T Shelf | |
| 1830 PSS 32s 1.6T Shelf | |
| 1830 PSS 36 | |
| 1830 PSS 36 Shelf | |
| 1830 PSS 4 | |
| 1830 PSS 4 Shelf | |
| 1830 PSS 64 | |
| 1830 PSS 64 Shelf | |
| 1830 PSS TRU Shelf | |
| 1830 PSS Universal Shelf | |
| 5780 DSC - ATCA | |
| 5780 DSC - CSB | |
| 5780 DSC - DCP | |
| 5780 DSC - Non-ATCA | |
| 5780 DSC - PCRF | |
| 7210 SAS-D-6F-4T | |
| 7210 SAS-D-6F-4T ETR | |
| 7210 SAS-E | |
| 7210 SAS-K-2F-3T | |
| 7210 SAS-K-2F-3T ETR | |
| 7210 SAS-M-24F | |
| 7210 SAS-M-24F ETR | |
| 7210 SAS-M-24F-2XFP | |
| 7210 SAS-M-24F-2XFP ETR | |
| 7210 SAS-R6 | |
| 7210 SAS-T-12F-10T-4XFP | |
| 7210 SAS-T-12F-10T-4XFP ETR | |
| 7210 SAS-X-24F-2XFP | |
| 7250 SAS | |

Table 3-5030 Shelf Type (continued)

| Name | Value |
|-------------------------------|-------|
| 7250 SAS ES | |
| 7250 SAS ESA | |
| 7450-ESS1 | |
| 7450-ESS12 | |
| 7450-ESS24 | |
| 7450-ESS4 | |
| 7450-ESS6 | |
| 7450-ESS6V | |
| 7450-ESS7 | |
| 7701 CPAA | |
| 7705 SAR-A | |
| 7705 SAR-A T1/E1 | |
| 7705 SAR-H | |
| 7705 SAR-Hc | |
| 7705 SAR-W | |
| 7705 SAR-Wx (4GE xDSL GPS Rx) | |
| 7705 SAR-Wx (4GE xDSL) | |
| 7705 SAR-Wx (5GE GPS Rx) | |
| 7705 SAR-Wx (5GE PoE+ GPS Rx) | |
| 7705 SAR-Wx (5GE PoE+) | |
| 7705 SAR-Wx (5GE) | |
| 7705-SAR18 | |
| 7705-SAR8 | |
| 7705-SAR8 v2 | |
| 7705-SARF | |
| 7705-SARM | |
| 7705-SARM ASAP | |
| 7705-SARM ASAP FL | |
| 7705-SARM FL | |
| 7710-SRc12 | |
| 7710-SRc4 | |
| 7750-SR1 | |
| 7750-SR12 | |

Table 3-5030 Shelf Type (continued)

| Name | Value |
|--|-------|
| 7750-SR12-MG | |
| 7750-SR12e | |
| 7750-SR24 | |
| 7750-SR4 | |
| 7750-SR7 | |
| 7750-SR7-MG | |
| 7750-SRa4 | |
| 7750-SRa8 | |
| 7750-SRc12 | |
| 7750-SRc4 | |
| 7850 | |
| 7950-XRS16 | |
| 7950-XRS20 | |
| 9412 D2U BUILT-IN EAM E-NODEB TDD | |
| 9412 D2U E-NODEB FDD | |
| 9412 D2U E-NODEB Indoor FDD | |
| 9412 D2U E-NODEB Indoor TDD | |
| 9412 D2U E-NODEB Outdoor with AMR FDD | |
| 9412 D2U E-NODEB Outdoor with AMR TDD | |
| 9412 D2U E-NODEB Outdoor without AMR FDD | |
| 9412 D2U E-NODEB Outdoor without AMR TDD | |
| 9412 D2U E-NODEB TDD | |
| 9471 ATCA | |
| 9471 ATE | |
| 9471 MME | |
| 9471 Next Gen | |
| 9471 SGSN | |
| 9471 SRS | |
| 9471 vWMM | |
| 9471 WMM | |
| 9500 MPR-A | |
| 9500 MPR-A Chassis 1 | |
| 9500 MPR-A Chassis 4 | |

Table 3-5030 Shelf Type (continued)

| Name | Value |
|---|-------|
| 9500 MPR-E | |
| 9500 MPR-E Chassis 1 | |
| 9500 MPR-E Chassis 4 | |
| 9500 MPR _e | |
| 9763 MCI FAM E-NODEB FDD | |
| 9764 MCO FAM Adv E-NODEB FDD | |
| 9764 MCO FAM E-NODEB FDD | |
| 9764 MCO TRF E-NODEB FDD | |
| 9774 LMG | |
| 9926 D2U E-NODEB FDD | |
| 9926 D2U E-NODEB TDD | |
| 9966 SCGW | |
| DCM :Dispersion Compensation Module Shelf | |
| E-NODEB | |
| Empty Shelf | |
| FemtoCluster | |
| FemtoNetwork | |
| GNE | |
| GroupProfile | |
| HardwareProfile | |
| HDMCluster | |
| HMDomain | |
| HIP Chassis | |
| ITLB: Interleaver Shelf, Bidirectional | |
| ITLU: Interleaver Shelf, Unidirectional | |
| LocationProfile | |
| Locations | |
| LteCallpProfile | |
| LteLocalOverride | |
| LteOAMProfile | |
| LteProfile | |
| LteRRMProfile | |
| LteTransportProfile | |

Table 3-5030 Shelf Type (continued)

| Name | Value |
|----------------------|-------|
| MacroCells | |
| Master Shelf | |
| MDR 8000-Compact | |
| MDR 8000-Hot-Standby | |
| MDR-8000E-Compak | |
| MDR-8000E-Standard | |
| MDR-8000i | |
| MDR-8000s | |
| MDR-8000u | |
| MSH8-FSM Shelf | |
| MSS-1 | |
| MSS-4 | |
| MSS-8 | |
| OmniSwitch 10K | |
| OmniSwitch 6250 | |
| OmniSwitch 6400 | |
| OmniSwitch 6850 | |
| OmniSwitch 6850E | |
| OmniSwitch 6855 | |
| OmniSwitch 6855-U24X | |
| OmniSwitch 6900-T20 | |
| OmniSwitch 6900-T40 | |
| OmniSwitch 6900-X20 | |
| OmniSwitch 6900-X40 | |
| OmniSwitch 9600 | |
| OmniSwitch 9700 | |
| OmniSwitch 9700E | |
| OmniSwitch 9800 | |
| OmniSwitch 9800E | |
| OS6250-24 | |
| OS6250-24M | |
| OS6250-24MD | |
| OS6250-8M | |

Table 3-5030 Shelf Type (continued)

| Name | Value |
|--------------|-------|
| OS6250-P24 | |
| OS6400-24 | |
| OS6400-48 | |
| OS6400-DU24 | |
| OS6400-P24 | |
| OS6400-P48 | |
| OS6400-U24 | |
| OS6450-10 | |
| OS6450-10L | |
| OS6450-24 | |
| OS6450-24L | |
| OS6450-48 | |
| OS6450-48L | |
| OS6450-P10 | |
| OS6450-P10L | |
| OS6450-P10S | |
| OS6450-P24 | |
| OS6450-P24L | |
| OS6450-P48 | |
| OS6450-P48L | |
| OS6450-U24 | |
| OS6450-U24S | |
| OS6850-24 | |
| OS6850-24L | |
| OS6850-24LU | |
| OS6850-24X | |
| OS6850-48 | |
| OS6850-48L | |
| OS6850-48LU | |
| OS6850-48X | |
| OS6850-P24 | |
| OS6850-P24L | |
| OS6850-P24LU | |

Table 3-5030 Shelf Type (continued)

| Name | Value |
|---|-------|
| OS6850-P24X | |
| OS6850-P48 | |
| OS6850-P48L | |
| OS6850-P48LU | |
| OS6850-P48X | |
| OS6850-U24X | |
| OS6850E-24 | |
| OS6850E-24X | |
| OS6850E-48 | |
| OS6850E-48X | |
| OS6850E-P24 | |
| OS6850E-P24X | |
| OS6850E-P48 | |
| OS6850E-P48X | |
| OS6850E-U24X | |
| OS6855-14 | |
| OS6855-24 | |
| OS6855-U10 | |
| OS6855-U24 | |
| OS6855-U24X | |
| Pre-Provisioned E-NODEB | |
| Profile | |
| PSC1-6 | |
| SCGW 9966 ATCA | |
| SFD 40 B:Static Filter DWDM 40 Odd Channel Shelf | |
| SFD 40: Static Filter DWDM 40 Even Channel Shelf | |
| SFD 44 B :Static Filter DWDM 44 Odd Channel Shelf | |
| SFD 44: Static Filter DWDM 44 Even Channel Shelf | |
| SmallCells ATCA | |
| T4R | |
| T5 Compact 24F | |
| T5 Compact 24G | |
| T5 Compact 24GT | |

Table 3-5030 Shelf Type (continued)

| Name | Value |
|----------------|-------|
| T5 Compact 24T | |
| T5 Compact 48T | |
| T5R | |
| Unknown | |
| Unknown Shelf | |
| VSC | |

Site ID**Table 3-5031 Site ID**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site Name**Table 3-5032 Site Name**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Software Part Number
Table 3-5033 Software Part Number

| Name | Value |
|----------------|----------------------------|
| Description | Shelf Software PartNumber. |
| Displayed name | Software Part Number |
| OSS name | shelfSoftwarePartNumber |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Software Version**Table 3-5034 Software Version**

| Name | Value |
|----------------|----------------------|
| Default | yes:0 |
| Displayed name | Software Version |
| OSS name | swVer |
| Read-only | yes |
| Tab Panel | General ATCA Details |
| Type | STRING |

Standby Status**Table 3-5035 Standby Status**

| Name | Value |
|--------------------------|---|
| Default | yes:notRelevant |
| Description | The geo-redundancy standby status of this chassis. 'Providing service' implies this is the local chassis and any other state implies the chassis is a geo-redundant remote. |
| Displayed name | Standby Status |
| OSS name | geoStandbyStatus |
| Read-only | yes |
| Tab Panel | General Geo-Redundancy |
| Type | StandbyStatus |
| Enumerated types: | |
| Cold Standby | |

Table 3-5035 Standby Status (continued)

| Name | Value |
|-------------------|-------|
| Hot Standby | |
| Not Relevant | |
| Providing Service | |
| Unknown | |

State**Table 3-5036 State**

| Name | Value |
|----------------|---------------------|
| Default | yes:mpls_mode |
| Displayed name | State |
| OSS name | sasMode |
| Read-only | no |
| Tab Panel | General Uplink Mode |
| Type | INT |

Sub-node Details**Table 3-5037 Sub-node Details**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to gmpls.SubNode instance discovered through the CORBA interface. Applicable if this is an OCS shelf. |
| Displayed name | Sub-node Details |
| OSS name | subNodePointer |
| Read-only | yes |
| Tab Panel | General ASON Sub-node |
| Type | POINTER |

Switch Model
Table 3-5038 Switch Model

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Switch Model |
| Maximum | 252 |
| OSS name | switchModel |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Switch Request**Table 3-5039 Switch Request**

| Name | Value |
|----------------|-------------------------|
| Default | yes:noRequest |
| Displayed name | Switch Request |
| OSS name | switchRequest |
| Read-only | no |
| Tab Panel | Synchronization General |
| Type | SwitchRequestTypes |

Switch To Timing Reference**Table 3-5040 Switch To Timing Reference**

| Name | Value |
|----------------|----------------------------|
| Displayed name | Switch To Timing Reference |
| OSS name | switchToTimingReference |
| Read-only | no |
| Tab Panel | Synchronization General |
| Type | SwitchLineReference |

Sync Messaging
Table 3-5041 Sync Messaging

| Name | Value |
|----------------|-------------------------|
| Default | yes:disable |
| Displayed name | Sync Messaging |
| OSS name | syncSupport |
| Read-only | no |
| Tab Panel | Synchronization General |
| Type | EnableDisable |

Total Slots**Table 3-5042 Total Slots**

| Name | Value |
|----------------|-----------------------|
| Default | yes:1 |
| Displayed name | Total Slots |
| OSS name | numberOfCardSlots |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | INT |

Total Switching Capacity of the first row**Table 3-5043 Total Switching Capacity of the first row**

| Name | Value |
|----------------|--|
| Description | Describes the Total Switching Capacity of the first/upper shelf row in the unit of GBit/s. |
| Displayed name | Total Switching Capacity of the first row |
| OSS name | totalSwitchingCapacity1 |
| Read-only | no |
| Tab Panel | General Switching Capacity |
| Type | INT |

Total Switching Capacity of the second row
Table 3-5044 Total Switching Capacity of the second row

| Name | Value |
|----------------|--|
| Description | Describes the Total Switching Capacity of the second shelf row (if available) in the unit of GBit/s. |
| Displayed name | Total Switching Capacity of the second row |
| OSS name | totalSwitchingCapacity2 |
| Read-only | yes |
| Tab Panel | General Switching Capacity |
| Type | INT |

TRU Shelf ID**Table 3-5045 TRU Shelf ID**

| Name | Value |
|----------------|-----------------------|
| Default | yes:0 |
| Displayed name | TRU Shelf ID |
| Maximum | 255 |
| Minimum | 128 |
| OSS name | truShelfId |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | INT |

TRU Type**Table 3-5046 TRU Type**

| Name | Value |
|----------------|-----------------------|
| Default | yes:none |
| Displayed name | TRU Type |
| OSS name | truType |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | TruType |

Unit Part Number
Table 3-5047 Unit Part Number

| Name | Value |
|----------------|--------------------------------------|
| Description | Shelf Unit Manufacturing PartNumber. |
| Displayed name | Unit Part Number |
| OSS name | shelfUnitPartNumber |
| Read-only | no |
| Tab Panel | General Inventory |
| Type | STRING |

Unknown Status**Table 3-5048 Unknown Status**

| Name | Value |
|--------------------------|----------------------|
| Default | yes:true |
| Displayed name | Unknown Status |
| OSS name | unknownStatus |
| Read-only | yes |
| Tab Panel | General ATCA Details |
| Type | UnknownStatus |
| Enumerated types: | |
| False | |
| True | |

Used Switching Capacity of the first row**Table 3-5049 Used Switching Capacity of the first row**

| Name | Value |
|----------------|---|
| Description | Describes the Used Switching Capacity of the first/upper shelf row in the unit of GBit/s. |
| Displayed name | Used Switching Capacity of the first row |
| OSS name | usedSwitchingCapacity1 |
| Read-only | yes |
| Tab Panel | General Switching Capacity |
| Type | INT |

Used Switching Capacity of the second row
Table 3-5050 Used Switching Capacity of the second row

| Name | Value |
|----------------|---|
| Description | Describes the Used Switching Capacity of the second shelf row (if available) in the unit of GBit/s. |
| Displayed name | Used Switching Capacity of the second row |
| OSS name | usedSwitchingCapacity2 |
| Read-only | yes |
| Tab Panel | General Switching Capacity |
| Type | INT |

Virtual Chassis Local Slot**Table 3-5051 Virtual Chassis Local Slot**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | vChassisLocalVCSlot indicates the base virtual chassis slot number of the local chassis with an active CPM. |
| Displayed name | Virtual Chassis Local Slot |
| OSS name | vChassisLocalVCSlot |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | INT |

Virtual Fabric Link State**Table 3-5052 Virtual Fabric Link State**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | aggregateVflState indicates the state of the aggregated Virtual Fabric Link (VFL). |
| Displayed name | Virtual Fabric Link State |
| OSS name | aggregateVflState |
| Read-only | yes |
| Tab Panel | General Shelf Details |
| Type | AggregateVflState |

Table 3-5052 Virtual Fabric Link State (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Down | |
| Unknown | |
| Up | |

Voltage Floor**Table 3-5053 Voltage Floor**

| Name | Value |
|----------------|-----------------------|
| Default | yes:39 |
| Displayed name | Voltage Floor |
| Maximum | 72 |
| Minimum | 39 |
| OSS name | voltageFloor |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | INT |

Voltage Threshold Tolerance**Table 3-5054 Voltage Threshold Tolerance**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:2 |
| Displayed name | Voltage Threshold Tolerance |
| Maximum | 5 |
| Minimum | 1 |
| OSS name | voltageThresholdTolerance |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | INT |
| Units | Volts |

Wavelength Tracker Enabled

Table 3-5055 Wavelength Tracker Enabled

| Name | Value |
|----------------|---------------------------------------|
| Description | Wavelength Tracker Mode of the Shelf. |
| Displayed name | Wavelength Tracker Enabled |
| OSS name | wtMode |
| Read-only | no |
| Tab Panel | General Shelf Details |
| Type | BOOL |

Site FIB parameters

Administrative State

Table 3-5056 Administrative State

| Name | Value |
|--------------------------|----------------------------|
| Default | yes:down |
| Displayed name | Administrative State |
| OSS name | macMoveAdministrativeState |
| Read-only | no |
| Tab Panel | General MAC Move |
| Type | MacMoveState |
| Enumerated types: | |
| Down | |
| Unknown | |
| Up | |

Aging Enabled

Table 3-5057 Aging Enabled

| Name | Value |
|----------------|---------------|
| Default | yes:true |
| Displayed name | Aging Enabled |
| OSS name | agingEnabled |

Table 3-5057 Aging Enabled (continued)

| Name | Value |
|-------------|--------------------|
| Read-only | no |
| Tab Panel | General Properties |
| Type | BOOL |

Discard Unknown Destinations**Table 3-5058 Discard Unknown Destinations**

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Displayed name | Discard Unknown Destinations |
| OSS name | discardUnknownDestinations |
| Read-only | no |
| Tab Panel | General Properties |
| Type | BOOL |

Entries**Table 3-5059 Entries**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Entries |
| OSS name | entries |
| Read-only | no |
| Tab Panel | General Properties |
| Type | LONG |

High Watermark**Table 3-5060 High Watermark**

| Name | Value |
|----------------|----------------|
| Default | yes:95 |
| Displayed name | High Watermark |
| Maximum | 100 |

Table 3-5060 High Watermark (continued)

| Name | Value |
|-------------|--------------------|
| Minimum | 0 |
| OSS name | highWatermark |
| Read-only | no |
| Tab Panel | General Properties |
| Type | LONG |
| Units | % |

Learning Enabled**Table 3-5061 Learning Enabled**

| Name | Value |
|----------------|--------------------|
| Default | yes:true |
| Displayed name | Learning Enabled |
| OSS name | learningEnabled |
| Read-only | no |
| Tab Panel | General Properties |
| Type | BOOL |

Local Age Time**Table 3-5062 Local Age Time**

| Name | Value |
|----------------|--------------------|
| Default | yes:300 |
| Displayed name | Local Age Time |
| Maximum | 86400 |
| Minimum | 60 |
| OSS name | localAgeTime |
| Read-only | no |
| Tab Panel | General Properties |
| Type | LONG |
| Units | seconds |

Low Watermark

Table 3-5063 Low Watermark

| Name | Value |
|----------------|--------------------|
| Default | yes:90 |
| Displayed name | Low Watermark |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | lowWatermark |
| Read-only | no |
| Tab Panel | General Properties |
| Type | LONG |
| Units | % |

MAC Flush on Fail

Table 3-5064 MAC Flush on Fail

| Name | Value |
|--------------------------|--|
| Default | yes:disabled |
| Description | Specifies whether a special mac-flush is sent when a port or sap becomes operational down. Replace the property "macflushOnFail" on VPLS site. |
| Displayed name | MAC Flush on Fail |
| OSS name | macFlushOnFail |
| Read-only | no |
| Tab Panel | General Properties |
| Type | MacFlushAdminState |
| Enumerated types: | |
| | Disabled |
| | Enabled |

MAC Subnet Length

Table 3-5065 MAC Subnet Length

| Name | Value |
|---------|--------|
| Default | yes:48 |

Table 3-5065 MAC Subnet Length (continued)

| Name | Value |
|----------------|--|
| Description | "Specifies how many bits, starting from the beginning of the MAC address are used for MAC learning and switching." |
| Displayed name | MAC Subnet Length |
| Maximum | 48 |
| Minimum | 24 |
| OSS name | macSubnetLength |
| Read-only | no |
| Tab Panel | General Properties |
| Type | INT |

Move Frequency**Table 3-5066 Move Frequency**

| Name | Value |
|----------------|------------------|
| Default | yes:2 |
| Displayed name | Move Frequency |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | macMoveFrequency |
| Read-only | no |
| Tab Panel | General MAC Move |
| Type | INT |

Number of Retries**Table 3-5067 Number of Retries**

| Name | Value |
|----------------|--|
| Default | yes:3 |
| Description | "This value specifies the number of times retries are performed for re-enabling the SAP/SDP. A value of zero indicates unlimited number of retries." |
| Displayed name | Number of Retries |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | macMoveNumRetries |

Table 3-5067 Number of Retries (continued)

| Name | Value |
|-------------|------------------|
| Read-only | no |
| Tab Panel | General MAC Move |
| Type | LONG |

Primary Ports Cumulative Factor**Table 3-5068 Primary Ports Cumulative Factor**

| Name | Value |
|----------------|--|
| Default | yes:3 |
| Description | "The value specifies a factor for the secondary ports defining how many MAC-relearn periods should be used to measure the MAC-relearn rate. This rate must be exceeded during consecutive periods before the corresponding ports (SAP and/or spoke-SDP) are blocked by the MAC-move feature. |
| Displayed name | Primary Ports Cumulative Factor |
| Maximum | 10 |
| Minimum | 3 |
| OSS name | macMovePrimaryPortsCumulativeFactor |
| Read-only | no |
| Tab Panel | General MAC Move |
| Type | LONG |

Propagate MAC Flush**Table 3-5069 Propagate MAC Flush**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether 'MAC flush' messages received from the given LDP are propagated to all spoke-SDPs and mesh-SDPs within the context of this VPLS service. The propagation will follow the 'split-horizon' principle and any data-path blocking in order to avoid the looping of these messages. |
| Displayed name | Propagate MAC Flush |
| OSS name | propagateMacFlush |
| Read-only | no |
| Tab Panel | General Properties |
| Type | BOOL |

Remote Age Time

Table 3-5070 Remote Age Time

| Name | Value |
|----------------|--------------------|
| Default | yes:900 |
| Displayed name | Remote Age Time |
| Maximum | 86400 |
| Minimum | 60 |
| OSS name | remoteAgeTime |
| Read-only | no |
| Tab Panel | General Properties |
| Type | LONG |
| Units | seconds |

Retry Timeout

Table 3-5071 Retry Timeout

| Name | Value |
|----------------|---------------------|
| Default | yes:10 |
| Displayed name | Retry Timeout |
| Maximum | 120 |
| Minimum | 0 |
| OSS name | macMoveRetryTimeout |
| Read-only | no |
| Tab Panel | General MAC Move |
| Type | INT |

Secondary Ports Cumulative Factor

Table 3-5072 Secondary Ports Cumulative Factor

| Name | Value |
|----------------|--|
| Default | yes:2 |
| Description | "The value specifies a factor for the secondary ports defining how many MAC-relearn periods should be used to measure the MAC-relearn rate. This rate must be exceeded during consecutive periods before the corresponding ports (SAP and/or spoke-SDP) are blocked by the MAC-move feature. |
| Displayed name | Secondary Ports Cumulative Factor |

Table 3-5072 Secondary Ports Cumulative Factor (continued)

| Name | Value |
|-------------|---------------------------------------|
| Maximum | 9 |
| Minimum | 2 |
| OSS name | macMoveSecondaryPortsCumulativeFactor |
| Read-only | no |
| Tab Panel | General MAC Move |
| Type | LONG |

Service ID**Table 3-5073 Service ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Service ID |
| OSS name | serviceId |
| Read-only | yes |
| Tab Panel | General Service |
| Type | LONG |

Service Name**Table 3-5074 Service Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Service Name |
| Maximum | 64 |
| OSS name | serviceName |
| Read-only | yes |
| Tab Panel | General Service |
| Type | STRING |

Site ID**Table 3-5075 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-5076 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Size**Table 3-5077 Size**

| Name | Value |
|----------------|--------------------|
| Default | yes:250 |
| Displayed name | Size |
| Maximum | 131071 |
| Minimum | 1 |
| OSS name | size |
| Read-only | no |
| Tab Panel | General Properties |
| Type | LONG |

Table 3-5077 Size (continued)

| Name | Value |
|-------|---------|
| Units | entries |

Static Entries**Table 3-5078 Static Entries**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Static Entries |
| OSS name | staticEntries |
| Read-only | no |
| Tab Panel | General Properties |
| Type | LONG |

Subscriber ID**Table 3-5079 Subscriber ID**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Subscriber ID |
| OSS name | subscriberId |
| Read-only | yes |
| Tab Panel | General Subscriber |
| Type | LONG |

Subscriber Name**Table 3-5080 Subscriber Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Subscriber Name |
| Maximum | 32 |
| OSS name | subscriberName |
| Read-only | yes |

Table 3-5080 Subscriber Name (continued)

| Name | Value |
|-------------|--------------------|
| Tab Panel | General Subscriber |
| Type | STRING |

Site User Profile Match Entry parameters

Action

Table 3-5081 Action

| Name | Value |
|--------------------------|--|
| Default | yes:deny |
| Description | Action to be used in case if a command matches this entry. |
| Displayed name | Action |
| OSS name | action |
| Read-only | no |
| Tab Panel | General Properties |
| Type | UserProfileAction |
| Enumerated types: | |
| | allow |
| | deny |
| | none |

Description

Table 3-5082 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Displayed Name
Table 3-5083 Displayed Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Displayed Name |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

ID**Table 3-5084 ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | ID |
| Mandatory on creation | yes |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Match String**Table 3-5085 Match String**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Match string to be used for this entry. |
| Displayed name | Match String |
| Maximum | 256 |
| Minimum | 0 |

Table 3-5085 Match String (continued)

| Name | Value |
|-------------|--------------------|
| OSS name | matchString |
| Read-only | no |
| Tab Panel | General Properties |
| Type | STRING |

SiteIcmpSnooping parameters

Administrative State

Table 3-5086 Administrative State

| Name | Value |
|--------------------------|----------------------|
| Default | yes:down |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | IcmpSnoopingState |
| Enumerated types: | |
| Down | |
| unknown | |
| Up | |

Query Interval

Table 3-5087 Query Interval

| Name | Value |
|----------------|-----------------|
| Default | yes:125 |
| Displayed name | Query Interval |
| Maximum | 65535 |
| Minimum | 1 |
| OSS name | queryInterval |
| Read-only | no |
| Tab Panel | General General |

Table 3-5087 Query Interval (continued)

| Name | Value |
|-------|---------|
| Type | INT |
| Units | seconds |

Query Source Address**Table 3-5088 Query Source Address**

| Name | Value |
|----------------|---|
| Default | yes:0.0.0.0 |
| Description | This property, together with the value of useQuerySrcAddress, specifies the source IP address used when generating IGMP queries. The value of this property is only used when the value of useQuerySrcAddr is 'true'. |
| Displayed name | Query Source Address |
| OSS name | querySrcAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Report Source Address**Table 3-5089 Report Source Address**

| Name | Value |
|----------------|-----------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Report Source Address |
| OSS name | reportSrcAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Robust Count**Table 3-5090 Robust Count**

| Name | Value |
|----------------|--------------|
| Default | yes:2 |
| Displayed name | Robust Count |

Table 3-5090 Robust Count (continued)

| Name | Value |
|-------------|-----------------|
| Maximum | 255 |
| Minimum | 1 |
| OSS name | robustCount |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Use Query Source Address**Table 3-5091 Use Query Source Address**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | This property, together with the value of querySrcAddress, specifies the source IP address used when generating IGMP queries. When the value of this property is 'true', the value configured in querySrcAddress is used as the query source address. When the value of this property is 'false', the IP address of the system interface is used." |
| Displayed name | Use Query Source Address |
| OSS name | useQuerySrcAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

SoftwareUpgradePolicy parameters**ATCA Image Root Path****Table 3-5092 ATCA Image Root Path**

| Name | Value |
|----------------|--|
| Default | yes:cf3:/images |
| Description | Specifies the location on the node file system, where the software image files shall be transferred. |
| Displayed name | ATCA Image Root Path |
| Maximum | 255 |
| Minimum | 0 |

Table 3-5092 ATCA Image Root Path (continued)

| Name | Value |
|-------------|---------------------------|
| OSS name | cflashImageRoot |
| Read-only | no |
| Tab Panel | General MME Based Setting |
| Type | STRING |

Auto-Accept After Successful Software Activation**Table 3-5093 Auto-Accept After Successful Software Activation**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates whether the 5620 SAM shall automatically send the 'Accept Software Image' request to the eNodeB following a successful 'Activation' of that same Software Image. |
| Displayed name | Auto-Accept After Successful Software Activation |
| OSS name | isAutoAccept |
| Read-only | no |
| Tab Panel | General eNodeB Based Setting |
| Type | BOOL |

Auto-Activate After Successful File Transfer**Table 3-5094 Auto-Activate After Successful File Transfer**

| Name | Value |
|----------------|--|
| Default | yes:true |
| Description | Indicates whether the 5620SAM server shall activate the software image, after transferring it successfully to the node. Image activation involves updating the bof file on the node to point to this image, backing up the currently active boot loader and replacing it by the boot loader from the selected image and then forcing a boot env resync for nodes with redundant CPMs. Note : Deprecated for SR family in 12.0, use {{mediation.SoftwareFolderDescriptor.activateImage()}} instead. |
| Displayed name | Auto-Activate After Successful File Transfer |
| OSS name | isAutoActivate |
| Read-only | no |
| Tab Panel | General eNodeB Based Setting |
| Type | BOOL |

Auto-Activate After Successful File Transfer
Table 3-5095 Auto-Activate After Successful File Transfer

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates whether the 5620SAM server shall activate the software image, after transferring it successfully to the node. Image activation involves updating the bof file on the node to point to this image, backing up the currently active boot loader and replacing it by the boot loader from the selected image and then forcing a boot env resync for nodes with redundant CPMs. Note : Deprecated for SR family in 12.0, use <code>{{mediation.SoftwareFolderDescriptor.activateImage()}}</code> instead. |
| Displayed name | Auto-Activate After Successful File Transfer |
| OSS name | isAutoActivate |
| Read-only | no |
| Tab Panel | General FGW Based Setting |
| Type | BOOL |

Auto-Activate After Successful File Transfer**Table 3-5096 Auto-Activate After Successful File Transfer**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates whether the 5620SAM server shall activate the software image, after transferring it successfully to the node. Image activation involves updating the bof file on the node to point to this image, backing up the currently active boot loader and replacing it by the boot loader from the selected image and then forcing a boot env resync for nodes with redundant CPMs. Note : Deprecated for SR family in 12.0, use <code>{{mediation.SoftwareFolderDescriptor.activateImage()}}</code> instead. |
| Displayed name | Auto-Activate After Successful File Transfer |
| OSS name | isAutoActivate |
| Read-only | no |
| Tab Panel | General PSS Based Setting |
| Type | BOOL |

Auto-Commit After Successful Software Activation**Table 3-5097 Auto-Commit After Successful Software Activation**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-5097 Auto-Commit After Successful Software Activation (continued)

| Name | Value |
|----------------|--|
| Description | Indicates whether the 5620 SAM shall automatically send the 'Accept Software Image' request to the eNodeB following a successful 'Activation' of that same Software Image. |
| Displayed name | Auto-Commit After Successful Software Activation |
| OSS name | isAutoAccept |
| Read-only | no |
| Tab Panel | General PSS Based Setting |
| Type | BOOL |

CFlash Backup Root Path

Table 3-5098 CFlash Backup Root Path

| Name | Value |
|----------------|--|
| Default | yes:cf3:/backup |
| Description | Specifies the location on the node file system, where the currently active boot loader shall be backed up, before replacing it with the new boot loader. |
| Displayed name | CFlash Backup Root Path |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | cflashBackupRoot |
| Read-only | no |
| Tab Panel | General SR Based Setting |
| Type | STRING |

CFlash Image Root Path

Table 3-5099 CFlash Image Root Path

| Name | Value |
|----------------|--|
| Default | yes:cf3:/images |
| Description | Specifies the location on the node file system, where the software image files shall be transferred. |
| Displayed name | CFlash Image Root Path |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | cflashImageRoot |

Table 3-5099 CFlash Image Root Path (continued)

| Name | Value |
|-------------|--------------------------|
| Read-only | no |
| Tab Panel | General SR Based Setting |
| Type | STRING |

FGW Image Root Path**Table 3-5100 FGW Image Root Path**

| Name | Value |
|----------------|--|
| Default | yes:cf3:/images |
| Description | Specifies the location on the node file system, where the software image files shall be transferred. |
| Displayed name | FGW Image Root Path |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | cflashImageRoot |
| Read-only | no |
| Tab Panel | General FGW Based Setting |
| Type | STRING |

Force Upgrade**Table 3-5101 Force Upgrade**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This attribute on enable, MAY result in the DB being purged (only if there is no upgrade path available). |
| Displayed name | Force Upgrade |
| OSS name | forceUpgrade |
| Read-only | no |
| Tab Panel | General PSS Audit Setting |
| Type | BOOL |

Forced Download**Table 3-5102 Forced Download**

| Name | Value |
|----------------|---------------------------|
| Default | yes:false |
| Displayed name | Forced Download |
| OSS name | forcedActivation |
| Read-only | no |
| Tab Panel | General MPR Based Setting |
| Type | BOOL |

FTP Password**Table 3-5103 FTP Password**

| Name | Value |
|----------------|--|
| Default | yes: |
| Displayed name | FTP Password |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpPassword |
| Read-only | no |
| Tab Panel | General MPR Based Setting FTP Settings |
| Type | STRING |

FTP Server Port**Table 3-5104 FTP Server Port**

| Name | Value |
|----------------|--|
| Default | yes:21 |
| Displayed name | FTP Server Port |
| OSS name | ftpServerPort |
| Read-only | no |
| Tab Panel | General MPR Based Setting FTP Settings |
| Type | INT |

FTP User ID
Table 3-5105 FTP User ID

| Name | Value |
|----------------|--|
| Displayed name | FTP User ID |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpUser |
| Read-only | no |
| Tab Panel | General MPR Based Setting FTP Settings |
| Type | STRING |

Host Key Fingerprint**Table 3-5106 Host Key Fingerprint**

| Name | Value |
|----------------|---|
| Default | no |
| Displayed name | Host Key Fingerprint |
| Maximum | 32 |
| OSS name | sshHostKeyFingerPrint |
| Read-only | no |
| Tab Panel | General MPR Based Setting SFTP Settings |
| Type | STRING |

Image Root Path**Table 3-5107 Image Root Path**

| Name | Value |
|----------------|--|
| Default | yes:cf3:/images |
| Description | Specifies the location on the node file system, where the software image files shall be transferred. |
| Displayed name | Image Root Path |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | cflashImageRoot |
| Read-only | no |

Table 3-5107 Image Root Path (continued)

| Name | Value |
|-------------|---------------------------|
| Tab Panel | General AOS Based Setting |
| Type | STRING |

Name**Table 3-5108 Name**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the name of this software upgrade policy. |
| Displayed name | Name |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Node Backup**Table 3-5109 Node Backup**

| Name | Value |
|----------------|--|
| Default | yes:true |
| Description | This attribute, enforces node for DB backup as part of audit action. |
| Displayed name | Node Backup |
| OSS name | backup |
| Read-only | no |
| Tab Panel | General PSS Audit Setting |
| Type | BOOL |

Node Backup Directory

Table 3-5110 Node Backup Directory

| Name | Value |
|----------------|---|
| Default | yes:/ |
| Description | This attribute has to be configured only in case 'Use Active Server' is false and 'Node Backup' is true. Used in audit action. Indicates the backup path location. If backupDir is not configured by user, audit action will use the default backup path location on the main server as the backup path on the remote server as well. |
| Displayed name | Node Backup Directory |
| OSS name | backupDir |
| Read-only | no |
| Tab Panel | General PSS Audit Setting |
| Type | STRING |

Policy ID

Table 3-5111 Policy ID

| Name | Value |
|-----------------------|--|
| Default | yes:1 |
| Description | Specifies the ID assigned to this software upgrade policy. |
| Displayed name | Policy ID |
| Mandatory on creation | yes |
| Maximum | 65535 |
| Minimum | 1 |
| OSS name | policyId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Policy Type

Table 3-5112 Policy Type

| Name | Value |
|-----------------------|-------------|
| Default | yes:srBased |
| Displayed name | Policy Type |
| Mandatory on creation | yes |

Table 3-5112 Policy Type (continued)

| Name | Value |
|--------------------------|-----------------|
| OSS name | policyType |
| Read-only | no |
| Tab Panel | General General |
| Type | PolicyType |
| Enumerated types: | |
| 1830 PSS Node | |
| 1830 PSS OCS Node | |
| AOS Based Node | |
| eNodeB Node | |
| FGW Node | |
| MME Node | |
| MPR Node | |
| SR Based Node | |

Root Directory**Table 3-5113 Root Directory**

| Name | Value |
|----------------|---------------------------|
| Default | yes:/ |
| Displayed name | Root Directory |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpRootDir |
| Read-only | no |
| Tab Panel | General MPR Based Setting |
| Type | STRING |

Root Directory**Table 3-5114 Root Directory**

| Name | Value |
|----------------|----------------|
| Default | yes:/ |
| Displayed name | Root Directory |

Table 3-5114 Root Directory (continued)

| Name | Value |
|-------------|---------------------------|
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpRootDir |
| Read-only | no |
| Tab Panel | General PSS Based Setting |
| Type | STRING |

Running Directory**Table 3-5115 Running Directory**

| Name | Value |
|----------------|---------------------------|
| Default | yes:working |
| Displayed name | Running Directory |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | runningDirectory |
| Read-only | no |
| Tab Panel | General AOS Based Setting |
| Type | STRING |

Server IP**Table 3-5116 Server IP**

| Name | Value |
|----------------|---------------------------|
| Default | yes:127.0.0.1 |
| Displayed name | Server IP |
| OSS name | ftpServerIP |
| Read-only | no |
| Tab Panel | General PSS Based Setting |
| Type | INETADDR |

SFTP Password**Table 3-5117 SFTP Password**

| Name | Value |
|----------------|---------------------------|
| Default | yes: |
| Displayed name | SFTP Password |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sftpPassword |
| Read-only | no |
| Tab Panel | General FGW Based Setting |
| Type | STRING |

SFTP Password**Table 3-5118 SFTP Password**

| Name | Value |
|----------------|---|
| Default | yes: |
| Displayed name | SFTP Password |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sftpPassword |
| Read-only | no |
| Tab Panel | General MPR Based Setting SFTP Settings |
| Type | STRING |

SFTP Password**Table 3-5119 SFTP Password**

| Name | Value |
|----------------|---------------|
| Default | yes: |
| Displayed name | SFTP Password |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sftpPassword |
| Read-only | no |

Table 3-5119 SFTP Password (continued)

| Name | Value |
|-------------|----------------------|
| Tab Panel | General SFTP Setting |
| Type | STRING |

SFTP Server Port**Table 3-5120 SFTP Server Port**

| Name | Value |
|----------------|---|
| Default | yes:22 |
| Displayed name | SFTP Server Port |
| OSS name | sFtpServerPort |
| Read-only | no |
| Tab Panel | General MPR Based Setting SFTP Settings |
| Type | INT |

SFTP Server Port**Table 3-5121 SFTP Server Port**

| Name | Value |
|----------------|----------------------|
| Default | yes:22 |
| Displayed name | SFTP Server Port |
| OSS name | sFtpServerPort |
| Read-only | no |
| Tab Panel | General SFTP Setting |
| Type | INT |

SFTP User ID**Table 3-5122 SFTP User ID**

| Name | Value |
|----------------|--------------|
| Displayed name | SFTP User ID |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sftpUser |

Table 3-5122 SFTP User ID (continued)

| Name | Value |
|-------------|---------------------------|
| Read-only | no |
| Tab Panel | General FGW Based Setting |
| Type | STRING |

SFTP User ID**Table 3-5123 SFTP User ID**

| Name | Value |
|----------------|---|
| Displayed name | SFTP User ID |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sftpUser |
| Read-only | no |
| Tab Panel | General MPR Based Setting SFTP Settings |
| Type | STRING |

SFTP User ID**Table 3-5124 SFTP User ID**

| Name | Value |
|----------------|----------------------|
| Displayed name | SFTP User ID |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sftpUser |
| Read-only | no |
| Tab Panel | General SFTP Setting |
| Type | STRING |

SFTP/FTP Password**Table 3-5125 SFTP/FTP Password**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-5125 SFTP/FTP Password (continued)

| Name | Value |
|----------------|---------------------------|
| Displayed name | SFTP/FTP Password |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpPassword |
| Read-only | no |
| Tab Panel | General PSS Based Setting |
| Type | STRING |

SFTP/FTP Server IP**Table 3-5126 SFTP/FTP Server IP**

| Name | Value |
|----------------|---------------------------|
| Default | yes:127.0.0.1 |
| Displayed name | SFTP/FTP Server IP |
| OSS name | ftpServerIP |
| Read-only | no |
| Tab Panel | General MPR Based Setting |
| Type | INETADDR |

SFTP/FTP Server Port**Table 3-5127 SFTP/FTP Server Port**

| Name | Value |
|----------------|---------------------------|
| Default | yes:21 |
| Displayed name | SFTP/FTP Server Port |
| OSS name | ftpServerPort |
| Read-only | no |
| Tab Panel | General PSS Based Setting |
| Type | INT |

SFTP/FTP User ID

Table 3-5128 SFTP/FTP User ID

| Name | Value |
|----------------|---------------------------|
| Displayed name | SFTP/FTP User ID |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | ftpUser |
| Read-only | no |
| Tab Panel | General PSS Based Setting |
| Type | STRING |

Software Download

Table 3-5129 Software Download

| Name | Value |
|----------------|--|
| Default | yes:true |
| Description | Indicates whether the 5620SAM server shall download image to the NEs, as a part of the {{mediation.SoftwareFolderDescriptor.upgrade()}} or {{mediation.SoftwareFolderDescriptor.scheduleUpgrade()}} or {{mediation.SoftwareFolderDescriptor.activateImage()}} actions. |
| Displayed name | Software Download |
| OSS name | fileTxOnly |
| Read-only | no |
| Tab Panel | General SR Based Setting |
| Type | BOOL |

Software Upgrade

Table 3-5130 Software Upgrade

| Name | Value |
|----------------|-----------------------------|
| Displayed name | Software Upgrade |
| OSS name | valueManager:autoRebootType |
| Read-only | no |
| Tab Panel | General SR Based Setting |

Software Upgrade Options
Table 3-5131 Software Upgrade Options

| Name | Value |
|---|--|
| Default | yes:none |
| Description | Indicates whether 5620 SAM server shall activate the selected software on the node, followed by a system-wide reboot or system-wide reboot with firmware upgrade, (supported only on 7210 SAS and 7705 SAR family) or perform ISSU (In Service Software Upgrade), after a successful activation. Note: This attribute must be set to "none", if <code>{{mediation.SoftwareUpgradePolicy.isAutoReboot}}</code> is set to false. |
| Displayed name | Software Upgrade Options |
| OSS name | autoRebootType |
| Read-only | no |
| Tab Panel | General SR Based Setting |
| Type | AutoRebootTypes |
| Enumerated types: | |
| Activate and Reboot | |
| Activate and Reboot with Firmware Upgrade | |
| ISSU (In Service Software Upgrade) | |
| None | |

Time To Wait Before Fallback To Previous Software Version**Table 3-5132 Time To Wait Before Fallback To Previous Software Version**

| Name | Value |
|----------------|---|
| Default | yes:30 |
| Description | This parameter is used to specify the timer (minutes) to wait for eNodeB performing a full fallback to the previous SW version when eNodeB failed to use new (updated) version. OMC can also use this parameter to detect network problems and re-configure eNodeB. The value 0 is used to turn off the SW fallback functionality. The supported timer range is 30 .. 120 min. The default value is 30 min. |
| Displayed name | Time To Wait Before Fallback To Previous Software Version |
| Maximum | 120 |
| Minimum | 0 |
| OSS name | timerToWaitForFallbackToPreviousSWversion |
| Read-only | no |
| Tab Panel | General eNodeB Based Setting |
| Type | INT |
| Units | min |

Transfer Protocol
Table 3-5133 Transfer Protocol

| Name | Value |
|--------------------------|------------------------------|
| Default | yes:ftp |
| Displayed name | Transfer Protocol |
| OSS name | ftpType |
| Read-only | no |
| Tab Panel | General eNodeB Based Setting |
| Type | FtpType |
| Enumerated types: | |
| FTP | |
| SFTP | |
| TFTP | |

Transfer Protocol**Table 3-5134 Transfer Protocol**

| Name | Value |
|--------------------------|---------------------------|
| Default | yes:ftp |
| Displayed name | Transfer Protocol |
| OSS name | ftpType |
| Read-only | no |
| Tab Panel | General MPR Based Setting |
| Type | FtpType |
| Enumerated types: | |
| FTP | |
| SFTP | |
| TFTP | |

Transfer Protocol**Table 3-5135 Transfer Protocol**

| Name | Value |
|----------------|-------------------|
| Default | yes:ftp |
| Displayed name | Transfer Protocol |

Table 3-5135 Transfer Protocol (continued)

| Name | Value |
|--------------------------|---------------------------|
| OSS name | ftpType |
| Read-only | no |
| Tab Panel | General PSS Based Setting |
| Type | FtpType |
| Enumerated types: | |
| FTP | |
| SFTP | |
| TFTP | |

Upgrade File Type

Table 3-5136 Upgrade File Type

| Name | Value |
|--------------------------|--|
| Default | yes:aosAllFile |
| Description | Indicates whether this software upgrade shall download types of files to AOS switch. |
| Displayed name | Upgrade File Type |
| OSS name | upgradeBootFiles |
| Read-only | no |
| Tab Panel | General AOS Based Setting |
| Type | AOSFilesType |
| Enumerated types: | |
| Boot Files Only | |
| Image and Boot Files | |
| Image Files Only | |

Use Active Server

Table 3-5137 Use Active Server

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates whether the NE Software Image is in remote server Or 5620 SAM server. |
| Displayed name | Use Active Server |
| OSS name | useActiveServer |

Table 3-5137 Use Active Server (continued)

| Name | Value |
|-------------|---------------------------|
| Read-only | no |
| Tab Panel | General PSS Based Setting |
| Type | BOOL |

Source Port parameters

Customer ID

Table 3-5138 Customer ID

| Name | Value |
|----------------|------------------|
| Default | yes:1 |
| Displayed name | Customer ID |
| OSS name | subscriberId |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | LONG |

Customer Name

Table 3-5139 Customer Name

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 32 |
| OSS name | subscriberName |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | STRING |

Enable Egress**Table 3-5140 Enable Egress**

| Name | Value |
|----------------|--------------------|
| Default | yes:true |
| Displayed name | Enable Egress |
| OSS name | egressEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | generic.TruthValue |

Enable Ingress**Table 3-5141 Enable Ingress**

| Name | Value |
|----------------|--------------------|
| Default | yes:true |
| Displayed name | Enable Ingress |
| OSS name | ingressEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | generic.TruthValue |

Port**Table 3-5142 Port**

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | Port |
| Mandatory on creation | yes |
| Maximum | 252 |
| OSS name | portName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Port ID**Table 3-5143 Port ID**

| Name | Value |
|----------------|-----------------|
| Displayed name | Port ID |
| OSS name | portId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Service ID**Table 3-5144 Service ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Service ID |
| OSS name | serviceId |
| Read-only | yes |
| Tab Panel | General Service |
| Type | LONG |

Service Name**Table 3-5145 Service Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Service Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | serviceName |
| Read-only | yes |
| Tab Panel | General Service |
| Type | STRING |

Site ID**Table 3-5146 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 60 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-5147 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Split Horizon Group parameters

Description**Table 3-5148 Description**

| Name | Value |
|----------------|-------------|
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |

Table 3-5148 Description (continued)

| Name | Value |
|-------------|-----------------------------|
| Tab Panel | General Split Horizon Group |
| Type | STRING |

Name**Table 3-5149 Name**

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes: |
| Displayed name | Name |
| Mandatory on creation | yes |
| Maximum | 32 |
| Minimum | 1 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General Split Horizon Group |
| Type | STRING |

Static Route parameters**Administrative State****Table 3-5150 Administrative State**

| Name | Value |
|----------------|--------------------------|
| Default | yes:tmnxInService |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General Other |
| Type | netw.AdministrativeState |

Aggregator ID**Table 3-5151 Aggregator ID**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | aggregator ID that this static route goes from/to |
| Displayed name | Aggregator ID |
| Maximum | 50 |
| OSS name | aggregatorId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

BFD Enabled**Table 3-5152 BFD Enabled**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | specifies whether Bi-directional Forwarding Detection is enabled in this interface. When the value is 'true', this interface can establish BFD sessions and use BFD as a signalling mechanism. When it is 'false', it cannot use BFD. |
| Displayed name | BFD Enabled |
| OSS name | bfdEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

BFD Operational State**Table 3-5153 BFD Operational State**

| Name | Value |
|----------------|--------------------------------------|
| Default | yes:0 |
| Description | operational state of the BFD session |
| Displayed name | BFD Operational State |
| OSS name | bfdOperationalState |
| Read-only | no |

Table 3-5153 BFD Operational State (continued)

| Name | Value |
|-------------|---------------|
| Tab Panel | General Other |
| Type | INT |

BFD State**Table 3-5154 BFD State**

| Name | Value |
|--------------------------|--------------------------|
| Default | yes:-1 |
| Description | state of the BFD session |
| Displayed name | BFD State |
| OSS name | bfdState |
| Read-only | no |
| Tab Panel | General Other |
| Type | BfdSessionState |
| Enumerated types: | |
| Administrative Down | |
| Down | |
| Initialization | |
| N/A | |
| Up | |

Community**Table 3-5155 Community**

| Name | Value |
|----------------|---|
| Description | The Community parameter specifies a route policy community ID for the static or aggregated route. A route policy uses the community value to control the distribution of the route into other protocols. BGP uses the community value to control the distribution of this route into other routers. Only one community can be associated with an aggregate or static route. The parameter is defined as an ID string or a well-known standard community. The format for an ID string is [2-byte-AS-number]:[2-byte-decimal-number]. For example, 100:30 is a valid ID string. The permitted well-known standard communities are no-export, no-export-subconfed, no-advertise, and null. |
| Displayed name | Community |
| Maximum | 72 |
| Minimum | 0 |

Table 3-5155 Community (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | community |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Description**Table 3-5156 Description**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Destination**Table 3-5157 Destination**

| Name | Value |
|-----------------------|---------------------|
| Displayed name | Destination |
| Mandatory on creation | yes |
| OSS name | destination |
| Read-only | no |
| Tab Panel | General Destination |
| Type | INETADDR |

Destination Class Index

Table 3-5158 Destination Class Index

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The value of destination class specifies the destination-class for this static route. The value of 0 means no destination-class. |
| Displayed name | Destination Class Index |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | destinationClass |
| Read-only | no |
| Tab Panel | General Source/Destination Class Index |
| Type | INT |

Disallow IGP

Table 3-5159 Disallow IGP

| Name | Value |
|----------------|----------------------|
| Default | yes:false |
| Displayed name | Disallow IGP |
| OSS name | disallowIGP |
| Read-only | no |
| Tab Panel | General IGP Shortcut |
| Type | generic.TruthValue |

Drop Count

Table 3-5160 Drop Count

| Name | Value |
|----------------|---|
| Default | yes:3 |
| Description | The number of consecutive ping-replies that must be missed before concluding the CPE is down. If the CPE is determined to be down, the associated static route will be deactivated. |
| Displayed name | Drop Count |
| Maximum | 255 |
| Minimum | 1 |

Table 3-5160 Drop Count (continued)

| Name | Value |
|-------------|-------------------|
| OSS name | cpeDropCount |
| Read-only | no |
| Tab Panel | General CPE Check |
| Type | INT |

Dynamic BGP**Table 3-5161 Dynamic BGP**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The Dynamic BGP parameter specifies whether dynamic BGP route selection is enabled. When the parameter is enabled, the black hole static route dynamically derives its next hop from the best BGP route with the same IP prefix. |
| Displayed name | Dynamic BGP |
| OSS name | enableDynamicBgp |
| Read-only | no |
| Tab Panel | General Destination |
| Type | BOOL |

Edge ID**Table 3-5162 Edge ID**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | edge ID that this static route goes from/to |
| Displayed name | Edge ID |
| Maximum | 50 |
| OSS name | edgeId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Enable CPE Check

Table 3-5163 Enable CPE Check

| Name | Value |
|----------------|------------------------|
| Default | yes:false |
| Description | SAM internal use only. |
| Displayed name | Enable CPE Check |
| OSS name | enableCpe |
| Read-only | no |
| Tab Panel | General CPE Check |
| Type | BOOL |

Enable LDP Sync Timer

Table 3-5164 Enable LDP Sync Timer

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | If the value of enableLdpSyncTimer is true, this static route will not enable the preferred route immediately after the interface to the next-hop comes up but will wait for the LDP adjacency on the link to come up and start the ldp sync timer. On timer expiration, routing will enable the static route. |
| Displayed name | Enable LDP Sync Timer |
| OSS name | enableLdpSyncTimer |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Forwarding Class Name

Table 3-5165 Forwarding Class Name

| Name | Value |
|----------------|--|
| Default | yes:none |
| Description | The forwarding class associated to the static route. |
| Displayed name | Forwarding Class Name |
| OSS name | fcName |
| Read-only | no |
| Tab Panel | General General |

Table 3-5165 Forwarding Class Name (continued)

| Name | Value |
|--------------------------|--------|
| Type | FcEnum |
| Enumerated types: | |
| af | |
| be | |
| ef | |
| h1 | |
| h2 | |
| l1 | |
| l2 | |
| nc | |
| none | |

Forwarding Class Priority**Table 3-5166 Forwarding Class Priority**

| Name | Value |
|----------------|---|
| Default | yes:undefined |
| Description | The Priority assigned to the static route |
| Displayed name | Forwarding Class Priority |
| OSS name | fcPriority |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Generate ICMP**Table 3-5167 Generate ICMP**

| Name | Value |
|-----------------------|---------------|
| Default | yes:false |
| Displayed name | Generate ICMP |
| Mandatory on creation | yes |
| OSS name | generateIcmp |
| Read-only | no |

Table 3-5167 Generate ICMP (continued)

| Name | Value |
|-------------|---------------------|
| Tab Panel | General Destination |
| Type | BOOL |

ID on the Node**Table 3-5168 ID on the Node**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The SNMP mib index id on the applicable nodes. |
| Displayed name | ID on the Node |
| OSS name | snmpId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

IGP Shortcut**Table 3-5169 IGP Shortcut**

| Name | Value |
|--------------------------|---|
| Default | yes:unused |
| Description | This attribute is deprecated for 7750/7450/7950 13.0 and above nodes. It has been replaced by indirectTunnelLdp and indirectTunnelRsvpTe. |
| Displayed name | IGP Shortcut |
| OSS name | igpShortcut |
| Read-only | no |
| Tab Panel | General IGP Shortcut |
| Type | IgpShortcut |
| Enumerated types: | |
| LDP | |
| RSVP-TE | |
| Unused | |

Interface
Table 3-5170 Interface

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Interface |
| Maximum | 252 |
| OSS name | interfaceName |
| Read-only | yes |
| Tab Panel | General Destination |
| Type | STRING |

Interval**Table 3-5171 Interval**

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | The interval, in seconds, between ICMP pings to the target CPE IP address. |
| Displayed name | Interval |
| Maximum | 255 |
| Minimum | 1 |
| OSS name | cpeInterval |
| Read-only | no |
| Tab Panel | General CPE Check |
| Type | INT |
| Units | seconds |

IP Address**Table 3-5172 IP Address**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0.0.0.0 |
| Displayed name | IP Address |
| Mandatory on creation | yes |
| OSS name | targetIpAddress |
| Read-only | no |

Table 3-5172 IP Address (continued)

| Name | Value |
|-------------|---------------------|
| Tab Panel | General Destination |
| Type | INETADDR |

IPSec Tunnel**Table 3-5173 IPSec Tunnel**

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | IPSec Tunnel |
| Maximum | 252 |
| OSS name | tunnelName |
| Read-only | yes |
| Tab Panel | General Destination |
| Type | STRING |

LDP**Table 3-5174 LDP**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This specifies if LDP Route Forwarding Equivalence Class (FEC) tunneling mechanism will be used to resolve next-hop for the static-route or not |
| Displayed name | LDP |
| OSS name | indirectTunnelLdp |
| Read-only | no |
| Tab Panel | General IGP Shortcut |
| Type | generic.TruthValue |

Log**Table 3-5175 Log**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-5175 Log (continued)

| Name | Value |
|----------------|---|
| Description | It specifies whether to enable the logging of transitions between active and in-active based on the CPE connectivity check. |
| Displayed name | Log |
| OSS name | cpeEnableLog |
| Read-only | no |
| Tab Panel | General CPE Check |
| Type | BOOL |

Metric**Table 3-5176 Metric**

| Name | Value |
|----------------|---------------|
| Default | yes:1 |
| Displayed name | Metric |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | metric |
| Read-only | no |
| Tab Panel | General Other |
| Type | INT |

Multicast Capable Peers**Table 3-5177 Multicast Capable Peers**

| Name | Value |
|-----------------------|-------------------------|
| Default | yes:false |
| Displayed name | Multicast Capable Peers |
| Mandatory on creation | yes |
| OSS name | multicastCapablePeers |
| Read-only | no |
| Tab Panel | General Destination |
| Type | BOOL |

Operational State
Table 3-5178 Operational State

| Name | Value |
|----------------|-------------------|
| Default | yes:inactive |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General Other |
| Type | INT |

Packet Size**Table 3-5179 Packet Size**

| Name | Value |
|----------------|---|
| Default | yes:56 |
| Description | specifies the padding size for the ICMP ping test packet. vRtrInetStaticRoutePaddingSize is valid if the value of vRtrInetStaticRouteCpeAddr is non-empty. This option only applies to IPv4 static routes." |
| Displayed name | Packet Size |
| Maximum | 16384 |
| Minimum | 0 |
| OSS name | paddingSize |
| Read-only | no |
| Tab Panel | General CPE Check |
| Type | INT |

Preference**Table 3-5180 Preference**

| Name | Value |
|----------------|------------|
| Default | yes:5 |
| Displayed name | Preference |
| Maximum | 255 |
| Minimum | 1 |
| OSS name | preference |

Table 3-5180 Preference (continued)

| Name | Value |
|-------------|---------------|
| Read-only | no |
| Tab Panel | General Other |
| Type | INT |

Prefix Length

Table 3-5181 Prefix Length

| Name | Value |
|-----------------------|---------------------|
| Default | yes:24 |
| Displayed name | Prefix Length |
| Mandatory on creation | yes |
| Maximum | 128 |
| Minimum | 0 |
| OSS name | prefixLength |
| Read-only | no |
| Tab Panel | General Destination |
| Type | INT |

Prefix List Flag

Table 3-5182 Prefix List Flag

| Name | Value |
|--------------------------|--|
| Default | yes:any |
| Description | Whether to match any, all or none of the entries in the prefix list. |
| Displayed name | Prefix List Flag |
| OSS name | prefixListFlag |
| Read-only | no |
| Tab Panel | General Prefix List |
| Type | PrefixListFlag |
| Enumerated types: | |
| All | |
| Any | |
| None | |

Prefix List Name

Table 3-5183 Prefix List Name

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | The Prefix List name for conditional routes. |
| Displayed name | Prefix List Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | prefixListName |
| Read-only | no |
| Tab Panel | General Prefix List |
| Type | STRING |

Redistribute

Table 3-5184 Redistribute

| Name | Value |
|-----------------------|--|
| Default | yes:false |
| Description | IP static route with redistribution (true/false) |
| Displayed name | Redistribute |
| Mandatory on creation | yes |
| OSS name | redistribute |
| Read-only | no |
| Tab Panel | General Other |
| Type | BOOL |

Resolution Status

Table 3-5185 Resolution Status

| Name | Value |
|----------------|--|
| Default | yes:disabled |
| Description | This specifies specifies the resolution status of this entry |
| Displayed name | Resolution Status |
| OSS name | indirectResStatus |
| Read-only | no |

Table 3-5185 Resolution Status (continued)

| Name | Value |
|-------------|----------------------|
| Tab Panel | General IGP Shortcut |
| Type | bgp.ResolveStatus |

Routing Instance ID**Table 3-5186 Routing Instance ID**

| Name | Value |
|----------------|---------------------|
| Default | yes:0 |
| Displayed name | Routing Instance ID |
| OSS name | routingInstance |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Routing Instance Name**Table 3-5187 Routing Instance Name**

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Routing Instance Name |
| Maximum | 252 |
| OSS name | routingInstanceName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

RSVP-TE**Table 3-5188 RSVP-TE**

| Name | Value |
|-------------|---|
| Default | yes:false |
| Description | This specifies if RSVP Traffic Engineering tunneling mechanism will be used to resolve next-hop for the static-route or not |

Table 3-5188 RSVP-TE (continued)

| Name | Value |
|----------------|----------------------|
| Displayed name | RSVP-TE |
| OSS name | indirectTunnelRsvpTe |
| Read-only | no |
| Tab Panel | General IGP Shortcut |
| Type | generic.TruthValue |

Site ID**Table 3-5189 Site ID**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Source Class Index**Table 3-5190 Source Class Index**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The value of source class specifies the source-class for this static route. The value of 0 means no source-class. |
| Displayed name | Source Class Index |
| Maximum | 255 |
| Minimum | 0 |
| OSS name | sourceClass |
| Read-only | no |
| Tab Panel | General Source/Destination Class Index |
| Type | INT |

Static Route ID**Table 3-5191 Static Route ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Static Route ID |
| Mandatory on creation | yes |
| Maximum | 2147483647 |
| Minimum | 1 |
| OSS name | id |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Tag**Table 3-5192 Tag**

| Name | Value |
|----------------|----------------|
| Default | yes:0 |
| Displayed name | Tag |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | staticRouteTag |
| Read-only | no |
| Tab Panel | General Other |
| Type | LONG |

Target IP Address**Table 3-5193 Target IP Address**

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | The IP address of the target CPE device. When this object is configured, ICMP pings will be sent to this target IP address to determine CPE connectivity and whether this static route should be active. |
| Displayed name | Target IP Address |

Table 3-5193 Target IP Address (continued)

| Name | Value |
|-------------|-------------------|
| OSS name | cpeAddress |
| Read-only | no |
| Tab Panel | General CPE Check |
| Type | INETADDR |

Type**Table 3-5194 Type**

| Name | Value |
|-----------------------|---------------------|
| Default | yes:nextHop |
| Displayed name | Type |
| Mandatory on creation | yes |
| OSS name | type |
| Read-only | no |
| Tab Panel | General Destination |
| Type | INT |

Validate Next Hop**Table 3-5195 Validate Next Hop**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The validate Next-hop specifies whether or not to track the state of the next-hop in the IPV4 ARP Cache or the IPv6 Neighbor Cache. When validateNextHop is set to 'true', the next-hop is checked for reachability in the IPV4 ARP Cache or the IPV6 Neighbor Cache. The object is only supported for directly connected next-hops. |
| Displayed name | Validate Next Hop |
| OSS name | validateNextHop |
| Read-only | no |
| Tab Panel | General Destination |
| Type | BOOL |

valueManager:destinationClassValueManager**Table 3-5196 valueManager:destinationClassValueManager**

| Name | Value |
|-------------|---|
| OSS name | valueManager:destinationClassValueManager |
| Read-only | no |
| Tab Panel | General Source/Destination Class Index |

valueManager:sourceClassValueManager**Table 3-5197 valueManager:sourceClassValueManager**

| Name | Value |
|-------------|--|
| OSS name | valueManager:sourceClassValueManager |
| Read-only | no |
| Tab Panel | General Source/Destination Class Index |

Zone Index**Table 3-5198 Zone Index**

| Name | Value |
|-----------------------|--------------------------------------|
| Default | yes: |
| Description | Meaningful only for ipv6z addresses. |
| Displayed name | Zone Index |
| Mandatory on creation | yes |
| Maximum | 252 |
| OSS name | targetIpAddressZoneIndexPointer |
| Read-only | no |
| Tab Panel | General Destination |
| Type | STRING |

Subscriber Site parameters

Customer ID

Table 3-5199 Customer ID

| Name | Value |
|----------------|------------------|
| Default | yes:1 |
| Displayed name | Customer ID |
| Maximum | 2147483647 |
| OSS name | subscriberId |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | LONG |

Customer Name

Table 3-5200 Customer Name

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 32 |
| OSS name | subscriberName |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | STRING |

Site ID

Table 3-5201 Site ID

| Name | Value |
|----------------|--------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Site |

Table 3-5201 Site ID (continued)

| Name | Value |
|------|--------|
| Type | STRING |

Site ID**Table 3-5202 Site ID**

| Name | Value |
|-----------------------|------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Mandatory on creation | yes |
| OSS name | subscriberSiteId |
| Read-only | no |
| Tab Panel | General General |
| Type | INETADDR |

Site Name**Table 3-5203 Site Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-5204 Site Name**

| Name | Value |
|----------------|-----------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |

Table 3-5204 Site Name (continued)

| Name | Value |
|-------------|--------------|
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Switch Name

Table 3-5205 Switch Name

| Name | Value |
|-----------------------|---|
| Default | yes: |
| Description | On 1830 PSS nodes, new cards like 11QPE24 supports E-LAN (VPLS) and later E-Line (VLL); other cards will follow. All of these cards support the SR-OS object model and behave similar to 7210 nodes. This object represents a customer object on a given a site and a given card. This attribute is a pointer to the card model object. |
| Displayed name | Switch Name |
| Mandatory on creation | yes |
| OSS name | ethernetSwitchCardPointer |
| Read-only | no |
| Tab Panel | General General |
| Type | POINTER |

Switch Fabric Processor parameters

Administrative State

Table 3-5206 Administrative State

| Name | Value |
|--------------------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General Equipment |
| Type | AdministrativeState |
| Enumerated types: | |

Table 3-5206 Administrative State (continued)

| Name | Value |
|----------------|-------|
| Diagnose | |
| Down | |
| Locked | |
| Maintenance | |
| Not Relevant | |
| Operate Switch | |
| Shutting Down | |
| Unknown | |
| Unlocked | |
| Up | |

Background Diagnostics Fault Reason**Table 3-5207 Background Diagnostics Fault Reason**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Displayed name | Background Diagnostics Fault Reason |
| OSS name | backgroundDiagnosticsFaultReason |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Background Diagnostics State**Table 3-5208 Background Diagnostics State**

| Name | Value |
|--------------------------|--------------------------------|
| Default | yes:unknown |
| Displayed name | Background Diagnostics State |
| OSS name | backgroundDiagnosticsState |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | BackgroundDiagnosticsStateType |
| Enumerated types: | |

Table 3-5208 Background Diagnostics State (continued)

| Name | Value |
|-------------------------|-------|
| Critical Fault Detected | |
| Fault Detected | |
| N/A | |
| Ok | |
| Unknown | |

CLEI Code**Table 3-5209 CLEI Code**

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General Equipment Location Codes |
| Type | STRING |

Firmware Revision Status**Table 3-5210 Firmware Revision Status**

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:notApplicable |
| Displayed name | Firmware Revision Status |
| OSS name | hwFirmwareRevisionStatus |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | HwFirmwareRevisionStatusTypes |
| Enumerated types: | |
| Acceptable | |
| Not Acceptable | |
| Not Applicable | |

Table 3-5210 Firmware Revision Status (continued)

| Name | Value |
|-----------------|-------|
| Upgrade Pending | |
| Upgrading | |

Hardware Class**Table 3-5211 Hardware Class**

| Name | Value |
|--------------------------|------------------------------|
| Default | no |
| Displayed name | Hardware Class |
| OSS name | hardwareClass |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | HardwareClassType |
| Enumerated types: | |
| External Alarm Input | |
| Fam | |
| N/A | |

Manufacture Date**Table 3-5212 Manufacture Date**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacture Date |
| Maximum | 252 |
| OSS name | manufactureDate |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturer**Table 3-5213 Manufacturer**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturer |
| Maximum | 252 |
| OSS name | manufacturer |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Assembly No**Table 3-5214 Manufacturing Assembly No**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Assembly No |
| OSS name | manufacturingAssemblyNo |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Deviations**Table 3-5215 Manufacturing Deviations**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Deviations |
| OSS name | manufacturingDeviations |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Variant
Table 3-5216 Manufacturing Variant

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Variant |
| OSS name | manufacturingVariant |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Operational State**Table 3-5217 Operational State**

| Name | Value |
|--------------------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | OperationalState |
| Enumerated types: | |
| Booting | |
| Degraded | |
| Diagnosing | |
| Disabled | |
| Down | |
| Downgrade | |
| Empty | |
| Enabled | |
| Failed | |
| In Service Downgrade | |
| In Service Upgrade | |
| Indeterminate | |
| Invalid Connection | |
| No Link | |

Table 3-5217 Operational State (continued)

| Name | Value |
|-----------------|-------|
| Not Present | |
| Not Relevant | |
| Provisioned | |
| Reserved | |
| Reset Pending | |
| Shutting Down | |
| Soft Reset | |
| Testing | |
| Transition | |
| Unknown | |
| Unprovisioned | |
| Unsupported SFF | |
| Up | |
| Upgrade | |

Part Number**Table 3-5218 Part Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Part Number |
| Maximum | 252 |
| OSS name | manufacturerBoardNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Serial Number**Table 3-5219 Serial Number**

| Name | Value |
|----------------|---------------|
| Default | yes: |
| Displayed name | Serial Number |

Table 3-5219 Serial Number (continued)

| Name | Value |
|-------------|------------------------------|
| Maximum | 252 |
| OSS name | serialNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Shelf ID**Table 3-5220 Shelf ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Shelf ID |
| OSS name | shelfId |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Site ID**Table 3-5221 Site ID**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site ID**Table 3-5222 Site ID**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-5223 Site Name**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site Name**Table 3-5224 Site Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Slot Number
Table 3-5225 Slot Number

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Slot Number |
| Mandatory on creation | yes |
| OSS name | slotId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Sync Alarm Profile parameters

Category**Table 3-5226 Category**

| Name | Value |
|--------------------------|----------------------|
| Description | The trap entity type |
| Displayed name | Category |
| Mandatory on creation | yes |
| OSS name | alarmEntityType |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapEntityType |
| Enumerated types: | |
| | 100GBE |
| | 10GBE |
| | 1GBE |
| | 40GBE |
| | ALL |
| | BITS |
| | CBR10G3 |
| | CBR2G5 |
| | CBRAR |

Table 3-5226 Category (continued)

| Name | Value |
|--------------|-------|
| COM | |
| CPDPR | |
| CPLMP | |
| CPNEIGHBOR | |
| CPRSVP | |
| DBLINK | |
| DDR | |
| E1 | |
| ENV | |
| EQPT | |
| FC100 | |
| FC10G | |
| FC16G | |
| FC200 | |
| FC400 | |
| FC800 | |
| FE | |
| GMRENODE | |
| LAG | |
| LINEREF | |
| LOG | |
| LOODU | |
| LSP | |
| MEP | |
| NETIF | |
| OC12/STM4 | |
| OC192/STM64 | |
| OC3/STM1 | |
| OC48/STM16 | |
| OC768/STM256 | |
| OCH | |
| ODU0 | |
| ODU0TCM | |

Table 3-5226 Category (continued)

| Name | Value |
|----------------|-------|
| ODU1 | |
| ODU1F | |
| ODU1FTCM | |
| ODU1ODU0 | |
| ODU1ODU0TCM | |
| ODU1PTF | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2EODU0 | |
| ODU2EODU0TCM | |
| ODU2EODU1 | |
| ODU2EODU1TCM | |
| ODU2EODUF | |
| ODU2EODUFTCM | |
| ODU2ETCM | |
| ODU2ODU0 | |
| ODU2ODU0TCM | |
| ODU2ODU1 | |
| ODU2ODU1TCM | |
| ODU2ODUF | |
| ODU2ODUFTCM | |
| ODU2TCM | |
| ODU3 | |
| ODU3E | |
| ODU3E2 | |
| ODU3E2ODU0 | |
| ODU3E2ODU0TCM | |
| ODU3E2ODU1 | |
| ODU3E2ODU1TCM | |
| ODU3E2ODU2 | |
| ODU3E2ODU2E | |
| ODU3E2ODU2ETCM | |

Table 3-5226 Category (continued)

| Name | Value |
|---------------|-------|
| ODU3E2ODU2TCM | |
| ODU3E2ODUF | |
| ODU3E2ODUFTCM | |
| ODU3E2TCM | |
| ODU3EODU0 | |
| ODU3EODU0TCM | |
| ODU3EODU1 | |
| ODU3EODU1TCM | |
| ODU3EODU2 | |
| ODU3EODU2E | |
| ODU3EODU2ETCM | |
| ODU3EODU2TCM | |
| ODU3EODUF | |
| ODU3EODUFTCM | |
| ODU3ETCM | |
| ODU3ODU0 | |
| ODU3ODU0TCM | |
| ODU3ODU1 | |
| ODU3ODU1TCM | |
| ODU3ODU2 | |
| ODU3ODU2E | |
| ODU3ODU2ETCM | |
| ODU3ODU2TCM | |
| ODU3ODUF | |
| ODU3ODUFTCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4ODU0 | |
| ODU4ODU0TCM | |
| ODU4ODU1 | |
| ODU4ODU1F | |
| ODU4ODU1FTCM | |
| ODU4ODU1TCM | |

Table 3-5226 Category (continued)

| Name | Value |
|---------------|-------|
| ODU4ODU2 | |
| ODU4ODU2E | |
| ODU4ODU2ETCM | |
| ODU4ODU2TCM | |
| ODU4ODU3 | |
| ODU4ODU3E | |
| ODU4ODU3E2 | |
| ODU4ODU3E2TCM | |
| ODU4ODU3ETCM | |
| ODU4ODU3TCM | |
| ODU4ODUF | |
| ODU4ODUFTCM | |
| ODU4TCM | |
| ODUF | |
| ODUFTCM | |
| OFA | |
| OMS | |
| OPTSG | |
| OTNFAC | |
| OTS | |
| OTU | |
| OTU0 | |
| OTU1 | |
| OTU1F | |
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E | |
| OTU3E2 | |
| OTU4 | |
| OTUODU0 | |
| OTUODU0TCM | |
| OTUODU1 | |

Table 3-5226 Category (continued)

| Name | Value |
|--------------|-------|
| OTUODU1F | |
| OTUODU1TCM | |
| OTUODU2 | |
| OTUODU2E | |
| OTUODU2ETCM | |
| OTUODU2TCM | |
| OTUODU3 | |
| OTUODU3E | |
| OTUODU3E2 | |
| OTUODU3E2TCM | |
| OTUODU3ETCM | |
| OTUODU3TCM | |
| OTUODU4 | |
| OTUODU4TCM | |
| OTUOODU1FTCM | |
| PLK | |
| PM | |
| PTPCLOCK | |
| PTPPORT | |
| RMD | |
| RMDCESCHNNEL | |
| RMDIF | |
| RMDIFMAU | |
| RMDMEP | |
| RMDNIM | |
| SCLOCK | |
| SDR | |
| SESSION | |
| SRERP | |
| SRMEP | |
| SROAMSACTL | |
| SRSAP | |
| SRSVC | |

Table 3-5226 Category (continued)

| Name | Value |
|--------|-------|
| SYNC | |
| TELINK | |
| TIMING | |
| TOD | |
| TRU | |
| VTS | |

Condition

Table 3-5227 Condition

| Name | Value |
|--------------------------|--------------------|
| Description | The trap condition |
| Displayed name | Condition |
| Mandatory on creation | yes |
| OSS name | alarmCondition |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCondition |
| Enumerated types: | |
| aesFipsFailure | |
| aisLM | |
| aisLmsAis | |
| aisPauAis | |
| aisTcm | |
| alienEgrLOS | |
| allChanMiss | |
| allChanMissOut | |
| almRSync | |
| almRSyncEnd | |
| ampDisabled | |
| ampEol | |
| ANNOUNCELOSS | |
| apeInProgress | |

Table 3-5227 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| APRFORCED | |
| aprInvalidTopo | |
| APRLIMITED | |
| aprLine | |
| aprNode | |
| aprOsc | |
| aprSwitch | |
| aprUnavail | |
| aprUnavailOsc | |
| apsB | |
| apsCm | |
| apsMm | |
| apsNoRed | |
| arcIND | |
| asonTopo | |
| auAisP | |
| auLopP | |
| authFail | |
| autoReset | |
| autoSwTimRef | |
| autoSwTimRefT4 | |
| autoSyncSw | |
| bISd | |
| backupUnavail | |
| backwardDefectIndicationEgress | |
| BADCLKFREQ | |
| baseline | |
| bdi | |
| bdiOdu | |
| bdiOduOut | |
| bdiTem | |
| binsRolled | |
| bitsAIS | |

Table 3-5227 Condition (continued)

| Name | Value |
|--------------------|-------|
| bitsLof | |
| bitsLos | |
| bitsMAN | |
| bkupCom | |
| boardEqpt | |
| brkTrip | |
| capBufr | |
| cardBoot | |
| CARDCLKOFFFREQ | |
| cardIdRcvd | |
| cardInBoot | |
| cardInit | |
| cardInitBcm | |
| cardInitFail | |
| cardInitNonBcm | |
| cardNotAllowed | |
| cardSanity | |
| cbr10G3RxLOS | |
| cbr10G3RxLSS | |
| ccActChg | |
| cfCapacityWarning | |
| cfmAisEvnt | |
| cfmDmTestComplete | |
| cfmFltEvnt | |
| cfmLbmTestComplete | |
| cfmLmTestComplete | |
| cfmLtmTestComplete | |
| cfmSlmTestComplete | |
| change | |
| channelViolation | |
| chkBkplane | |
| ckm | |
| clearAllTcas | |

Table 3-5227 Condition (continued)

| Name | Value |
|----------------|-------|
| colorViolation | |
| comm | |
| commDeg | |
| commDown | |
| configFail | |
| CONFIGMM | |
| contBus | |
| contCom | |
| contComm | |
| contEqpt | |
| contEqptSplit | |
| contr | |
| contrDup | |
| contrenDgr | |
| contrenFail | |
| contrOut | |
| cpuPerformance | |
| crdInit | |
| crTca | |
| csf | |
| csfGfp | |
| CSFGFPOUT | |
| csfOduEgr | |
| csfOduOut | |
| dataErr | |
| dataFlt | |
| dbErr | |
| dbFl | |
| dbFt | |
| dbFull | |
| dbInvalid | |
| dbMemTrf | |
| dbUnsync | |

Table 3-5227 Condition (continued)

| Name | Value |
|-----------------|-------|
| dcConfigFail | |
| deg | |
| degOtu | |
| degOut | |
| degTcm | |
| DELAYRESLOSS | |
| DISCOVERMOD | |
| dormantUser | |
| dwAis | |
| dwLof | |
| dwLom | |
| dwSd | |
| dwSf | |
| e1AisEgr | |
| e1AisL | |
| e1Lof | |
| e1LofEgr | |
| e1Los | |
| e1NoCrc4M | |
| e1NoCRC4MEgr | |
| e1Rai | |
| e1RaiEgr | |
| ebero | |
| egressSSF | |
| envInput1Active | |
| envInput2Active | |
| envInput3Active | |
| envInput4Active | |
| envInput5Active | |
| envInput6Active | |
| envInput7Active | |
| envInput8Active | |
| eptUploadErr | |

Table 3-5227 Condition (continued)

| Name | Value |
|-------------------|-------|
| eqpt | |
| eqptCrypto | |
| eqptDgr | |
| eqptDgrMon | |
| eqptDgrOch | |
| eqptDgrOchOut | |
| eqptDgrOut | |
| eqptPort | |
| erpFwdStateChng | |
| ESCABLEMISMATCH1 | |
| ESCABLEMISMATCH10 | |
| ESCABLEMISMATCH11 | |
| ESCABLEMISMATCH12 | |
| ESCABLEMISMATCH13 | |
| ESCABLEMISMATCH14 | |
| ESCABLEMISMATCH15 | |
| ESCABLEMISMATCH16 | |
| ESCABLEMISMATCH17 | |
| ESCABLEMISMATCH18 | |
| ESCABLEMISMATCH19 | |
| ESCABLEMISMATCH2 | |
| ESCABLEMISMATCH20 | |
| ESCABLEMISMATCH21 | |
| ESCABLEMISMATCH22 | |
| ESCABLEMISMATCH23 | |
| ESCABLEMISMATCH24 | |
| ESCABLEMISMATCH3 | |
| ESCABLEMISMATCH4 | |
| ESCABLEMISMATCH5 | |
| ESCABLEMISMATCH6 | |
| ESCABLEMISMATCH7 | |
| ESCABLEMISMATCH8 | |
| ESCABLEMISMATCH9 | |

Table 3-5227 Condition (continued)

| Name | Value |
|-------------------------|-------|
| escLatchFail | |
| esm | |
| ethCSF | |
| ethRingPathProvMismatch | |
| etrMismatch | |
| etrMismatchMod | |
| excessLoad | |
| excessLoss | |
| facServ | |
| facTerm | |
| facTermDev | |
| facTermDgr | |
| fan32HRqd | |
| fanSpeed | |
| fanSpeedHigh | |
| fanSpeedLow | |
| fanSpeedMan | |
| farEndLos | |
| faulty | |
| fdi | |
| fdiClt | |
| feAls | |
| feasibilityViolation | |
| fecEcSd | |
| fecFail | |
| fecUbcSd | |
| feFlt | |
| feLfi | |
| feLos | |
| feLss | |
| fePortMismatch | |
| fePrLf | |
| feRfi | |

Table 3-5227 Condition (continued)

| Name | Value |
|----------------|-------|
| fipsFailure | |
| fipsSwMismatch | |
| flt | |
| fpgaFail | |
| FPGAFAILNSA | |
| fpgaInit | |
| FPGAINIT1 | |
| FPGAINIT10 | |
| FPGAINIT2 | |
| FPGAINIT3 | |
| FPGAINIT4 | |
| FPGAINIT5 | |
| FPGAINIT6 | |
| FPGAINIT7 | |
| FPGAINIT8 | |
| FPGAINIT9 | |
| FPGAINITNSA1 | |
| FPGAINITNSA10 | |
| FPGAINITNSA2 | |
| FPGAINITNSA3 | |
| FPGAINITNSA4 | |
| FPGAINITNSA5 | |
| FPGAINITNSA6 | |
| FPGAINITNSA7 | |
| FPGAINITNSA8 | |
| FPGAINITNSA9 | |
| FPGAPRELOAD | |
| fpgaTimeout | |
| FPGATIMEOUTNSA | |
| frcdSwTimRef | |
| frcdSwTimRefT4 | |
| frcdWkSwBk | |
| frcdWkSwBkVTS1 | |

Table 3-5227 Condition (continued)

| Name | Value |
|---------------------|-------|
| frcdWkSwBkVTS10 | |
| frcdWkSwBkVTS2 | |
| frcdWkSwBkVTS3 | |
| frcdWkSwBkVTS4 | |
| frcdWkSwBkVTS5 | |
| frcdWkSwBkVTS6 | |
| frcdWkSwBkVTS7 | |
| frcdWkSwBkVTS8 | |
| frcdWkSwBkVTS9 | |
| frcdWkSwPr | |
| frcdWkSwPrVTS1 | |
| frcdWkSwPrVTS10 | |
| frcdWkSwPrVTS2 | |
| frcdWkSwPrVTS3 | |
| frcdWkSwPrVTS4 | |
| frcdWkSwPrVTS5 | |
| frcdWkSwPrVTS6 | |
| frcdWkSwPrVTS7 | |
| frcdWkSwPrVTS8 | |
| frcdWkSwPrVTS9 | |
| FRCRCKSEL | |
| frngSync | |
| FTD_ENCRYPT_15MIN | |
| FTD_ENCRYPT_1DAY | |
| FWMISMATCH | |
| fwPendingObsolete | |
| fwUpgradePending | |
| fwVersionNotDefault | |
| gfpLof | |
| GFPLOFOUT | |
| gfpSsf | |
| gfpUpm | |
| hdFail | |

Table 3-5227 Condition (continued)

| Name | Value |
|------------------------|-------|
| hdFull | |
| hiBer | |
| highGain | |
| hldOvrSync | |
| hpPlmP | |
| hpRdiP | |
| hpUneqP | |
| hwRevisionNotSupported | |
| igmpSnpgSrcLimitExceed | |
| imageNotReady | |
| incompatFan | |
| inhMsgPmRept | |
| init | |
| inMigration | |
| INSERTMOD | |
| int | |
| intErr | |
| intrusion | |
| intrusionEvt | |
| intSft | |
| intTemp | |
| intTempHigh | |
| intTempLow | |
| intTempOpt | |
| invalidEgress | |
| invalidThreshold | |
| invalidThresholdOms | |
| invalidThresholdOts | |
| invalidTopo | |
| inventoryError | |
| keyDomainErr | |
| lagDeg | |
| lagLos | |

Table 3-5227 Condition (continued)

| Name | Value |
|--------------------------|-------|
| LAGMEMBERPORTSTATECHANGE | |
| lagPortAddFailed | |
| LAGPORTADDSUCCESS | |
| LAGSTATECHANGE | |
| lagSubGrpSelect | |
| lanLfi | |
| lanLol | |
| lanLos | |
| lanRfi | |
| lanSf | |
| laserBackFacetOptPwrTca | |
| laserCoolingCurTca | |
| laserEOL | |
| laserOffLpbk | |
| lck | |
| lckOut | |
| lckTcm | |
| ledState | |
| lfd | |
| lfiEgr | |
| linkDiversity | |
| linkDown | |
| linkoamLoopDetected | |
| linkoamNonThresh | |
| linkoamPeerChng | |
| linkUp | |
| loam | |
| lockedIndicationEgress | |
| lockoutOfPr | |
| lockoutOfPrVTS1 | |
| lockoutOfPrVTS10 | |
| lockoutOfPrVTS2 | |
| lockoutOfPrVTS3 | |

Table 3-5227 Condition (continued)

| Name | Value |
|-------------------|-------|
| lockoutOfPrVTS4 | |
| lockoutOfPrVTS5 | |
| lockoutOfPrVTS6 | |
| lockoutOfPrVTS7 | |
| lockoutOfPrVTS8 | |
| lockoutOfPrVTS9 | |
| lockoutOfTimRef | |
| lockoutOfTimRefT4 | |
| lockoutToPr | |
| lof | |
| lofEgr | |
| lofLom | |
| lofLomOut | |
| lofO | |
| loGain | |
| logBuf90SecuLog | |
| logBufOvflSecuLog | |
| lol | |
| LOLA | |
| lopPauLop | |
| los | |
| losDcm | |
| losEdfa | |
| losLdSig | |
| losO | |
| losOamp | |
| losOcm | |
| losOms | |
| losOOut | |
| losOts | |
| losOut | |
| losP | |
| losPld | |

Table 3-5227 Condition (continued)

| Name | Value |
|-----------------|-------|
| lossOfLock | |
| lostClock | |
| lotOut | |
| lpbkLine | |
| lpbkTerm | |
| lspFailedApe | |
| lspFailedPre | |
| lspFailedTp | |
| lspFailedUnprot | |
| lspFailedXc | |
| lsrOutDgr | |
| lss | |
| lssEgr | |
| ltcTcm | |
| man | |
| manLR | |
| manReset | |
| manSwTimRef | |
| manSwTimRefT4 | |
| manSwToInt | |
| manSwToPri | |
| manSwToSec | |
| manWkSwBk | |
| manWkSwBkVTS1 | |
| manWkSwBkVTS10 | |
| manWkSwBkVTS2 | |
| manWkSwBkVTS3 | |
| manWkSwBkVTS4 | |
| manWkSwBkVTS5 | |
| manWkSwBkVTS6 | |
| manWkSwBkVTS7 | |
| manWkSwBkVTS8 | |
| manWkSwBkVTS9 | |

Table 3-5227 Condition (continued)

| Name | Value |
|-------------------|-------|
| manWkSwPr | |
| manWkSwPrVTS1 | |
| manWkSwPrVTS10 | |
| manWkSwPrVTS2 | |
| manWkSwPrVTS3 | |
| manWkSwPrVTS4 | |
| manWkSwPrVTS5 | |
| manWkSwPrVTS6 | |
| manWkSwPrVTS7 | |
| manWkSwPrVTS8 | |
| manWkSwPrVTS9 | |
| mepAIS | |
| mepError | |
| mepLoc | |
| mepMacError | |
| mepMmg | |
| mepRemote | |
| mepXcon | |
| mirrorDestDisable | |
| mirrorDestEnable | |
| mirrorSrcDisable | |
| mirrorSrcEnable | |
| mismatch | |
| mismatchFiber | |
| mismatchSfpXfp | |
| missing | |
| mixedPFUsed | |
| mjTca | |
| mnTca | |
| mod | |
| modOutOOR | |
| msim | |
| mtcesurv | |

Table 3-5227 Condition (continued)

| Name | Value |
|--------------------|-------|
| mtcesurvDgr | |
| neAls | |
| neFlt | |
| neModeMismatch | |
| net | |
| netCraft | |
| neUnreachable | |
| nkm | |
| nodeDeg | |
| notUsed1 | |
| notUsed2 | |
| notUsed3 | |
| notUsed4 | |
| ntpChkSig | |
| ntpClkAdj | |
| ntpLor | |
| ntpOoSync | |
| nunvComm | |
| nunvConfig | |
| nunvIndetermined | |
| nunvReversion | |
| nunvTpBlocked | |
| nunvTransmission | |
| nvMismatch | |
| oaPumpBiasCurrHigh | |
| oaPumpTempHigh | |
| objCreated | |
| objDeleted | |
| ochCollision | |
| ochCollisionOut | |
| ochFdi | |
| ochIntErr | |
| ochKeyDup | |

Table 3-5227 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| ochKeyOverlap | |
| ochKeysReused | |
| ochKeyUnavail | |
| ochMissing | |
| ochPdi | |
| ochPwrUnstable | |
| ochTrailDup | |
| ochTrailUnknown | |
| ochUnknown | |
| ochUnknownOut | |
| oci | |
| ociOut | |
| ociTcm | |
| ocsAuditFail | |
| ocsAuditSuccess | |
| ocsDataFlt | |
| ocsDataRtrv | |
| ocsUnavail | |
| ocsUplinkDeleted | |
| oduAis | |
| oduAisEgress | |
| oduAisOut | |
| omsSSF | |
| openConnectionIndicationEgress | |
| opr | |
| oprIngress | |
| oprLossHigh | |
| oprLossLow | |
| oprOOR | |
| oprOut | |
| oprPwrHigh | |
| oprPwrLow | |
| oprTx | |

Table 3-5227 Condition (continued)

| Name | Value |
|---------------------------|-------|
| oprUnachieve | |
| opticalParamErr | |
| OPTICALTEST | |
| optIntBase | |
| optIntDet | |
| optIntSusp | |
| oscSsf | |
| OSNRMESC | |
| ospfAdj | |
| OTDRSCANFAIL | |
| OTDRSCANSUCCESS | |
| otmcpf | |
| otuAis | |
| ovrld | |
| PACKETCARDINIT | |
| payloadTypeMismatchEgress | |
| pcsGeneratorActive | |
| pdi | |
| pdiPauPdi | |
| PGFPGAFAIL1 | |
| PGFPGAFAIL2 | |
| PGFPGAFAIL3 | |
| PGFPGAFAIL4 | |
| PGFPGAFAIL5 | |
| PGFPGAINIT1 | |
| PGFPGAINIT2 | |
| PGFPGAINIT3 | |
| PGFPGAINIT4 | |
| PGFPGAINIT5 | |
| plm | |
| plmOduOut | |
| plmPauPlm | |
| ppsLos | |

Table 3-5227 Condition (continued)

| Name | Value |
|-----------------|-------|
| prcdrErr | |
| prcdrErrOut | |
| prcdrErrTopo | |
| prcdrErrTopoOut | |
| PTPFREERUN | |
| PTPGMDEGRADE | |
| PTPGMSWITCH | |
| PTPPATHSWITCH | |
| PTPPORTSWITCH | |
| PTPREFLOSS | |
| PTPREFUNSTABLE | |
| pwr | |
| pwrAdjComms | |
| pwrAdjFail | |
| pwrAdjFailAdd | |
| pwrAdjFailDrp | |
| pwrAdjReq | |
| pwrAdjReqAdd | |
| pwrAdjReqDrp | |
| pwrAlmp | |
| pwrEdfaMargin | |
| pwrFan | |
| pwrMargin | |
| pwrMaxGain | |
| pwrMgtOff | |
| pwrSusp | |
| pwrSuspOut | |
| pwrTiltParams | |
| pwrTiltSusp | |
| pwrUnbalance | |
| pwrUnbalanceOms | |
| ramanSup | |
| rcvrOptProg | |

Table 3-5227 Condition (continued)

| Name | Value |
|----------------------|-------|
| rdi | |
| rdiL | |
| readyToRevert | |
| REMOVEMOD | |
| replUnitMiss | |
| replUnitMissMOD | |
| reRouted | |
| restorationDisabled | |
| rfi | |
| rfiEgr | |
| rfiLmsRfi | |
| rfiPauRfi | |
| rmdCesChannelLPL | |
| rmdCesChannelNoTdmPl | |
| rmdCesChannelRPL | |
| rmdDiscoveredDevice | |
| rmdDNR | |
| rmdEQF | |
| rmdIfEFMLOP | |
| rmdIfLOS | |
| rmdIfMauANM | |
| rmdIfMauEQF | |
| rmdIfMauLOS | |
| rmdIfMauUNI | |
| rmdIfMauWUP | |
| rmdJbRecentered | |
| rmdMepLOC | |
| rmdMepMMG | |
| rmdMepRDI | |
| rmdMepUNL | |
| rmdMepUNM | |
| rmdMepUNP | |
| rmdNDF | |

Table 3-5227 Condition (continued)

| Name | Value |
|---------------------------|-------|
| rmdNimLOF | |
| rmdPWR | |
| rmdTypeMismatch | |
| rmdUnknownEcid | |
| rmdWDP | |
| rmdWrongDestMac | |
| routeNotPossible | |
| sapOperDown | |
| sapStateChng | |
| sapTlsMacAddrLimitAlarm | |
| sd | |
| sdegO | |
| seepScrub | |
| serverSignalFailureEgress | |
| sf | |
| sfMismatch | |
| sfpEOL | |
| sfpReceiverPwrOOR | |
| sfpTempOOR | |
| sfpTrmtPwrOOR | |
| sft | |
| SHELFINCON | |
| shelfInVoltHigh | |
| shelfInVoltLow | |
| SHELFINVOLTMAXCUR | |
| signalDegradeEgress | |
| SLCBOOTCONTCOM | |
| SLCCARDINIT | |
| SLCCLKSYNC | |
| SLCCONTCOM | |
| SLCDATAFLT | |
| SLCEQPTBOOT | |
| SLCMISMATCH | |

Table 3-5227 Condition (continued)

| Name | Value |
|------------------------|-------|
| SLCNOTINSERVICE | |
| slcr | |
| sltmSig | |
| SPIREADERROR | |
| spLoAdjFail | |
| srgDiversity | |
| srTca | |
| ssf | |
| ssfClEgr | |
| ssfOdu | |
| ssfOduOut | |
| ssfOduTp | |
| ssfOtu | |
| SSFSECTION | |
| SSFSECTIONOUT | |
| ssfTcm | |
| subNodeUnreachable | |
| SUSPECTCLKFREQ | |
| svcOperDown | |
| svcStateChng | |
| svcTlsFwdTblFullAlarm | |
| svcTlsMfibTblFullAlarm | |
| swEqpt | |
| swftDwn | |
| swMtxMod | |
| swToSec | |
| swUpgCommit | |
| swUpgFail | |
| swUpgrade | |
| sync | |
| syncActRef | |
| syncClk | |
| syncClkFail | |

Table 3-5227 Condition (continued)

| Name | Value |
|-----------------------|-------|
| syncClkFrng | |
| syncClkHldovr | |
| syncClkMode | |
| syncClkUnit | |
| syncCommand | |
| syncEqpt | |
| syncIfTimingHoldover | |
| syncIfTimingRef1Alarm | |
| syncIfTimingRef2Alarm | |
| SYNCLOSS | |
| syncMode | |
| syncOos | |
| syncOosT4 | |
| syncRefFail | |
| syncRefUnEq | |
| syncStatChng | |
| syncSys | |
| syncSysOos | |
| syncT4Out | |
| sysBoot | |
| sysInit | |
| systemReady | |
| tBbeMs15Min | |
| tBbeMs1Day | |
| tBbeOdu15Min | |
| tBbeOdu15MinOut | |
| tBbeOdu1Day | |
| tBbeOdu1DayOut | |
| tBbeOtu15Min | |
| tBbeOtu1Day | |
| tBbeP15Min | |
| tBbeP1Day | |
| tBbePt15Min | |

Table 3-5227 Condition (continued)

| Name | Value |
|------------------|-------|
| tBbePt1Day | |
| tBbeRs15Min | |
| tBbeRs1Day | |
| tBbeRst15Min | |
| tBbeRst1Day | |
| tBbeTcm15Min | |
| tBbeTcm1Day | |
| tBerPostFec15min | |
| tBerPostFec1day | |
| tBerPreFec15min | |
| tBerPreFec1day | |
| tBiaesOtu15Min | |
| tBiaesOtu1Day | |
| tBiaesTcm15Min | |
| tBiaesTcm1Day | |
| tcmAis | |
| tCv15Min | |
| tCv1Day | |
| tCvPcs15Min | |
| tCvPcs1Day | |
| tCvPcst15Min | |
| tCvPcst1Day | |
| tCvs15Min | |
| tCvs1Day | |
| tCvst15Min | |
| tCvst1Day | |
| termOc192stm64 | |
| termOc312stm14 | |
| termOc48stm16 | |
| termOtu1 | |
| termOtu2 | |
| tEs15Min | |
| tEs1Day | |

Table 3-5227 Condition (continued)

| Name | Value |
|-----------------|-------|
| tEsL15Min | |
| tEsL1Day | |
| tEsMs15Min | |
| tEsMs1Day | |
| tEsOdu15Min | |
| tEsOdu15MinOut | |
| tEsOdu1Day | |
| tEsOdu1DayOut | |
| tEsOtu15Min | |
| tEsOtu1Day | |
| tEsP15Min | |
| tEsP1Day | |
| tEsPcs15Min | |
| tEsPcs1Day | |
| tEsPcst15Min | |
| tEsPcst1Day | |
| tEsPt15Min | |
| tEsPt1Day | |
| tEsRs15Min | |
| tEsRs1Day | |
| tEsRst15Min | |
| tEsRst1Day | |
| tEss15Min | |
| tEss1Day | |
| tEsst15Min | |
| tEsst1Day | |
| tEsTem15Min | |
| tEsTem1Day | |
| testMode | |
| tEthpkter15Min | |
| tEthpkter1Day | |
| tEthpktert15Min | |
| tEthpktert1Day | |

Table 3-5227 Condition (continued)

| Name | Value |
|-------------------|-------|
| tFebbeMs15Min | |
| tFebbeMs1Day | |
| tFebbeOdu15Min | |
| tFebbeOdu15MinOut | |
| tFebbeOdu1Day | |
| tFebbeOdu1DayOut | |
| tFebbeOtu15Min | |
| tFebbeOtu1Day | |
| tFebbeTcm15Min | |
| tFebbeTcm1Day | |
| tFecc15Min | |
| tFecc1Day | |
| tFecUbc15Min | |
| tFecUbc1Day | |
| tFecUbu15Min | |
| tFecUbu1Day | |
| tFeesMs15Min | |
| tFeesMs1Day | |
| tFeesOdu15Min | |
| tFeesOdu15MinOut | |
| tFeesOdu1Day | |
| tFeesOdu1DayOut | |
| tFeesOtu15Min | |
| tFeesOtu1Day | |
| tFeesTcm15Min | |
| tFeesTcm1Day | |
| tFesesMs15Min | |
| tFesesMs1Day | |
| tFesesOdu15Min | |
| tFesesOdu15MinOut | |
| tFesesOdu1Day | |
| tFesesOdu1DayOut | |
| tFesesOtu15Min | |

Table 3-5227 Condition (continued)

| Name | Value |
|-------------------|-------|
| tFesesOtu1Day | |
| tFesesTcm15Min | |
| tFesesTcm1Day | |
| tFeuasMs15Min | |
| tFeuasMs1Day | |
| tFeuasOdu15Min | |
| tFeUasOdu15MinOut | |
| tFeuasOdu1Day | |
| tFeUasOdu1DayOut | |
| tFeuasOtu15Min | |
| tFeuasOtu1Day | |
| tFeuasTcm15Min | |
| tFeuasTcm1Day | |
| tIaesOtu15Min | |
| tIaesOtu1Day | |
| tIaesTcm15Min | |
| tIaesTcm1Day | |
| tim | |
| timOdu | |
| timOduOut | |
| timTcm | |
| toDDEG | |
| toDLOS | |
| TODREFUNSTABLE | |
| tOprh15Min | |
| tOprh1Day | |
| tOprhLane1 | |
| tOprhLane10 | |
| tOprhLane2 | |
| tOprhLane3 | |
| tOprhLane4 | |
| tOprhLane5 | |
| tOprhLane6 | |

Table 3-5227 Condition (continued)

| Name | Value |
|-------------|-------|
| tOprhLane7 | |
| tOprhLane8 | |
| tOprhLane9 | |
| tOprl15Min | |
| tOprl1Day | |
| tOprlLane1 | |
| tOprlLane10 | |
| tOprlLane2 | |
| tOprlLane3 | |
| tOprlLane4 | |
| tOprlLane5 | |
| tOprlLane6 | |
| tOprlLane7 | |
| tOprlLane8 | |
| tOprlLane9 | |
| tOph15Min | |
| tOph1Day | |
| tOphLane1 | |
| tOphLane10 | |
| tOphLane2 | |
| tOphLane3 | |
| tOphLane4 | |
| tOphLane5 | |
| tOphLane6 | |
| tOphLane7 | |
| tOphLane8 | |
| tOphLane9 | |
| tOptl15Min | |
| tOptl1Day | |
| tOptlLane1 | |
| tOptlLane10 | |
| tOptlLane2 | |
| tOptlLane3 | |

Table 3-5227 Condition (continued)

| Name | Value |
|-------------------|-------|
| tOptiLane4 | |
| tOptiLane5 | |
| tOptiLane6 | |
| tOptiLane7 | |
| tOptiLane8 | |
| tOptiLane9 | |
| tPmonDmaBfd15Min | |
| tPmonDmaBfd1Day | |
| tPmonDmaffd15Min | |
| tPmonDmaffd1Day | |
| tPmonDmafFdv15Min | |
| tPmonDmafFdv1Day | |
| tPmonDmanfd15Min | |
| tPmonDmanfd1Day | |
| tPmonDmanFdv15Min | |
| tPmonDmanFdv1Day | |
| tPmonDmxBfd15Min | |
| tPmonDmxBfd1Day | |
| tPmonDmxffd15Min | |
| tPmonDmxffd1Day | |
| tPmonDmxFdv15Min | |
| tPmonDmxFdv1Day | |
| tPmonDmxnfd15Min | |
| tPmonDmxnfd1Day | |
| tPmonDmxnFdv15Min | |
| tPmonDmxnFdv1Day | |
| tPmonLmafflr15Min | |
| tPmonLmafflr1Day | |
| tPmonLmanflr15Min | |
| tPmonLmanflr1Day | |
| tPmonLmfhli15Min | |
| tPmonLmfhli1Day | |
| tPmonLmnhli15Min | |

Table 3-5227 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonLmnhli1Day | |
| tPmonLmxfflr15Min | |
| tPmonLmxfflr1Day | |
| tPmonLmxnflr15Min | |
| tPmonLmxnflr1Day | |
| tPmonPortHighCapacityOctets15Min | |
| tPmonPortHighCapacityOctets1Day | |
| tPmonPortHighCapacityPkts15Min | |
| tPmonPortHighCapacityPkts1Day | |
| tPmonPortIfInDiscards15Min | |
| tPmonPortIfInDiscards1Day | |
| tPmonPortIfInErrors15Min | |
| tPmonPortIfInErrors1Day | |
| tPmonPortIfInOctets15Min | |
| tPmonPortIfInOctets1Day | |
| tPmonPortIfInPackets | |
| tPmonPortIfInPackets15Min | |
| tPmonPortIfOutDiscards15Min | |
| tPmonPortIfOutDiscards1Day | |
| tPmonPortIfOutErrors15Min | |
| tPmonPortIfOutErrors1Day | |
| tPmonPortIfOutOctets15Min | |
| tPmonPortIfOutOctets1Day | |
| tPmonPortIfOutPackets15Min | |
| tPmonPortIfOutPackets1Day | |
| tPmonPortQueue1OctetsDropped15Min | |
| tPmonPortQueue1OctetsDropped1Day | |
| tPmonPortQueue1PktsDropped15Min | |
| tPmonPortQueue1PktsDropped1Day | |
| tPmonPortQueue2OctetsDropped15Min | |
| tPmonPortQueue2OctetsDropped1Day | |
| tPmonPortQueue2PktsDropped15Min | |
| tPmonPortQueue2PktsDropped1Day | |

Table 3-5227 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortQueue3OctetsDropped15Min | |
| tPmonPortQueue3OctetsDropped1Day | |
| tPmonPortQueue3PktsDropped15Min | |
| tPmonPortQueue3PktsDropped1Day | |
| tPmonPortQueue4OctetsDropped15Min | |
| tPmonPortQueue4OctetsDropped1Day | |
| tPmonPortQueue4PktsDropped15Min | |
| tPmonPortQueue4PktsDropped1Day | |
| tPmonPortQueue5OctetsDropped15Min | |
| tPmonPortQueue5OctetsDropped1Day | |
| tPmonPortQueue5PktsDropped15Min | |
| tPmonPortQueue5PktsDropped1Day | |
| tPmonPortQueue6OctetsDropped15Min | |
| tPmonPortQueue6OctetsDropped1Day | |
| tPmonPortQueue6PktsDropped15Min | |
| tPmonPortQueue6PktsDropped1Day | |
| tPmonPortQueue7OctetsDropped15Min | |
| tPmonPortQueue7OctetsDropped1Day | |
| tPmonPortQueue7PktsDropped15Min | |
| tPmonPortQueue7PktsDropped1Day | |
| tPmonPortQueue8OctetsDropped15Min | |
| tPmonPortQueue8OctetsDropped1Day | |
| tPmonPortQueue8PktsDropped15Min | |
| tPmonPortQueue8PktsDropped1Day | |
| tPmonSapIngressOctetsDropped15Min | |
| tPmonSapIngressOctetsDropped1Day | |
| tPmonSapIngressPktsDropped15Min | |
| tPmonSapIngressPktsDropped1Day | |
| tPmonSlmafflr15Min | |
| tPmonSlmafFlr1Day | |
| tPmonSlmafflrContinuous | |
| tPmonSlmanflr15Min | |
| tPmonSlmanFlr1Day | |

Table 3-5227 Condition (continued)

| Name | Value |
|------------------------------------|-------|
| tPmonSlmanflrContinuous | |
| tPmonSlmfhli15Min | |
| tPmonSlmfhli1Day | |
| tPmonSlmfhliContinuous | |
| tPmonSlmnhli15Min | |
| tPmonSlmnhli1Day | |
| tPmonSlmnhliContinuous | |
| tPmonSlmxfFlr1Day | |
| tPmonSlmxfflrContinuous | |
| tPmonSlmxnFlr1Day | |
| tPmonSlmxnflrContinuous | |
| tPostFec15Min | |
| tPostFec1Day | |
| tPreFec15Min | |
| tPreFec1Day | |
| trailTraceIdentifierMismatchEgress | |
| transferLogFL | |
| transferLogFT | |
| transferLogIP | |
| trmt | |
| trmtMOD | |
| TRUBRKROPEN | |
| tSefs15Min | |
| tSefs1Day | |
| tSefsPcs15Min | |
| tSefsPcs1Day | |
| tSefsPcst15Min | |
| tSefsPcst1Day | |
| tSefss15Min | |
| tSefss1Day | |
| tSefsst15Min | |
| tSefsst1Day | |
| tSes15Min | |

Table 3-5227 Condition (continued)

| Name | Value |
|-----------------|-------|
| tSes1Day | |
| tSesL15Min | |
| tSesL1Day | |
| tSesMs15Min | |
| tSesMs1Day | |
| tSesOdu15Min | |
| tSesOdu15MinOut | |
| tSesOdu1Day | |
| tSesOdu1DayOut | |
| tSesOtu15Min | |
| tSesOtu1Day | |
| tSesP15Min | |
| tSesP1Day | |
| tSesPcs15Min | |
| tSesPcs1Day | |
| tSesPest15Min | |
| tSesPest1Day | |
| tSesPt15Min | |
| tSesPt1Day | |
| tSesRs15Min | |
| tSesRs1Day | |
| tSesRst15Min | |
| tSesRst1Day | |
| tSess15Min | |
| tSess1Day | |
| tSesst15Min | |
| tSesst1Day | |
| tSesTcm15Min | |
| tSesTcm1Day | |
| tsMismatch | |
| tsMismatchOut | |
| tUasMs15Min | |
| tUasMs1Day | |

Table 3-5227 Condition (continued)

| Name | Value |
|-----------------|-------|
| tUasOdu15Min | |
| tUasOdu15MinOut | |
| tUasOdu1Day | |
| tUasOdu1DayOut | |
| tUasOtu15Min | |
| tUasOtu1Day | |
| tUasP15Min | |
| tUasP1Day | |
| tUasPt15Min | |
| tUasPt1Day | |
| tUasRs15Min | |
| tUasRs1Day | |
| tUasRst15Min | |
| tUasRst1Day | |
| tUasTcm15Min | |
| tUasTcm1Day | |
| unexWkSet | |
| unknown | |
| unknownNotif | |
| unknownSfpXfp | |
| unL | |
| unM | |
| unMOrUnP | |
| unP | |
| unPr | |
| upm | |
| uruOchLos | |
| uruOmsRx | |
| uruOmsTx | |
| uruOtsLos | |
| uruOtsRx | |
| uruOtsTx | |
| uruOtu | |

Table 3-5227 Condition (continued)

| Name | Value |
|------------------|-------|
| uruS | |
| usAis | |
| usAls | |
| userEqptMismatch | |
| usFlt | |
| usIdle | |
| usLos | |
| usOchCollision | |
| usSFEber | |
| vcgDown | |
| vcgLoa | |
| vcgMap | |
| vcgSsf | |
| vcMfi | |
| voltage | |
| voltageHigh | |
| voltageLow | |
| vtsConnCreation | |
| vtsFdi | |
| vtsFdi1 | |
| vtsFdi10 | |
| vtsFdi11 | |
| vtsFdi12 | |
| vtsFdi13 | |
| vtsFdi14 | |
| vtsFdi15 | |
| vtsFdi16 | |
| vtsFdi17 | |
| vtsFdi18 | |
| vtsFdi19 | |
| vtsFdi2 | |
| vtsFdi20 | |
| vtsFdi21 | |

Table 3-5227 Condition (continued)

| Name | Value |
|----------|-------|
| vtsFdi22 | |
| vtsFdi23 | |
| vtsFdi24 | |
| vtsFdi25 | |
| vtsFdi26 | |
| vtsFdi27 | |
| vtsFdi28 | |
| vtsFdi29 | |
| vtsFdi3 | |
| vtsFdi30 | |
| vtsFdi31 | |
| vtsFdi32 | |
| vtsFdi4 | |
| vtsFdi5 | |
| vtsFdi6 | |
| vtsFdi7 | |
| vtsFdi8 | |
| vtsFdi9 | |
| vtsOci | |
| vtsOci1 | |
| vtsOci10 | |
| vtsOci11 | |
| vtsOci12 | |
| vtsOci13 | |
| vtsOci14 | |
| vtsOci15 | |
| vtsOci16 | |
| vtsOci17 | |
| vtsOci18 | |
| vtsOci19 | |
| vtsOci2 | |
| vtsOci20 | |
| vtsOci21 | |

Table 3-5227 Condition (continued)

| Name | Value |
|-------------------|-------|
| vtsOci22 | |
| vtsOci23 | |
| vtsOci24 | |
| vtsOci25 | |
| vtsOci26 | |
| vtsOci27 | |
| vtsOci28 | |
| vtsOci29 | |
| vtsOci3 | |
| vtsOci30 | |
| vtsOci31 | |
| vtsOci32 | |
| vtsOci4 | |
| vtsOci5 | |
| vtsOci6 | |
| vtsOci7 | |
| vtsOci8 | |
| vtsOci9 | |
| warnTca | |
| wkSwBk | |
| wkSwPr | |
| wkSwPrVTS1 | |
| wkSwPrVTS10 | |
| wkSwPrVTS2 | |
| wkSwPrVTS3 | |
| wkSwPrVTS4 | |
| wkSwPrVTS5 | |
| wkSwPrVTS6 | |
| wkSwPrVTS7 | |
| wkSwPrVTS8 | |
| wkSwPrVTS9 | |
| wtocmaPoutRanOsnr | |
| wtr | |

Default Severity
Table 3-5228 Default Severity

| Name | Value |
|--------------------------|------------------|
| Description | Default severity |
| Displayed name | Default Severity |
| Mandatory on creation | yes |
| OSS name | defaultSeverity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

Direction**Table 3-5229 Direction**

| Name | Value |
|-----------------------|-----------------|
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Override Severity

Table 3-5230 Override Severity

| Name | Value |
|--------------------------|-------------------|
| Description | Override severity |
| Displayed name | Override Severity |
| OSS name | severity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

Target Power Offset parameters

Absolute Target Power

Table 3-5231 Absolute Target Power

| Name | Value |
|----------------|-----------------------|
| Default | yes:-99 |
| Description | Absolute Target Power |
| Displayed name | Absolute Target Power |
| Maximum | 11 |
| Minimum | -23 |

Table 3-5231 Absolute Target Power (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | absTargetPower |
| Read-only | no |
| Tab Panel | General General |
| Type | FLOAT |
| Units | dB |

Applicable?**Table 3-5232 Applicable?**

| Name | Value |
|--------------------------|-----------------|
| Description | Applicability |
| Displayed name | Applicable? |
| OSS name | applicable |
| Read-only | no |
| Tab Panel | General General |
| Type | Applicable |
| Enumerated types: | |
| NO | |
| YES | |

Direction**Table 3-5233 Direction**

| Name | Value |
|--------------------------|--|
| Description | The signal direction - Ingress (In) or Egress (Out). |
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General General |
| Type | Direction |
| Enumerated types: | |
| In | |

Table 3-5233 Direction (continued)

| Name | Value |
|------|-------|
| N/A | |
| Out | |

Frequency

Table 3-5234 Frequency

| Name | Value |
|--------------------------|------------------|
| Description | The ITU channel. |
| Displayed name | Frequency |
| Mandatory on creation | yes |
| OSS name | channel |
| Read-only | no |
| Tab Panel | General General |
| Type | ITUChannel |
| Enumerated types: | |
| | 1310 |
| | 1471 |
| | 1490 |
| | 1491 |
| | 1511 |
| | 1530 |
| | 1531 |
| | 1550 |
| | 1551 |
| | 1571 |
| | 1591 |
| | 1611 |
| | 1625 |
| | 850 |
| | 8650 |
| | 8655 |
| | 8660 |
| | 8665 |

Table 3-5234 Frequency (continued)

| Name | Value |
|------|-------|
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |

Table 3-5234 Frequency (continued)

| Name | Value |
|------|-------|
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |

Table 3-5234 Frequency (continued)

| Name | Value |
|------|-------|
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |

Table 3-5234 Frequency (continued)

| Name | Value |
|------|-------|
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |

Table 3-5234 Frequency (continued)

| Name | Value |
|------|-------|
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |

Table 3-5234 Frequency (continued)

| Name | Value |
|------|-------|
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

Offset in Use

Table 3-5235 Offset in Use

| Name | Value |
|----------------|---------------|
| Default | yes:0 |
| Description | Used Offset |
| Displayed name | Offset in Use |

Table 3-5235 Offset in Use (continued)

| Name | Value |
|-------------|-----------------|
| Maximum | 3 |
| Minimum | -3 |
| OSS name | offsetInUse |
| Read-only | no |
| Tab Panel | General General |
| Type | FLOAT |
| Units | dB |

System Calculated Offset**Table 3-5236 System Calculated Offset**

| Name | Value |
|----------------|--------------------------|
| Default | yes:0 |
| Description | System Calculated Offset |
| Displayed name | System Calculated Offset |
| Maximum | 3 |
| Minimum | -3 |
| OSS name | sysCalOffset |
| Read-only | no |
| Tab Panel | General General |
| Type | FLOAT |
| Units | dB |

User Offset**Table 3-5237 User Offset**

| Name | Value |
|----------------|-------------|
| Default | yes:-99 |
| Description | User Offset |
| Displayed name | User Offset |
| Maximum | 3 |
| Minimum | -99 |
| OSS name | userOffset |

Table 3-5237 User Offset (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | no |
| Tab Panel | General General |
| Type | FLOAT |
| Units | dB |

TCA Profile Assignment parameters

Clear Bins

Table 3-5238 Clear Bins

| Name | Value |
|--------------------------|---|
| Default | yes:1 |
| Description | This attribute is used to clear all the bins in an interval on a particular card and group. |
| Displayed name | Clear Bins |
| OSS name | clearBins |
| Read-only | no |
| Tab Panel | General General |
| Type | PerformCommand |
| Enumerated types: | |
| | Execute |
| | Execute with Force |
| | No Cmd |

Interval

Table 3-5239 Interval

| Name | Value |
|-----------------------|--------------------------|
| Default | yes:0 |
| Description | The collection interval. |
| Displayed name | Interval |
| Mandatory on creation | yes |
| OSS name | interval |
| Read-only | no |

Table 3-5239 Interval (continued)

| Name | Value |
|--------------------------|-----------------|
| Tab Panel | General General |
| Type | IntervalType |
| Enumerated types: | |
| 15 min Interval | |
| 24 hour Interval | |
| All | |
| Continuous | |
| Not Applicable | |

Number of Bins**Table 3-5240 Number of Bins**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The number of collection bins in the interval. |
| Displayed name | Number of Bins |
| Maximum | 33 |
| Minimum | 1 |
| OSS name | noOfBins |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Profile Type**Table 3-5241 Profile Type**

| Name | Value |
|-----------------------|-----------------------|
| Default | yes:0 |
| Description | The group identifier. |
| Displayed name | Profile Type |
| Mandatory on creation | yes |
| OSS name | groupId |
| Read-only | no |

Table 3-5241 Profile Type (continued)

| Name | Value |
|-------------|----------------------|
| Tab Panel | General General |
| Type | netca.TCAProfileType |

TCA Profile**Table 3-5242 TCA Profile**

| Name | Value |
|----------------|------------------------|
| Default | yes: |
| Description | TCA Profile. |
| Displayed name | TCA Profile |
| OSS name | tcaProfilePointer |
| Read-only | no |
| Tab Panel | General Select Profile |
| Type | POINTER |

Technology Type parameters**Bit Rate Description****Table 3-5243 Bit Rate Description**

| Name | Value |
|----------------|------------------------------|
| Description | Text description of BitRate. |
| Displayed name | Bit Rate Description |
| Maximum | 50 |
| Minimum | 0 |
| OSS name | bitRateText |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Bit Rate Key**Table 3-5244 Bit Rate Key**

| Name | Value |
|-----------------------|-----------------|
| Description | OTU Bit-Rate |
| Displayed name | Bit Rate Key |
| Mandatory on creation | yes |
| Maximum | 10000 |
| Minimum | 1 |
| OSS name | bitRate |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Encoding Description**Table 3-5245 Encoding Description**

| Name | Value |
|----------------|-------------------------------|
| Description | Text description of Encoding. |
| Displayed name | Encoding Description |
| Maximum | 50 |
| Minimum | 0 |
| OSS name | encodingText |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Encoding Key**Table 3-5246 Encoding Key**

| Name | Value |
|-----------------------|---------------------------|
| Description | Signal modulation format. |
| Displayed name | Encoding Key |
| Mandatory on creation | yes |
| Maximum | 10000 |
| Minimum | 1 |

Table 3-5246 Encoding Key (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | encoding |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

OSNR Calibration**Table 3-5247 OSNR Calibration**

| Name | Value |
|----------------|---|
| Description | OSNR correction in mB for different optical technology types. Configurable range: -5.0 to 5.0 dB. |
| Displayed name | OSNR Calibration |
| Maximum | 5 |
| Minimum | -5 |
| OSS name | osnrCalib |
| Read-only | no |
| Tab Panel | General General |
| Type | FLOAT |
| Units | dB |

WTOCM Calibration**Table 3-5248 WTOCM Calibration**

| Name | Value |
|----------------|--|
| Description | Optical power correction from nominal power level for WTOCM. Configurable range: -5.0 to 5.0 dB. |
| Displayed name | WTOCM Calibration |
| Maximum | 5 |
| Minimum | -5 |
| OSS name | wto cmCalib |
| Read-only | no |
| Tab Panel | General General |
| Type | FLOAT |
| Units | dB |

WTOCMA Calibration
Table 3-5249 WTOCMA Calibration

| Name | Value |
|----------------|---|
| Description | Optical power correction from nominal power level for WTOCMA. Configurable range: -5.0 to 5.0 dB. |
| Displayed name | WTOCMA Calibration |
| Maximum | 5 |
| Minimum | -5 |
| OSS name | wtocmaCalib |
| Read-only | no |
| Tab Panel | General General |
| Type | FLOAT |
| Units | dB |

Termination Point (PhysicalInterfaceCtp, netw) parameters

Encap Type**Table 3-5250 Encap Type**

| Name | Value |
|----------------|------------------------------|
| Default | yes:0 |
| Displayed name | Encap Type |
| OSS name | encapType |
| Read-only | yes |
| Tab Panel | Physical Termination General |
| Type | equipment.PortEncapType |

MTU**Table 3-5251 MTU**

| Name | Value |
|----------------|-------|
| Default | yes:0 |
| Displayed name | MTU |
| OSS name | mtu |
| Read-only | yes |

Table 3-5251 MTU (continued)

| Name | Value |
|-------------|------------------------------|
| Tab Panel | Physical Termination General |
| Type | INT |

Site ID**Table 3-5252 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-5253 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Terminating Port Displayed Name**Table 3-5254 Terminating Port Displayed Name**

| Name | Value |
|----------------|---------------------------------|
| Default | yes: |
| Displayed name | Terminating Port Displayed Name |

Table 3-5254 Terminating Port Displayed Name (continued)

| Name | Value |
|-------------|------------------------------|
| Maximum | 252 |
| OSS name | terminatingPortDisplayedName |
| Read-only | yes |
| Tab Panel | Physical Termination General |
| Type | STRING |

Terminating Port ID**Table 3-5255 Terminating Port ID**

| Name | Value |
|----------------|------------------------------|
| Default | yes:0 |
| Displayed name | Terminating Port ID |
| OSS name | terminatingPortId |
| Read-only | yes |
| Tab Panel | Physical Termination General |
| Type | LONG |

Underlying Equipment State**Table 3-5256 Underlying Equipment State**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes:indeterminate |
| Displayed name | Underlying Equipment State |
| OSS name | underlyingEquipmentState |
| Read-only | yes |
| Tab Panel | Physical Termination General |
| Type | equipment.CompositeEquipmentState |

Termination Point (TerminationPoint, optical) parameters

Access Port

Table 3-5257 Access Port

| Name | Value |
|----------------|--|
| Description | Pointer to the client port in case of a protected service. |
| Displayed name | Access Port |
| OSS name | clientPortPointer |
| Read-only | no |
| Tab Panel | General Optical Access Port Virtual Time Slot |
| Type | STRING |

Administrative State

Table 3-5258 Administrative State

| Name | Value |
|--------------------------|--|
| Default | yes:down |
| Description | The administrative state of the Termination Point. |
| Displayed name | Administrative State |
| Mandatory on creation | yes |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionAdminState |
| Enumerated types: | |
| Automatic In-Service | |
| Blocking | |
| Down | |
| Maintenance | |
| Partially Down | |
| Standby/Backup | |
| Unknown | |
| Up | |

Client VTS Number
Table 3-5259 Client VTS Number

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | 11dpe12 card configured in fullrate mode, used to set cpTs2 on client port |
| Displayed name | Client VTS Number |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | clientVtsNumber |
| Read-only | no |
| Tab Panel | General Optical Access Port Virtual Time Slot |
| Type | INT |

Egress VTS Number**Table 3-5260 Egress VTS Number**

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | Represents VTS channel in egress direction for working Line port and filled for 11dpe12/11dpe12e card configured in subrate/QinQ mode |
| Displayed name | Egress VTS Number |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | vtsLineEgress |
| Read-only | no |
| Tab Panel | General Optical Working Network Port Virtual Time Slot |
| Type | INT |

Egress VTS Number**Table 3-5261 Egress VTS Number**

| Name | Value |
|-------------|---|
| Default | yes:1 |
| Description | This Vts number is required only for 11dpe12 it is configured in subrate/QinQ mode and 11dpe12e cards |

Table 3-5261 Egress VTS Number (continued)

| Name | Value |
|----------------|---|
| Displayed name | Egress VTS Number |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | vtsNumberEgress |
| Read-only | no |
| Tab Panel | General Optical Access Port Virtual Time Slot |
| Type | INT |

Ingress VTS Number**Table 3-5262 Ingress VTS Number**

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | Represents VTS channel in ingress direction for working Line port and filled for 11dpe12/11dpe12e card configured in subrate/QinQ mode |
| Displayed name | Ingress VTS Number |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | vtsLineIngress |
| Read-only | no |
| Tab Panel | General Optical Working Network Port Virtual Time Slot |
| Type | INT |

Ingress VTS Number**Table 3-5263 Ingress VTS Number**

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | This Vts number is required only for 11dpe12 when it is configured in subrate/QinQ mode and 11dpe12e cards |
| Displayed name | Ingress VTS Number |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | vtsNumberIngress |

Table 3-5263 Ingress VTS Number (continued)

| Name | Value |
|-------------|---|
| Read-only | no |
| Tab Panel | General Optical Access Port Virtual Time Slot |
| Type | INT |

Line Port**Table 3-5264 Line Port**

| Name | Value |
|----------------|--|
| Description | Pointer to the working line port in case of a protected service. |
| Displayed name | Line Port |
| OSS name | linePortPointer |
| Read-only | no |
| Tab Panel | General Optical Working Network Port Virtual Time Slot |
| Type | POINTER |

Line Port**Table 3-5265 Line Port**

| Name | Value |
|----------------|---|
| Description | Pointer to the protection line port in case of a protected service. |
| Displayed name | Line Port |
| OSS name | protectionLinePortPointer |
| Read-only | no |
| Tab Panel | General Optical Protection Network Port Virtual Time Slot |
| Type | POINTER |

Line VTS Number**Table 3-5266 Line VTS Number**

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | 11dpe12 card configured in fullrate mode, used to choose vtsSource on line port |
| Displayed name | Line VTS Number |

Table 3-5266 Line VTS Number (continued)

| Name | Value |
|-------------|--|
| Maximum | 10 |
| Minimum | 1 |
| OSS name | lineVtsNumber |
| Read-only | no |
| Tab Panel | General Optical Working Network Port Virtual Time Slot |
| Type | INT |

Line VTS Number**Table 3-5267 Line VTS Number**

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | Represents the working line port and is filled only for 11dpe12/11dpe12e cards configured in subrate/QinQ mode |
| Displayed name | Line VTS Number |
| Maximum | 32 |
| Minimum | 1 |
| OSS name | vtLine |
| Read-only | no |
| Tab Panel | General Optical Working Network Port Virtual Time Slot |
| Type | INT |

Operational State**Table 3-5268 Operational State**

| Name | Value |
|----------------|---|
| Default | yes:down |
| Description | The operational state of the Termination Point. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionOperState |

Table 3-5268 Operational State (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

Optical Line Port ODUk Facility Object**Table 3-5269 Optical Line Port ODUk Facility Object**

| Name | Value |
|----------------|---|
| Description | Pointer to the working LoODUk CTP. |
| Displayed name | Optical Line Port ODUk Facility Object |
| OSS name | loOdukCtp |
| Read-only | no |
| Tab Panel | General Optical Line Port ODUk Facility |
| Type | POINTER |

Optical Protection Line Port ODUk Facility Object**Table 3-5270 Optical Protection Line Port ODUk Facility Object**

| Name | Value |
|----------------|---|
| Description | Pointer to the Protection LoODUk CTP. |
| Displayed name | Optical Protection Line Port ODUk Facility Object |
| OSS name | protectionLoOdukCtp |
| Read-only | no |
| Tab Panel | General Optical Line Port ODUk Facility |
| Type | POINTER |

Optsg**Table 3-5271 Optsg**

| Name | Value |
|----------------|---------------------------------|
| Description | Pointer to the OPTSG CTP. |
| Displayed name | Optsg |
| OSS name | optsgCtp |
| Read-only | no |
| Tab Panel | General OPTSG Termination Point |
| Type | POINTER |

Port Name**Table 3-5272 Port Name**

| Name | Value |
|----------------|---|
| Description | Used for Display in the service/trail components screen in SAM GUI. |
| Displayed name | Port Name |
| OSS name | portName |
| Read-only | no |
| Tab Panel | General Port |
| Type | STRING |

Protection Egress VTS Number**Table 3-5273 Protection Egress VTS Number**

| Name | Value |
|----------------|--|
| Default | yes:1 |
| Description | Represents VTS channel in egress direction for protection Line port and filled for 11dpe12/11dpe12e card configured in subrate/QinQ mode |
| Displayed name | Protection Egress VTS Number |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | vtsProtectionLineEgress |
| Read-only | no |
| Tab Panel | General Optical Protection Network Port Virtual Time Slot |
| Type | INT |

Protection Ingress VTS Number
Table 3-5274 Protection Ingress VTS Number

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | Represents VTS channel in ingress direction for protection Line port and filled for 11dpe12/11dpe12e card configured in subrate/QinQ mode |
| Displayed name | Protection Ingress VTS Number |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | vtsProtectionLineIngress |
| Read-only | no |
| Tab Panel | General Optical Protection Network Port Virtual Time Slot |
| Type | INT |

Termination Point**Table 3-5275 Termination Point**

| Name | Value |
|-----------------------|--|
| Description | Pointer to the Connection Termination Point (Ctp). |
| Displayed name | Termination Point |
| Mandatory on creation | yes |
| OSS name | ctpPointer |
| Read-only | no |
| Tab Panel | General Ctp |
| Type | POINTER |

Termination Point**Table 3-5276 Termination Point**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | Pointer to the termination point port. |
| Displayed name | Termination Point |
| Mandatory on creation | yes |
| OSS name | portPointer |

Table 3-5276 Termination Point (continued)

| Name | Value |
|-------------|--------------|
| Read-only | no |
| Tab Panel | General Port |
| Type | POINTER |

VTs Number**Table 3-5277 VTs Number**

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | This Vts number is required only for 11dpe12 when it is configured in subrate/QinQ mode and 11dpe12e cards. |
| Displayed name | VTs Number |
| Maximum | 10 |
| Minimum | 1 |
| OSS name | vtNumber |
| Read-only | no |
| Tab Panel | General Optical Access Port Virtual Time Slot |
| Type | INT |

Trail Site parameters**Account Session ID****Table 3-5278 Account Session ID**

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Account Session ID |
| OSS name | acctSessionId |
| Read-only | yes |
| Tab Panel | General Auto-Creation |
| Type | STRING |

Account Session ID (Control)
Table 3-5279 Account Session ID (Control)

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Account Session ID (Control) |
| OSS name | acctSessionIdCtrl |
| Read-only | yes |
| Tab Panel | General Auto-Creation |
| Type | STRING |

Administrative State**Table 3-5280 Administrative State**

| Name | Value |
|----------------|---|
| Default | yes:serviceUp |
| Description | The administrative state of the service site. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | netw.AdministrativeState |

Creation Mode**Table 3-5281 Creation Mode**

| Name | Value |
|-----------------------|--|
| Default | yes:manual |
| Description | Indicates the protocol or mechanism which created this site. |
| Displayed name | Creation Mode |
| Mandatory on creation | yes |
| OSS name | creationOrigin |
| Read-only | no |
| Tab Panel | General Auto-Creation |
| Type | svt.L2RouteOriginType |

Customer ID
Table 3-5282 Customer ID

| Name | Value |
|----------------|------------------|
| Default | yes:1 |
| Displayed name | Customer ID |
| OSS name | subscriberId |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | LONG |

Customer Name**Table 3-5283 Customer Name**

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 32 |
| OSS name | subscriberName |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | STRING |

Description**Table 3-5284 Description**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Dynamic Service Policy
Table 3-5285 Dynamic Service Policy

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Identifies the Dynamic Service Policy used to create this service. |
| Displayed name | Dynamic Service Policy |
| OSS name | dynamicServicePolicyPointer |
| Read-only | yes |
| Tab Panel | General Auto-Creation |
| Type | POINTER |

Monitor Access Interface Operational State**Table 3-5286 Monitor Access Interface Operational State**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Monitor Access Interface Operational State |
| OSS name | monitorAccessInterfaceOper |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Name**Table 3-5287 Name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the Name of the Service Site. It cannot be set to only spaces. Setting to "", "N/A", or "n/a" after creation, will clear Site Name from the node and SAM GUI will display "N/A". |
| Displayed name | Name |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |

Table 3-5287 Name (continued)

| Name | Value |
|------|--------|
| Type | STRING |

Number of SAPs**Table 3-5288 Number of SAPs**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The number of access interfaces directly connected to this site. |
| Displayed name | Number of SAPs |
| OSS name | numberOfAccessInterfaces |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Operational State**Table 3-5289 Operational State**

| Name | Value |
|----------------|--|
| Default | yes:unknown |
| Description | The operational status of this service site. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General General |
| Type | netw.OperationalState |

Service ID**Table 3-5290 Service ID**

| Name | Value |
|----------------|------------|
| Default | yes:0 |
| Displayed name | Service ID |
| OSS name | serviceId |

Table 3-5290 Service ID (continued)

| Name | Value |
|-------------|-----------------|
| Read-only | yes |
| Tab Panel | General Service |
| Type | LONG |

Service Name**Table 3-5291 Service Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Service Name |
| Maximum | 64 |
| OSS name | serviceName |
| Read-only | yes |
| Tab Panel | General Service |
| Type | STRING |

Site ID**Table 3-5292 Site ID**

| Name | Value |
|-----------------------|----------------------|
| Default | yes:0.0.0.0 |
| Displayed name | Site ID |
| Mandatory on creation | yes |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General Site Details |
| Type | INETADDR |

Site Name**Table 3-5293 Site Name**

| Name | Value |
|-------------|---------------------------------|
| Description | Indicates the Name of the Site. |

Table 3-5293 Site Name (continued)

| Name | Value |
|----------------|----------------------|
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General Site Details |
| Type | STRING |

Site Position

Table 3-5294 Site Position

| Name | Value |
|--------------------------|--|
| Default | yes:from |
| Description | Indicates if the site is at A end or Z end of the trail. |
| Displayed name | Site Position |
| OSS name | sitePosition |
| Read-only | no |
| Tab Panel | General Site Details |
| Type | SitePosition |
| Enumerated types: | |
| A End | |
| Add | |
| Broadcast | |
| Drop | |
| Drop and Continue | |
| Z End | |

State Cause

Table 3-5295 State Cause

| Name | Value |
|----------------|--|
| Description | Specifies all the conditions that affect the operating status of this service. |
| Displayed name | State Cause |
| OSS name | operationalFlags |
| Read-only | yes |

Table 3-5295 State Cause (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | SiteOperFlags |

SVC Mgr Service ID**Table 3-5296 SVC Mgr Service ID**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | SVC Mgr Service ID |
| OSS name | svcComponentId |
| Read-only | yes |
| Tab Panel | General Service |
| Type | LONG |

Switch Name**Table 3-5297 Switch Name**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | On 1830 PSS nodes, new cards like 11QPE24 supports E-LAN (VPLS) and later E-Line (VLL); other cards will follow. All of these cards support the SR-OS object model and behave similar to 7210 nodes. This object represents a service object on a given a site and card. This attribute is a pointer to the card model object. |
| Displayed name | Switch Name |
| Mandatory on creation | yes |
| OSS name | ethernetSwitchCardPointer |
| Read-only | no |
| Tab Panel | General Network Element |
| Type | POINTER |

System ID
Table 3-5298 System ID

| Name | Value |
|-----------------------|-------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | System ID |
| Mandatory on creation | yes |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General Network Element |
| Type | INETADDR |

Trail ID**Table 3-5299 Trail ID**

| Name | Value |
|----------------|---------------|
| Default | yes:0 |
| Displayed name | Trail ID |
| OSS name | serviceId |
| Read-only | yes |
| Tab Panel | General Trail |
| Type | LONG |

Trail Name**Table 3-5300 Trail Name**

| Name | Value |
|----------------|---------------|
| Default | yes: |
| Displayed name | Trail Name |
| Maximum | 64 |
| OSS name | serviceName |
| Read-only | yes |
| Tab Panel | General Trail |
| Type | STRING |

Trail Termination Point parameters

Administrative State

Table 3-5301 Administrative State

| Name | Value |
|--------------------------|--|
| Default | yes:down |
| Description | The administrative state of the Termination Point. |
| Displayed name | Administrative State |
| Mandatory on creation | yes |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionAdminState |
| Enumerated types: | |
| Automatic In-Service | |
| Blocking | |
| Down | |
| Maintenance | |
| Partially Down | |
| Standby/Backup | |
| Unknown | |
| Up | |

Operational State

Table 3-5302 Operational State

| Name | Value |
|--------------------------|---|
| Default | yes:down |
| Description | The operational state of the Termination Point. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionOperState |
| Enumerated types: | |

Table 3-5302 Operational State (continued)

| Name | Value |
|----------------|-------|
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

Port Name**Table 3-5303 Port Name**

| Name | Value |
|----------------|---|
| Description | Used for Display in the service/trail components screen in SAM GUI. |
| Displayed name | Port Name |
| OSS name | portName |
| Read-only | no |
| Tab Panel | General Port |
| Type | STRING |

Termination Point**Table 3-5304 Termination Point**

| Name | Value |
|-----------------------|--|
| Description | Pointer to the Connection Termination Point (Ctp). |
| Displayed name | Termination Point |
| Mandatory on creation | yes |
| OSS name | ctpPointer |
| Read-only | no |
| Tab Panel | General Ctp |
| Type | POINTER |

Termination Point
Table 3-5305 Termination Point

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | Pointer to the termination point port. |
| Displayed name | Termination Point |
| Mandatory on creation | yes |
| OSS name | portPointer |
| Read-only | no |
| Tab Panel | General Port |
| Type | POINTER |

TSoP (Tsop, rmd) parameters

Destination MAC Check
Table 3-5306 Destination MAC Check

| Name | Value |
|----------------|-----------------------|
| Default | yes:false |
| Displayed name | Destination MAC Check |
| OSS name | destMacCheck |
| Read-only | yes |
| Tab Panel | General General |
| Type | generic.TruthValue |

Loopback Type
Table 3-5307 Loopback Type

| Name | Value |
|----------------|-----------------|
| Default | yes:none |
| Displayed name | Loopback Type |
| OSS name | loopback |
| Read-only | no |
| Tab Panel | General General |

Table 3-5307 Loopback Type (continued)

| Name | Value |
|--------------------------|--------------|
| Type | LoopbackType |
| Enumerated types: | |
| Facility Non-Transparent | |
| Facility Transparent | |
| None | |
| Terminal Non-Transparent | |
| Terminal Transparent | |

Max Channels**Table 3-5308 Max Channels**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Max Channels |
| OSS name | maxChannels |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

Max Jitter Buffer Size**Table 3-5309 Max Jitter Buffer Size**

| Name | Value |
|----------------|------------------------|
| Default | yes:0 |
| Displayed name | Max Jitter Buffer Size |
| OSS name | maxJitterBufSize |
| Read-only | yes |
| Tab Panel | General General |
| Type | INT |

TSoP (TsopChannel, rmd) parameters

Clear Threshold

Table 3-5310 Clear Threshold

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Clear Threshold |
| OSS name | clrThreshold |
| Read-only | yes |
| Tab Panel | General Decapsulation Attributes |
| Type | INT |

Destination MAC Address

Table 3-5311 Destination MAC Address

| Name | Value |
|----------------|-------------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Destination MAC Address |
| OSS name | destMacAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | MACADDR |

Encap EC ID

Table 3-5312 Encap EC ID

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Encap EC ID |
| Maximum | 4094 |
| Minimum | 0 |
| OSS name | encapEcId |
| Read-only | no |
| Tab Panel | General Encapsulation Attributes |
| Type | INT |

Encap RTP Header

Table 3-5313 Encap RTP Header

| Name | Value |
|----------------|----------------------------------|
| Default | yes:false |
| Displayed name | Encap RTP Header |
| OSS name | encapRtpHeader |
| Read-only | yes |
| Tab Panel | General Encapsulation Attributes |
| Type | generic.TruthValue |

Encap RTP Payload Type

Table 3-5314 Encap RTP Payload Type

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Encap RTP Payload Type |
| OSS name | encapRtpPayloadType |
| Read-only | yes |
| Tab Panel | General Encapsulation Attributes |
| Type | INT |

Encap RTP SSRC

Table 3-5315 Encap RTP SSRC

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Encap RTP SSRC |
| OSS name | encapRtpSsrc |
| Read-only | yes |
| Tab Panel | General Encapsulation Attributes |
| Type | INT |

Encapsulation Enabled
Table 3-5316 Encapsulation Enabled

| Name | Value |
|----------------|----------------------------------|
| Default | yes:false |
| Displayed name | Encapsulation Enabled |
| OSS name | encapEnabled |
| Read-only | no |
| Tab Panel | General Encapsulation Attributes |
| Type | generic.TruthValue |

Expected EC ID**Table 3-5317 Expected EC ID**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Expected EC ID |
| Maximum | 4094 |
| Minimum | 0 |
| OSS name | exptEcId |
| Read-only | no |
| Tab Panel | General Decapsulation Attributes |
| Type | INT |

Expected RTP Header**Table 3-5318 Expected RTP Header**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:false |
| Displayed name | Expected RTP Header |
| OSS name | exptRtpHeader |
| Read-only | yes |
| Tab Panel | General Decapsulation Attributes |
| Type | generic.TruthValue |

Expected RTP Payload Type**Table 3-5319 Expected RTP Payload Type**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Expected RTP Payload Type |
| OSS name | exptRtpPldType |
| Read-only | yes |
| Tab Panel | General Decapsulation Attributes |
| Type | INT |

Expected RTP SSRC**Table 3-5320 Expected RTP SSRC**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Expected RTP SSRC |
| OSS name | exptRtpSsrc |
| Read-only | yes |
| Tab Panel | General Decapsulation Attributes |
| Type | INT |

Force G-AIS**Table 3-5321 Force G-AIS**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:false |
| Displayed name | Force G-AIS |
| OSS name | forceDecapGais |
| Read-only | yes |
| Tab Panel | General Decapsulation Attributes |
| Type | generic.TruthValue |

G-AIS**Table 3-5322 G-AIS**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:false |
| Displayed name | G-AIS |
| OSS name | decapGais |
| Read-only | yes |
| Tab Panel | General Decapsulation Attributes |
| Type | generic.TruthValue |

G-AIS Encap Status**Table 3-5323 G-AIS Encap Status**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:false |
| Displayed name | G-AIS Encap Status |
| OSS name | encapGaisStatus |
| Read-only | yes |
| Tab Panel | General Encapsulation Attributes |
| Type | generic.TruthValue |

G-AIS Status**Table 3-5324 G-AIS Status**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:false |
| Displayed name | G-AIS Status |
| OSS name | decapGaisStatus |
| Read-only | yes |
| Tab Panel | General Decapsulation Attributes |
| Type | generic.TruthValue |

High Threshold

Table 3-5325 High Threshold

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | High Threshold |
| OSS name | highThreshold |
| Read-only | yes |
| Tab Panel | General Jitter Buffer Attributes |
| Type | INT |

Include Invalid LM Bits

Table 3-5326 Include Invalid LM Bits

| Name | Value |
|----------------|----------------------------------|
| Default | yes:false |
| Displayed name | Include Invalid LM Bits |
| OSS name | incInvLmBits |
| Read-only | yes |
| Tab Panel | General Decapsulation Attributes |
| Type | generic.TruthValue |

Include LOF

Table 3-5327 Include LOF

| Name | Value |
|----------------|----------------------------------|
| Default | yes:false |
| Displayed name | Include LOF |
| OSS name | includeLof |
| Read-only | yes |
| Tab Panel | General Encapsulation Attributes |
| Type | generic.TruthValue |

Include LOS**Table 3-5328 Include LOS**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:false |
| Displayed name | Include LOS |
| OSS name | includeLos |
| Read-only | yes |
| Tab Panel | General Encapsulation Attributes |
| Type | generic.TruthValue |

Include Malformed**Table 3-5329 Include Malformed**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:false |
| Displayed name | Include Malformed |
| OSS name | incMalformed |
| Read-only | yes |
| Tab Panel | General Decapsulation Attributes |
| Type | generic.TruthValue |

Include Stray**Table 3-5330 Include Stray**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:false |
| Displayed name | Include Stray |
| OSS name | icldStray |
| Read-only | yes |
| Tab Panel | General Decapsulation Attributes |
| Type | generic.TruthValue |

IWF Channel Number**Table 3-5331 IWF Channel Number**

| Name | Value |
|-----------------------|--------------------|
| Default | yes:1 |
| Displayed name | IWF Channel Number |
| Mandatory on creation | yes |
| OSS name | iwfChannelNumber |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Last Unknown EC ID**Table 3-5332 Last Unknown EC ID**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Last Unknown EC ID |
| OSS name | lastUnkwnEcId |
| Read-only | yes |
| Tab Panel | General Decapsulation Attributes |
| Type | INT |

Low Threshold**Table 3-5333 Low Threshold**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Low Threshold |
| OSS name | lowThreshold |
| Read-only | yes |
| Tab Panel | General Jitter Buffer Attributes |
| Type | INT |

Max Fill Level**Table 3-5334 Max Fill Level**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Max Fill Level |
| OSS name | maxFillLevel |
| Read-only | yes |
| Tab Panel | General Jitter Buffer Attributes |
| Type | INT |

Min Fill Level**Table 3-5335 Min Fill Level**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Min Fill Level |
| OSS name | minFillLevel |
| Read-only | yes |
| Tab Panel | General Jitter Buffer Attributes |
| Type | INT |

Raise Threshold**Table 3-5336 Raise Threshold**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Raise Threshold |
| OSS name | raiseThreshold |
| Read-only | yes |
| Tab Panel | General Decapsulation Attributes |
| Type | INT |

Rate**Table 3-5337 Rate**

| Name | Value |
|----------------|---|
| Description | OC3/STM1 when device type = TSoP-OC3 OC12/STM4 when device type = TSoP-OC12 |
| Displayed name | Rate |
| OSS name | rate |
| Read-only | yes |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Recenter Increment**Table 3-5338 Recenter Increment**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Recenter Increment |
| OSS name | recIncrement |
| Read-only | yes |
| Tab Panel | General Jitter Buffer Attributes |
| Type | INT |

Recenter Position**Table 3-5339 Recenter Position**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Recenter Position |
| OSS name | recPosition |
| Read-only | yes |
| Tab Panel | General Jitter Buffer Attributes |
| Type | INT |

Recenter Threshold

Table 3-5340 Recenter Threshold

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Recenter Threshold |
| OSS name | recThreshold |
| Read-only | yes |
| Tab Panel | General Jitter Buffer Attributes |
| Type | INT |

RTP Clock Source

Table 3-5341 RTP Clock Source

| Name | Value |
|--------------------------|----------------------------------|
| Displayed name | RTP Clock Source |
| OSS name | decapRtpClkSource |
| Read-only | yes |
| Tab Panel | General Decapsulation Attributes |
| Type | RtpClockSource |
| Enumerated types: | |
| RTP Clock Ethernet | |
| RTP Clock TDM | |

RTP Clock Source

Table 3-5342 RTP Clock Source

| Name | Value |
|--------------------------|----------------------------------|
| Displayed name | RTP Clock Source |
| OSS name | encapRtpClkSource |
| Read-only | yes |
| Tab Panel | General Encapsulation Attributes |
| Type | RtpClockSource |
| Enumerated types: | |
| RTP Clock Ethernet | |
| RTP Clock TDM | |

RTP Frequency
Table 3-5343 RTP Frequency

| Name | Value |
|--------------------------|----------------------------------|
| Displayed name | RTP Frequency |
| OSS name | decapRtpFreq |
| Read-only | yes |
| Tab Panel | General Decapsulation Attributes |
| Type | RtpFrequency |
| Enumerated types: | |
| | 19MHz |
| | 25MHz |

RTP Frequency**Table 3-5344 RTP Frequency**

| Name | Value |
|--------------------------|----------------------------------|
| Displayed name | RTP Frequency |
| OSS name | encapRtpFreq |
| Read-only | yes |
| Tab Panel | General Encapsulation Attributes |
| Type | RtpFrequency |
| Enumerated types: | |
| | 19MHz |
| | 25MHz |

RTP Payload Type Mismatch Detect**Table 3-5345 RTP Payload Type Mismatch Detect**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:false |
| Displayed name | RTP Payload Type Mismatch Detect |
| OSS name | rtpPldTypeMismDeted |
| Read-only | yes |
| Tab Panel | General Decapsulation Attributes |
| Type | generic.TruthValue |

Shift Value
Table 3-5346 Shift Value

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Shift Value |
| OSS name | shiftValue |
| Read-only | yes |
| Tab Panel | General Jitter Buffer Attributes |
| Type | INT |

Timing Mode**Table 3-5347 Timing Mode**

| Name | Value |
|--------------------------|----------------------------------|
| Displayed name | Timing Mode |
| OSS name | timingMode |
| Read-only | yes |
| Tab Panel | General Decapsulation Attributes |
| Type | IwfTimingMode |
| Enumerated types: | |
| Differential | |
| Loop Timing | |
| Not Applicable | |
| ReTiming | |

Unexpected Wave Keys parameters

Direction

Table 3-5348 Direction

| Name | Value |
|--------------------------|-----------------------|
| Description | The signal direction. |
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General General |
| Type | Direction |
| Enumerated types: | |
| In | |
| N/A | |
| Out | |

Frequency

Table 3-5349 Frequency

| Name | Value |
|--------------------------|------------------|
| Description | The ITU channel. |
| Displayed name | Frequency |
| Mandatory on creation | yes |
| OSS name | channel |
| Read-only | no |
| Tab Panel | General General |
| Type | ITUChannel |
| Enumerated types: | |
| 1310 | |
| 1471 | |
| 1490 | |
| 1491 | |
| 1511 | |
| 1530 | |

Table 3-5349 Frequency (continued)

| Name | Value |
|------|-------|
| 1531 | |
| 1550 | |
| 1551 | |
| 1571 | |
| 1591 | |
| 1611 | |
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |

Table 3-5349 Frequency (continued)

| Name | Value |
|------|-------|
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |

Table 3-5349 Frequency (continued)

| Name | Value |
|------|-------|
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |

Table 3-5349 Frequency (continued)

| Name | Value |
|------|-------|
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |

Table 3-5349 Frequency (continued)

| Name | Value |
|------|-------|
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |

Table 3-5349 Frequency (continued)

| Name | Value |
|------|-------|
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |

Table 3-5349 Frequency (continued)

| Name | Value |
|------|-------|
| 9600 | |
| 9605 | |
| BW | |
| None | |

Measured Power**Table 3-5350 Measured Power**

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The power, expressed in units of mBm, associated with the unexpected Wave Key. |
| Displayed name | Measured Power |
| OSS name | uwtKeyPower |
| Read-only | no |
| Tab Panel | General General |
| Type | FLOAT |
| Units | dBm |

Wave Key**Table 3-5351 Wave Key**

| Name | Value |
|----------------|---------------------------------|
| Description | One of many possible Wave Keys. |
| Displayed name | Wave Key |
| OSS name | uwtKey |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Virtual OCH Cross Connect parameters

A-Z Rekey

Table 3-5352 A-Z Rekey

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Setting rekeyAZ to true allows the user to request a rekey in the A-Z direction. |
| Displayed name | A-Z Rekey |
| OSS name | rekeyAZ |
| Read-only | no |
| Tab Panel | General ReKey |
| Type | BOOL |

Administrative State

Table 3-5353 Administrative State

| Name | Value |
|--------------------------|---|
| Default | yes:up |
| Description | The administrative state of the connection. |
| Displayed name | Administrative State |
| Mandatory on creation | yes |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionAdminState |
| Enumerated types: | |
| Automatic In-Service | |
| Blocking | |
| Down | |
| Maintenance | |
| Partially Down | |
| Standby/Backup | |
| Unknown | |
| Up | |

Bidirectional**Table 3-5354 Bidirectional**

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Bit Rate / Encoding AZ**Table 3-5355 Bit Rate / Encoding AZ**

| Name | Value |
|----------------|---|
| Description | Pointer to a user provisioned system-wide technology type (Bit-Rate + Encoding) in the AZ direction |
| Displayed name | Bit Rate / Encoding AZ |
| OSS name | technologyTypeAZ |
| Read-only | no |
| Tab Panel | General User Technology AZ |
| Type | POINTER |

Bit Rate / Encoding ZA**Table 3-5356 Bit Rate / Encoding ZA**

| Name | Value |
|----------------|---|
| Description | Pointer to a user provisioned system-wide technology type (Bit-Rate + Encoding) in the ZA direction |
| Displayed name | Bit Rate / Encoding ZA |
| OSS name | technologyTypeZA |
| Read-only | no |
| Tab Panel | General User Technology ZA |
| Type | POINTER |

Bit Rate AZ**Table 3-5357 Bit Rate AZ**

| Name | Value |
|----------------|-----------------------------------|
| Description | Received Bit Rate AZ description. |
| Displayed name | Bit Rate AZ |
| OSS name | bitRateTextAZ |
| Read-only | no |
| Tab Panel | General Received Technology |
| Type | STRING |

Bit Rate ZA**Table 3-5358 Bit Rate ZA**

| Name | Value |
|----------------|-----------------------------------|
| Description | Received Bit Rate ZA description. |
| Displayed name | Bit Rate ZA |
| OSS name | bitRateTextZA |
| Read-only | no |
| Tab Panel | General Received Technology |
| Type | STRING |

Connection Type**Table 3-5359 Connection Type**

| Name | Value |
|--------------------------|---|
| Description | The type of OCH cross connect connection. |
| Displayed name | Connection Type |
| OSS name | xcType |
| Read-only | no |
| Tab Panel | General General |
| Type | XcType |
| Enumerated types: | |
| Add | |
| Add Drop | |
| Continue | |

Table 3-5359 Connection Type (continued)

| Name | Value |
|------|-------|
| Drop | |
| Thru | |

Destination**Table 3-5360 Destination**

| Name | Value |
|----------------|---|
| Description | Name of the endpoint Z, used for display. |
| Displayed name | Destination |
| OSS name | endpointZName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Encoding AZ**Table 3-5361 Encoding AZ**

| Name | Value |
|----------------|-----------------------------------|
| Description | Received encoding AZ description. |
| Displayed name | Encoding AZ |
| OSS name | encodingTextAZ |
| Read-only | no |
| Tab Panel | General Received Technology |
| Type | STRING |

Encoding ZA**Table 3-5362 Encoding ZA**

| Name | Value |
|----------------|-----------------------------------|
| Description | Received encoding ZA description. |
| Displayed name | Encoding ZA |
| OSS name | encodingTextZA |
| Read-only | no |

Table 3-5362 Encoding ZA (continued)

| Name | Value |
|-------------|-----------------------------|
| Tab Panel | General Received Technology |
| Type | STRING |

Endpoint A**Table 3-5363 Endpoint A**

| Name | Value |
|-----------------------|---------------------------|
| Default | yes: |
| Description | Pointer to the A end Ctp. |
| Displayed name | Endpoint A |
| Mandatory on creation | yes |
| OSS name | ctpAPointer |
| Read-only | no |
| Tab Panel | General Endpoint A |
| Type | POINTER |

Endpoint A**Table 3-5364 Endpoint A**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes: |
| Description | Physical port pointer for A end. |
| Displayed name | Endpoint A |
| Mandatory on creation | yes |
| OSS name | portAPointer |
| Read-only | no |
| Tab Panel | General Endpoint A |
| Type | POINTER |

Endpoint Z**Table 3-5365 Endpoint Z**

| Name | Value |
|-----------------------|---------------------------|
| Default | yes: |
| Description | Pointer to the Z end Ctp. |
| Displayed name | Endpoint Z |
| Mandatory on creation | yes |
| OSS name | ctpZPointer |
| Read-only | no |
| Tab Panel | General Endpoint Z |
| Type | POINTER |

Endpoint Z**Table 3-5366 Endpoint Z**

| Name | Value |
|-----------------------|----------------------------------|
| Default | yes: |
| Description | Physical port pointer for Z end. |
| Displayed name | Endpoint Z |
| Mandatory on creation | yes |
| OSS name | portZPointer |
| Read-only | no |
| Tab Panel | General Endpoint Z |
| Type | POINTER |

ITU Channel**Table 3-5367 ITU Channel**

| Name | Value |
|----------------|---------------------------------------|
| Description | The channel of the connection source. |
| Displayed name | ITU Channel |
| OSS name | srcChannel |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | ITUChannel |

Table 3-5367 ITU Channel (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| 1310 | |
| 1471 | |
| 1490 | |
| 1491 | |
| 1511 | |
| 1530 | |
| 1531 | |
| 1550 | |
| 1551 | |
| 1571 | |
| 1591 | |
| 1611 | |
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |

Table 3-5367 ITU Channel (continued)

| Name | Value |
|------|-------|
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |

Table 3-5367 ITU Channel (continued)

| Name | Value |
|------|-------|
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |

Table 3-5367 ITU Channel (continued)

| Name | Value |
|------|-------|
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |

Table 3-5367 ITU Channel (continued)

| Name | Value |
|------|-------|
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |

Table 3-5367 ITU Channel (continued)

| Name | Value |
|------|-------|
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |

Table 3-5367 ITU Channel (continued)

| Name | Value |
|------|-------|
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

OCH Connection ID**Table 3-5368 OCH Connection ID**

| Name | Value |
|----------------|-------------------------------|
| Description | Crossconnect Index in the NE. |
| Displayed name | OCH Connection ID |
| OSS name | ochXcId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

OCH Trail Name**Table 3-5369 OCH Trail Name**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Can be deployed on NE for OCH cross-connect, or connection group. For OCH XC/XC group the max length is 80, so we keep this for OT XCs too. This is the OCHTrail name for OCH XCs or OCH XC groups. |
| Displayed name | OCH Trail Name |
| Maximum | 80 |
| Minimum | 0 |

Table 3-5369 OCH Trail Name (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | xcName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Operational State

Table 3-5370 Operational State

| Name | Value |
|--------------------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General States |
| Type | ConnectionOperState |
| Enumerated types: | |
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

Power Management Type

Table 3-5371 Power Management Type

| Name | Value |
|----------------|-------------------------------|
| Description | The type of power management. |
| Displayed name | Power Management Type |
| OSS name | powerMgmtType |
| Read-only | no |
| Tab Panel | General General |

Table 3-5371 Power Management Type (continued)

| Name | Value |
|--------------------------|---------------|
| Type | PowerMgmtType |
| Enumerated types: | |
| Auto | |
| Hybrid | |
| Manual | |

Protection Mode**Table 3-5372 Protection Mode**

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | The protection state of the connection. |
| Displayed name | Protection Mode |
| Mandatory on creation | yes |
| OSS name | protectionState |
| Read-only | no |
| Tab Panel | General General |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Site ID**Table 3-5373 Site ID**

| Name | Value |
|-------------|-------------|
| Default | yes:0.0.0.0 |
| Description | Site ID. |

Table 3-5373 Site ID (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-5374 Site Name**

| Name | Value |
|----------------|-----------------|
| Description | Site name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Source**Table 3-5375 Source**

| Name | Value |
|----------------|---|
| Description | Name of the endpoint A, used for display. |
| Displayed name | Source |
| OSS name | endpointAName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Wave Key 1 AZ**Table 3-5376 Wave Key 1 AZ**

| Name | Value |
|----------------|---|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchXcItuWaveKeyAutoSelect is true, tnOchXcItuEncodedWaveKey1AZ has been set and the values have been set to 0,a rekey will be performed in the AZ direction. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 1 AZ |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey1AZ |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | INT |

Wave Key 1 ZA**Table 3-5377 Wave Key 1 ZA**

| Name | Value |
|----------------|---|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the reverse direction. If, without setting any other attributes and tnOchXcItuWaveKeyAutoSelect is true, tnOchXcItuEncodedWaveKey1ZA has been set and the values have been set to 0,a rekey will be performed in the ZA direction. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 1 ZA |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey1ZA |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | INT |

Wave Key 2 AZ**Table 3-5378 Wave Key 2 AZ**

| Name | Value |
|----------------|---|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the forward direction. If, without setting any other attributes and tnOchXcItuWaveKeyAutoSelect is true, tnOchXcItuEncodedWaveKey2AZ has been set and the values have been set to 0,a rekey will be performed in the AZ direction. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 2 AZ |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey2AZ |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | INT |

Wave Key 2 ZA**Table 3-5379 Wave Key 2 ZA**

| Name | Value |
|----------------|---|
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected in the reverse direction. If, without setting any other attributes and tnOchXcItuWaveKeyAutoSelect is true, tnOchXcItuEncodedWaveKey2ZA has been set and the values have been set to 0,a rekey will be performed in the ZA direction. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 2 ZA |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | waveKey2ZA |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | INT |

Wave Key Assign Mode**Table 3-5380 Wave Key Assign Mode**

| Name | Value |
|---------|-----------|
| Default | yes:unkey |

Table 3-5380 Wave Key Assign Mode (continued)

| Name | Value |
|--------------------------|---|
| Description | Indicates how the OCH XC's Wave Keys are selected and distributed to other nodes. |
| Displayed name | Wave Key Assign Mode |
| OSS name | wavekeySelect |
| Read-only | no |
| Tab Panel | General Wave Key |
| Type | WavekeySelect |
| Enumerated types: | |
| Auto Keying (NE) | |
| Auto Keying (NMS) | |
| Unkeyed | |

Z-A Rekey**Table 3-5381 Z-A Rekey**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Setting rekeyZA to true allows the user to request a rekey in the Z-A direction. |
| Displayed name | Z-A Rekey |
| OSS name | rekeyZA |
| Read-only | no |
| Tab Panel | General ReKey |
| Type | BOOL |

Virtual Plane HO-ODU Termination parameters

Assigned Rate

Table 3-5382 Assigned Rate

| Name | Value |
|----------------|--|
| Description | The assigned rate - OTU1, GigE, OC3... |
| Displayed name | Assigned Rate |
| OSS name | assignedRate |
| Read-only | no |
| Tab Panel | General General |
| Type | optical.AssignedRate |

Ctp ID

Table 3-5383 Ctp ID

| Name | Value |
|-----------------------|-----------------------------|
| Default | yes:1 |
| Description | The identifier for the Ctp. |
| Displayed name | Ctp ID |
| Mandatory on creation | yes |
| Minimum | 1 |
| OSS name | ctpId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Layer Type

Table 3-5384 Layer Type

| Name | Value |
|----------------|---|
| Description | The layer type - OCH, OTU, ODU, Electrical... |
| Displayed name | Layer Type |
| OSS name | layerType |
| Read-only | no |
| Tab Panel | General General |

Table 3-5384 Layer Type (continued)

| Name | Value |
|------|-------------------|
| Type | optical.LayerType |

Name**Table 3-5385 Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Site ID**Table 3-5386 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-5387 Site Name**

| Name | Value |
|----------------|-----------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |

Table 3-5387 Site Name (continued)

| Name | Value |
|-------------|--------------|
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

VlanUplink parameters

Aggregation Operational State

Table 3-5388 Aggregation Operational State

| Name | Value |
|--------------------------|--|
| Default | yes:unknown |
| Description | The operational status of this connector and drive from both side of connector . |
| Displayed name | Aggregation Operational State |
| OSS name | aggrOperationalState |
| Read-only | yes |
| Tab Panel | General General |
| Type | ServiceState |
| Enumerated types: | |
| Automatic In-Service | |
| Blocking | |
| Down | |
| Maintenance | |
| Partially Down | |
| Standby/Backup | |
| Unknown | |
| Up | |

Service Connection Point A

Table 3-5389 Service Connection Point A

| Name | Value |
|----------------|----------------------------|
| Displayed name | Service Connection Point A |

Table 3-5389 Service Connection Point A (continued)

| Name | Value |
|-----------------------|-----------------------------------|
| Mandatory on creation | yes |
| OSS name | firstScpPointer |
| Read-only | no |
| Tab Panel | General Service Connection Points |
| Type | POINTER |

Service Connection Point B**Table 3-5390 Service Connection Point B**

| Name | Value |
|-----------------------|-----------------------------------|
| Displayed name | Service Connection Point B |
| Mandatory on creation | yes |
| OSS name | secondScpPointer |
| Read-only | no |
| Tab Panel | General Service Connection Points |
| Type | POINTER |

Service ID**Table 3-5391 Service ID**

| Name | Value |
|-----------------------|-----------------|
| Default | yes:0 |
| Displayed name | Service ID |
| Mandatory on creation | yes |
| OSS name | serviceId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

VPLS L2 Access Interface parameters

Accounting Policy

Table 3-5392 Accounting Policy

| Name | Value |
|----------------|-------------------------------|
| Default | yes: |
| Displayed name | Accounting Policy |
| OSS name | accountingPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Accounting General |
| Type | POINTER |

Actual Maximum Frame Size

Table 3-5393 Actual Maximum Frame Size

| Name | Value |
|----------------|---------------------------|
| Default | yes:1500 |
| Displayed name | Actual Maximum Frame Size |
| OSS name | actualMtu |
| Read-only | yes |
| Tab Panel | Port General |
| Type | INT |
| Units | bytes |

Administrative State

Table 3-5394 Administrative State

| Name | Value |
|----------------|----------------------|
| Default | yes:unspecified |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | AdministrativeState |

Aggregate CIR**Table 3-5395 Aggregate CIR**

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Description | Specifies the CIR of all egress queues for this SAP. This cannot be modified from its default value on a SAP with egress scheduler mode being four-priority. |
| Displayed name | Aggregate CIR |
| Maximum | 10000000 |
| Minimum | -1 |
| OSS name | egressAggCIR |
| Read-only | no |
| Tab Panel | Schedulers Egress Aggregate Rate Limit |
| Type | INT |
| Units | kbps |

Aggregate CIR**Table 3-5396 Aggregate CIR**

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Description | Specifies the CIR of all ingress queues for this SAP. This cannot be modified from its default value on a SAP with ingress scheduler mode being four-priority. |
| Displayed name | Aggregate CIR |
| Maximum | 10000000 |
| Minimum | -1 |
| OSS name | ingressAggCIR |
| Read-only | no |
| Tab Panel | Schedulers Ingress Aggregate Rate Limit |
| Type | INT |
| Units | kbps |

Aggregate Rate Limit**Table 3-5397 Aggregate Rate Limit**

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Description | Specifies the maximum total rate of all egress queues for this AccessInterface. The value -1 means that there is no limit. |
| Displayed name | Aggregate Rate Limit |
| Maximum | 100000000 |
| Minimum | -1 |
| OSS name | egressAggRateLimit |
| Read-only | no |
| Tab Panel | Schedulers Egress Aggregate Rate Limit |
| Type | LONG |
| Units | kbps |

Aggregate Rate Limit**Table 3-5398 Aggregate Rate Limit**

| Name | Value |
|----------------|---|
| Default | yes:-1 |
| Description | Specifies the maximum total rate of all ingress queues for this SAP. The value '-1' means that there is no limit. |
| Displayed name | Aggregate Rate Limit |
| Maximum | 100000000 |
| Minimum | -1 |
| OSS name | ingressAggRateLimit |
| Read-only | no |
| Tab Panel | Schedulers Ingress Aggregate Rate Limit |
| Type | INT |
| Units | kbps |

Aggregate Shaper CIR Rate**Table 3-5399 Aggregate Shaper CIR Rate**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:0 |
| Displayed name | Aggregate Shaper CIR Rate |
| Maximum | 20000000 |
| Minimum | -1 |
| OSS name | sapIngressAggregateShaperRateCIR |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |
| Type | INT |
| Units | kbps |

Aggregate Shaper PIR Rate**Table 3-5400 Aggregate Shaper PIR Rate**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:-1 |
| Displayed name | Aggregate Shaper PIR Rate |
| Maximum | 20000000 |
| Minimum | -1 |
| OSS name | sapIngressAggregateShaperRatePIR |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |
| Type | INT |
| Units | kbps |

Aggregation**Table 3-5401 Aggregation**

| Name | Value |
|----------------|-------------|
| Default | yes:off |
| Displayed name | Aggregation |
| OSS name | aggregation |
| Read-only | no |

Table 3-5401 Aggregation (continued)

| Name | Value |
|-------------|--------------------|
| Tab Panel | Schedulers General |
| Type | INT |

Aggregation Scheduler**Table 3-5402 Aggregation Scheduler**

| Name | Value |
|----------------|-----------------------------------|
| Default | yes: |
| Displayed name | Aggregation Scheduler |
| OSS name | aggregationSchedulerObjectPointer |
| Read-only | no |
| Tab Panel | Schedulers Aggregation Scheduler |
| Type | POINTER |

Application Profile**Table 3-5403 Application Profile**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the unique name of an application assurance's application profile. |
| Displayed name | Application Profile |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | aaApplicationProfile |
| Read-only | no |
| Tab Panel | Application Assurance.General General |
| Type | STRING |

Assign Aggregate CIR**Table 3-5404 Assign Aggregate CIR**

| Name | Value |
|----------------|----------------------|
| Displayed name | Assign Aggregate CIR |

Table 3-5404 Assign Aggregate CIR (continued)

| Name | Value |
|-------------|--|
| OSS name | valueManager:egressAggCIR |
| Read-only | no |
| Tab Panel | Schedulers Egress Aggregate Rate Limit |

Assign Aggregate CIR**Table 3-5405 Assign Aggregate CIR**

| Name | Value |
|----------------|---|
| Displayed name | Assign Aggregate CIR |
| OSS name | valueManager:ingressAggCIR |
| Read-only | no |
| Tab Panel | Schedulers Ingress Aggregate Rate Limit |

Assign Aggregate Rate Limit**Table 3-5406 Assign Aggregate Rate Limit**

| Name | Value |
|----------------|--|
| Displayed name | Assign Aggregate Rate Limit |
| OSS name | valueManager:egressAggRateLimit |
| Read-only | no |
| Tab Panel | Schedulers Egress Aggregate Rate Limit |

Assign Aggregate Rate Limit**Table 3-5407 Assign Aggregate Rate Limit**

| Name | Value |
|----------------|---|
| Displayed name | Assign Aggregate Rate Limit |
| OSS name | valueManager:ingressAggRateLimit |
| Read-only | no |
| Tab Panel | Schedulers Ingress Aggregate Rate Limit |

Assigned to Multi-homing Site
Table 3-5408 Assigned to Multi-homing Site

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The name of the BGP Multi-homing VPLS site that this SAP associated with. |
| Displayed name | Assigned to Multi-homing Site |
| OSS name | bgpVplsMhSiteName |
| Read-only | yes |
| Tab Panel | General BGP Multi-homing |
| Type | STRING |

BPDU Translation**Table 3-5409 BPDU Translation**

| Name | Value |
|--------------------------|--|
| Default | yes:disabled |
| Description | The value specifies whether received L2 Protocol Tunnel PDUs are translated before being sent out on this L2 Access Interface. |
| Displayed name | BPDU Translation |
| OSS name | bpduTranslation |
| Read-only | no |
| Tab Panel | Forwarding Control.BPDU Termination General |
| Type | BpduTranslation |
| Enumerated types: | |
| | Auto |
| | Auto-RW |
| | Disabled |
| | PVST |
| | PVST-RW |
| | STP |

Calling Station ID
Table 3-5410 Calling Station ID

| Name | Value |
|----------------|--------------------|
| Default | yes: |
| Displayed name | Calling Station ID |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | callingStationId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Cflowd Type**Table 3-5411 Cflowd Type**

| Name | Value |
|----------------|---------------------|
| Default | yes:none |
| Displayed name | Cflowd Type |
| OSS name | cflowdType |
| Read-only | no |
| Tab Panel | General General |
| Type | service.CflowdTypes |

Collect Accounting Statistics**Table 3-5412 Collect Accounting Statistics**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:true |
| Displayed name | Collect Accounting Statistics |
| OSS name | accountingOn |
| Read-only | no |
| Tab Panel | Accounting General |
| Type | BOOL |

Connection Profile
Table 3-5413 Connection Profile

| Name | Value |
|----------------|-------------------------|
| Default | yes: |
| Displayed name | Connection Profile |
| OSS name | connectionProfile |
| Read-only | no |
| Tab Panel | Port Connection Profile |
| Type | POINTER |

Customer ID**Table 3-5414 Customer ID**

| Name | Value |
|----------------|------------------|
| Default | yes:1 |
| Displayed name | Customer ID |
| OSS name | subscriberId |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | LONG |

Customer Name**Table 3-5415 Customer Name**

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 32 |
| OSS name | subscriberName |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | STRING |

Description
Table 3-5416 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Displayed Name**Table 3-5417 Displayed Name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | HSMDA Egress Secondary Shaper applicable to this service |
| Displayed name | Displayed Name |
| OSS name | hsmdaEgrSecondaryShaper |
| Read-only | no |
| Tab Panel | QoS Egress HSMDA Override Secondary Shaper |
| Type | STRING |

Egress Aggregate Rate Limit CIR**Table 3-5418 Egress Aggregate Rate Limit CIR**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Specifies Aggregate Rate Limit CIR value on this site. |
| Displayed name | Egress Aggregate Rate Limit CIR |
| Maximum | 10000000 |
| Minimum | 0 |
| OSS name | egressAggRateLimitCIR |
| Read-only | no |

Table 3-5418 Egress Aggregate Rate Limit CIR (continued)

| Name | Value |
|-------------|--|
| Tab Panel | Schedulers Egress Aggregate Rate Limit CIR PIR |
| Type | INT |
| Units | kbps |

Egress Aggregate Rate Limit PIR**Table 3-5419 Egress Aggregate Rate Limit PIR**

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Description | Specifies Aggregate Rate Limit PIR value on this site. |
| Displayed name | Egress Aggregate Rate Limit PIR |
| Maximum | 10000000 |
| Minimum | -1 |
| OSS name | egressAggRateLimitPIR |
| Read-only | no |
| Tab Panel | Schedulers Egress Aggregate Rate Limit CIR PIR |
| Type | INT |
| Units | kbps |

Egress Aggregate Shaper Rate**Table 3-5420 Egress Aggregate Shaper Rate**

| Name | Value |
|----------------|------------------------------|
| Default | yes:-1 |
| Displayed name | Egress Aggregate Shaper Rate |
| Maximum | 1000000 |
| Minimum | -1 |
| OSS name | sapEgressAggregateShaperRate |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |
| Type | INT |
| Units | kbps |

Egress Filter**Table 3-5421 Egress Filter**

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Egress Filter |
| OSS name | egressFilterPointer |
| Read-only | no |
| Tab Panel | ACL IP Filter |
| Type | POINTER |

Egress Filter**Table 3-5422 Egress Filter**

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Egress Filter |
| OSS name | egressFilterPointer |
| Read-only | no |
| Tab Panel | ACL IP/MAC Filter |
| Type | POINTER |

Egress Mark QinQ Top Bits Only**Table 3-5423 Egress Mark QinQ Top Bits Only**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | This property only applies to ports with an encapsulation type of QinQ and specifies whether only top bits should be marked (true), or both top and bottom bits should be marked (false). |
| Displayed name | Egress Mark QinQ Top Bits Only |
| OSS name | egressQinqMarkTopBitsOnly |
| Read-only | no |
| Tab Panel | QoS General |
| Type | BOOL |

Egress Multicast Group**Table 3-5424 Egress Multicast Group**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The value specifies the Egress Multicast Group this SAP belongs to. |
| Displayed name | Egress Multicast Group |
| OSS name | egressMcastGroupPointer |
| Read-only | no |
| Tab Panel | Egress Multicast Group General |
| Type | POINTER |

Egress Policy**Table 3-5425 Egress Policy**

| Name | Value |
|----------------|---------------------------|
| Default | yes:Access Egress:1 |
| Displayed name | Egress Policy |
| OSS name | egressPolicyObjectPointer |
| Read-only | no |
| Tab Panel | QoS General |
| Type | POINTER |

Egress Queue Group Template Policy**Table 3-5426 Egress Queue Group Template Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the egress access port queue-group policy pointer for this SAP. |
| Displayed name | Egress Queue Group Template Policy |
| OSS name | egressPortQueueGroupPointer |
| Read-only | no |
| Tab Panel | QoS General Port Redirect |
| Type | POINTER |

Egress Scheduler
Table 3-5427 Egress Scheduler

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Egress Scheduler |
| OSS name | egressSchedulerObjectPointer |
| Read-only | no |
| Tab Panel | Schedulers Egress Scheduler |
| Type | POINTER |

Element**Table 3-5428 Element**

| Name | Value |
|-----------------------|-----------------------|
| Default | yes: |
| Displayed name | Element |
| Mandatory on creation | yes |
| OSS name | ethRingElementPointer |
| Read-only | no |
| Tab Panel | Port Ethernet Ring |
| Type | POINTER |

Enable Aggregate Rate Limit**Table 3-5429 Enable Aggregate Rate Limit**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether Aggregate Rate Limit is enabled on this site. |
| Displayed name | Enable Aggregate Rate Limit |
| OSS name | egressAggRateLimitEnabled |
| Read-only | no |
| Tab Panel | Schedulers Egress Aggregate Rate Limit CIR PIR |
| Type | BOOL |

Enable Egress Forwarding**Table 3-5430 Enable Egress Forwarding**

| Name | Value |
|----------------|--------------------------|
| Default | yes:false |
| Displayed name | Enable Egress Forwarding |
| OSS name | sapEgressStatsEnable |
| Read-only | no |
| Tab Panel | Accounting 7210 Specific |
| Type | BOOL |

Enable Egress Packets Forwarding**Table 3-5431 Enable Egress Packets Forwarding**

| Name | Value |
|----------------|----------------------------------|
| Default | yes:false |
| Displayed name | Enable Egress Packets Forwarding |
| OSS name | sapEgressStatsPktsMode |
| Read-only | no |
| Tab Panel | Accounting 7210 Specific |
| Type | BOOL |

Enable Ingress Forwarding**Table 3-5432 Enable Ingress Forwarding**

| Name | Value |
|----------------|---------------------------|
| Default | yes:false |
| Displayed name | Enable Ingress Forwarding |
| OSS name | sapIngressStatsEnable |
| Read-only | no |
| Tab Panel | Accounting 7210 Specific |
| Type | BOOL |

Enable LMM Session Stats Collection

Table 3-5433 Enable LMM Session Stats Collection

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether or not to compute the Y.1731 ETH-LM 'RxFCI' and 'TxFCI' service frame counters for the specified SAP.The 'RxFCI' and 'TxFCI' counters are used by ETH-LM loss measurement tests. |
| Displayed name | Enable LMM Session Stats Collection |
| OSS name | ImmCollectStats |
| Read-only | no |
| Tab Panel | OAM.ETH-CFM LMM Session Stats Collection |
| Type | BOOL |

Enable Port Redundancy

Table 3-5434 Enable Port Redundancy

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Indicates whether to enable the backup port configuration for manual switching. Currently it is only applicable to Epipe and Cpipe on 7x50/7710/7705 node. |
| Displayed name | Enable Port Redundancy |
| OSS name | enablePortRedundancy |
| Read-only | no |
| Tab Panel | Port Port Redundancy |
| Type | BOOL |

Enable Split Horizon

Table 3-5435 Enable Split Horizon

| Name | Value |
|-----------------------|----------------------|
| Default | yes:false |
| Displayed name | Enable Split Horizon |
| Mandatory on creation | yes |
| OSS name | enableShg |
| Read-only | no |
| Tab Panel | Port Ethernet Ring |

Table 3-5435 Enable Split Horizon (continued)

| Name | Value |
|------|-------|
| Type | BOOL |

Enable Virtual MEP Filter**Table 3-5436 Enable Virtual MEP Filter**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value of vMepFilter specifies whether ETH-CFM PDUs egressing the sap at the same level or lower than that of the configured service MEP (the virtual MEP) should be discarded or continue to egress. |
| Displayed name | Enable Virtual MEP Filter |
| OSS name | vMepFilter |
| Read-only | no |
| Tab Panel | OAM.ETH-CFM Virtual MEPs |
| Type | BOOL |

Encapsulation Type**Table 3-5437 Encapsulation Type**

| Name | Value |
|----------------|-------------------------|
| Default | yes:unspecified |
| Displayed name | Encapsulation Type |
| OSS name | encapType |
| Read-only | no |
| Tab Panel | Port General |
| Type | equipment.PortEncapType |

Ethernet CFM Monitor Flags**Table 3-5438 Ethernet CFM Monitor Flags**

| Name | Value |
|----------------|----------------------------|
| Default | yes:0 |
| Displayed name | Ethernet CFM Monitor Flags |
| OSS name | cpmProtEthCfmMonitorFlags |

Table 3-5438 Ethernet CFM Monitor Flags (continued)

| Name | Value |
|-------------|------------------------|
| Read-only | no |
| Tab Panel | Security General |
| Type | EthCfmMonitorFlagsType |

Ethernet Tunnel Endpoint Control SAP**Table 3-5439 Ethernet Tunnel Endpoint Control SAP**

| Name | Value |
|-----------------------|---|
| Default | yes:false |
| Description | For SAPs that have an Ethernet Tunnel Endpoint as the Terminating Port, indicates if this is a control SAP. If set to 'true', the value of the 'outerEncapValue' property is set to 8191. |
| Displayed name | Ethernet Tunnel Endpoint Control SAP |
| Mandatory on creation | yes |
| OSS name | ethTunnelControlSap |
| Read-only | no |
| Tab Panel | Port Ethernet Tunnel |
| Type | BOOL |

Force ctag Vlan Forwarding**Table 3-5440 Force ctag Vlan Forwarding**

| Name | Value |
|----------------|------------------------------------|
| Default | yes:false |
| Displayed name | Force ctag Vlan Forwarding |
| OSS name | forceCtagVlanFwd |
| Read-only | no |
| Tab Panel | General Force ctag VLAN Forwarding |
| Type | BOOL |

Frame-Based Accounting
Table 3-5441 Frame-Based Accounting

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Frame-Based Accounting |
| OSS name | egressFrameBaseAccounting |
| Read-only | no |
| Tab Panel | Schedulers Egress Aggregate Rate Limit |
| Type | BOOL |

Ingress Aggregate Shaper Rate**Table 3-5442 Ingress Aggregate Shaper Rate**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:-1 |
| Displayed name | Ingress Aggregate Shaper Rate |
| Maximum | 3000000 |
| Minimum | -1 |
| OSS name | sapIngressAggregateShaperRate |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |
| Type | INT |
| Units | kbps |

Ingress Counter Mode**Table 3-5443 Ingress Counter Mode**

| Name | Value |
|----------------|--------------------------|
| Default | yes:packet |
| Displayed name | Ingress Counter Mode |
| OSS name | sapIngressCounterMode |
| Read-only | no |
| Tab Panel | Accounting 7210 Specific |
| Type | SapIngressCounterMode |

Ingress Counter Type
Table 3-5444 Ingress Counter Type

| Name | Value |
|----------------|--------------------------|
| Default | yes:inOutProfileCount |
| Displayed name | Ingress Counter Type |
| OSS name | sapIngressCounterType |
| Read-only | no |
| Tab Panel | Accounting 7210 Specific |
| Type | SapIngressCounterType |

Ingress Filter**Table 3-5445 Ingress Filter**

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | Ingress Filter |
| OSS name | ingressFilterPointer |
| Read-only | no |
| Tab Panel | ACL IP Filter |
| Type | POINTER |

Ingress Filter**Table 3-5446 Ingress Filter**

| Name | Value |
|----------------|----------------------|
| Default | yes: |
| Displayed name | Ingress Filter |
| OSS name | ingressFilterPointer |
| Read-only | no |
| Tab Panel | ACL IP/MAC Filter |
| Type | POINTER |

Ingress Match QinQ Dot1P**Table 3-5447 Ingress Match QinQ Dot1P**

| Name | Value |
|----------------|----------------------------|
| Default | yes:none |
| Displayed name | Ingress Match QinQ Dot1P |
| OSS name | ingressMatchQinqDot1pBits |
| Read-only | no |
| Tab Panel | QoS General |
| Type | rtr.MatchQinqDot1pBitsType |

Ingress Meter**Table 3-5448 Ingress Meter**

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Displayed name | Ingress Meter |
| OSS name | sapIngressWithAggregateMeter |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |
| Type | generic.TruthValue |

Ingress Meter Burst**Table 3-5449 Ingress Meter Burst**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:-1 |
| Displayed name | Ingress Meter Burst |
| Maximum | 2146959 |
| Minimum | -1 |
| OSS name | sapIngressAggregateMeterBurst |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |
| Type | INT |

Ingress Meter Rate**Table 3-5450 Ingress Meter Rate**

| Name | Value |
|----------------|------------------------------|
| Default | yes:0 |
| Displayed name | Ingress Meter Rate |
| Maximum | 20000000 |
| Minimum | -1 |
| OSS name | sapIngressAggregateMeterRate |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |
| Type | INT |
| Units | kbps |

Ingress Policy**Table 3-5451 Ingress Policy**

| Name | Value |
|----------------|--|
| Default | yes:Access Ingress:1 |
| Description | Specifies the SAP-Ingress QoS for the SAP. For L3 when changing the port the SAP will retain the originalSAP-Ingress QoS selected unless explicitly changed. |
| Displayed name | Ingress Policy |
| OSS name | ingressPolicyObjectPointer |
| Read-only | no |
| Tab Panel | QoS General |
| Type | POINTER |

Ingress Queue Group Template Policy**Table 3-5452 Ingress Queue Group Template Policy**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the forwarding-plane queue group instance for this SAP. For L3 when changing the port the SAP will retain the original forwarding-plane queue group instance selected unless explicitly changed. |
| Displayed name | Ingress Queue Group Template Policy |
| OSS name | ingressQueueGroupName |

Table 3-5452 Ingress Queue Group Template Policy (continued)

| Name | Value |
|-------------|---------------------------------------|
| Read-only | no |
| Tab Panel | QoS General Forwarding Plane Redirect |
| Type | STRING |

Ingress Scheduler

Table 3-5453 Ingress Scheduler

| Name | Value |
|----------------|-------------------------------|
| Default | yes: |
| Displayed name | Ingress Scheduler |
| OSS name | ingressSchedulerObjectPointer |
| Read-only | no |
| Tab Panel | Schedulers Ingress Scheduler |
| Type | POINTER |

Inner Encapsulation Value

Table 3-5454 Inner Encapsulation Value

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Provisioned inner encap value. This value is propagated into: terminatedPortInnerEncapValue. |
| Displayed name | Inner Encapsulation Value |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | innerEncapValue |
| Read-only | no |
| Tab Panel | Port General |
| Type | INT |

Instance ID
Table 3-5455 Instance ID

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the instance id of the forwarding-plane queue group instance for this SAP. For L3 when changing the port the SAP will retain the original instance id selected unless explicitly changed. |
| Displayed name | Instance ID |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | ingressInstanceId |
| Read-only | no |
| Tab Panel | QoS General Forwarding Plane Redirect |
| Type | LONG |

IPv6 Egress Filter**Table 3-5456 IPv6 Egress Filter**

| Name | Value |
|----------------|-------------------------|
| Default | yes: |
| Displayed name | IPv6 Egress Filter |
| OSS name | egressIpv6FilterPointer |
| Read-only | no |
| Tab Panel | ACL IPv6 Filter |
| Type | POINTER |

IPv6 Ingress Filter**Table 3-5457 IPv6 Ingress Filter**

| Name | Value |
|----------------|--------------------------|
| Default | yes: |
| Displayed name | IPv6 Ingress Filter |
| OSS name | ingressIpv6FilterPointer |
| Read-only | no |
| Tab Panel | ACL IPv6 Filter |

Table 3-5457 IPv6 Ingress Filter (continued)

| Name | Value |
|------|---------|
| Type | POINTER |

ISA-AA Group ID**Table 3-5458 ISA-AA Group ID**

| Name | Value |
|----------------|---|
| Default | yes:1 |
| Description | Specifies the groupId of the application profile corresponding to aaApplicationProfile. |
| Displayed name | ISA-AA Group ID |
| OSS name | aaGrpId |
| Read-only | no |
| Tab Panel | Application Assurance.General General |
| Type | INT |

ISA-AA Partition ID**Table 3-5459 ISA-AA Partition ID**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the partitionId of the application profile corresponding to aaApplicationProfile. |
| Displayed name | ISA-AA Partition ID |
| OSS name | aaPartId |
| Read-only | no |
| Tab Panel | Application Assurance.General General |
| Type | INT |

L2 Protocol Termination**Table 3-5460 L2 Protocol Termination**

| Name | Value |
|-------------|--|
| Default | yes:disabled |
| Description | The value specifies whether received L2 Protocol Tunnel PDUs are terminated on this L2 Access Interface. |

Table 3-5460 L2 Protocol Termination (continued)

| Name | Value |
|--------------------------|---|
| Displayed name | L2 Protocol Termination |
| OSS name | l2ptTermination |
| Read-only | no |
| Tab Panel | Forwarding Control.BPDU Termination General |
| Type | L2PtTermination |
| Enumerated types: | |
| Disabled | |
| Enabled | |

L2PT Protocol**Table 3-5461 L2PT Protocol**

| Name | Value |
|--------------------------|--|
| Default | yes:stp |
| Description | The L2ptProtocols indicates which L2 protocols should have their tunnels terminated when 'L2ptTermination' is enabled. |
| Displayed name | L2PT Protocol |
| OSS name | l2ptProtocol |
| Read-only | no |
| Tab Panel | Forwarding Control.BPDU Termination L2PtProtocol1 |
| Type | L2PtProtocol |
| Enumerated types: | |
| cdp | |
| dtp | |
| pagp | |
| stp | |
| udld | |
| vtp | |

LAG Link Map Profile

Table 3-5462 LAG Link Map Profile

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the LAG Link Mapping Profile |
| Displayed name | LAG Link Map Profile |
| OSS name | lagLinkMapProfilePointer |
| Read-only | no |
| Tab Panel | Port General |
| Type | POINTER |

Leaf Access

Table 3-5463 Leaf Access

| Name | Value |
|-----------------------|--|
| Default | yes:false |
| Description | Specifies whether or not this SAP is an e-tree leaf access circuit |
| Displayed name | Leaf Access |
| Mandatory on creation | yes |
| OSS name | etreeLeafAccess |
| Read-only | no |
| Tab Panel | General Etree |
| Type | BOOL |

Leaf Tag

Table 3-5464 Leaf Tag

| Name | Value |
|-----------------------|---|
| Default | yes:0 |
| Description | Specifies the VLAN tag to be used for e-tree leaf traffic |
| Displayed name | Leaf Tag |
| Mandatory on creation | yes |
| Maximum | 4094 |
| Minimum | 0 |
| OSS name | etreeLeafTag |

Table 3-5464 Leaf Tag (continued)

| Name | Value |
|-------------|---------------|
| Read-only | no |
| Tab Panel | General Etree |
| Type | INT |

Lightweight SAP**Table 3-5465 Lightweight SAP**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | A SAP is considered Lightweight if it is associated to a SHG Site that is Residential : - <code>tlsShgResidential</code> indicates whether or not the split-horizon-group is residential. In a Residential Split Horizon Group (RSHG) there is no downstream broadcast, and all saps in the group will share the default ingress queue. The value can be specified during row-creation, cannot be changed later on. |
| Displayed name | Lightweight SAP |
| OSS name | lightweightSap |
| Read-only | no |
| Tab Panel | General Split Horizon Group |
| Type | BOOL |

Limit Unused Bandwidth**Table 3-5466 Limit Unused Bandwidth**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether to limit the unused bandwidth and allow a tighter control in allocation of bandwidth by HQos. |
| Displayed name | Limit Unused Bandwidth |
| OSS name | egressAggRateLUB |
| Read-only | no |
| Tab Panel | Schedulers Egress Aggregate Rate Limit |
| Type | BOOL |

LLF Enabled**Table 3-5467 LLF Enabled**

| Name | Value |
|----------------|---|
| Default | yes:Disabled |
| Description | Is Link Loss Forwarding enabled on this sap. It only applies to 1830 VPLS services. |
| Displayed name | LLF Enabled |
| OSS name | llfEnabled |
| Read-only | no |
| Tab Panel | Port Link Loss Forwarding |
| Type | INT |

LLF ID**Table 3-5468 LLF ID**

| Name | Value |
|----------------|---------------------------------------|
| Default | yes:0 |
| Description | Setting the LLF ID to 0 disables LLF. |
| Displayed name | LLF ID |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | llfId |
| Read-only | no |
| Tab Panel | Port Link Loss Forwarding |
| Type | INT |

LLF Status**Table 3-5469 LLF Status**

| Name | Value |
|----------------|---|
| Default | yes:Clear |
| Description | Link Loss Forward state. It only applies to 1830 VPLS services (See name binding behavior items). |
| Displayed name | LLF Status |
| OSS name | llfState |
| Read-only | no |

Table 3-5469 LLF Status (continued)

| Name | Value |
|-------------|---------------------------|
| Tab Panel | Port Link Loss Forwarding |
| Type | INT |

MAC Monitoring**Table 3-5470 MAC Monitoring**

| Name | Value |
|----------------|------------------|
| Default | yes:false |
| Displayed name | MAC Monitoring |
| OSS name | macMonitoring |
| Read-only | no |
| Tab Panel | Security General |
| Type | BOOL |

MAC-Swap-Enable**Table 3-5471 MAC-Swap-Enable**

| Name | Value |
|----------------|-----------------|
| Default | yes:false |
| Displayed name | MAC-Swap-Enable |
| OSS name | macSwapEnable |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Manual Switch Backup State**Table 3-5472 Manual Switch Backup State**

| Name | Value |
|----------------|---|
| Default | yes:none |
| Description | Indicates the redundant state of this L2 Access Interface for manual switching. |
| Displayed name | Manual Switch Backup State |
| OSS name | redundantSwitchState |

Table 3-5472 Manual Switch Backup State (continued)

| Name | Value |
|-------------|-------------------------|
| Read-only | yes |
| Tab Panel | Port Port Redundancy |
| Type | ManualSwitchBackupState |

MAX**Table 3-5473 MAX**

| Name | Value |
|----------------|---|
| Displayed name | MAX |
| OSS name | valueManager:sapEgressAggregateShaperRate |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |

MAX**Table 3-5474 MAX**

| Name | Value |
|----------------|---|
| Displayed name | MAX |
| OSS name | valueManager:sapIngressAggregateShaperRateCIR |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |

MAX**Table 3-5475 MAX**

| Name | Value |
|----------------|---|
| Displayed name | MAX |
| OSS name | valueManager:sapIngressAggregateShaperRatePIR |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |

MAX**Table 3-5476 MAX**

| Name | Value |
|----------------|--|
| Displayed name | MAX |
| OSS name | valueManager:sapIngressAggregateShaperRate |
| Read-only | no |
| Tab Panel | QoS Aggregate Rate Limit |

Maximum Frame Size Mismatch**Table 3-5477 Maximum Frame Size Mismatch**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | The value is set to 'true' when the provisioned MTU value is greater than the actual MTU value (provisionedMtu > actualMtu). |
| Displayed name | Maximum Frame Size Mismatch |
| OSS name | mtuMismatch |
| Read-only | yes |
| Tab Panel | Port General |
| Type | BOOL |

MC Ring Node**Table 3-5478 MC Ring Node**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the unique name of a multi-chassis ring access node. |
| Displayed name | MC Ring Node |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | ringNodeName |
| Read-only | no |
| Tab Panel | General McRedundancy |
| Type | STRING |

MC-LAG Hold Time
Table 3-5479 MC-LAG Hold Time

| Name | Value |
|----------------|---|
| Description | "The value of mcLagPropHoldTimeRemain indicates the remaining time, in seconds, until MEPs on this SAP will react to a Multi-Chassis LAG protocol or port change. The value zero (0) indicates there are no pending events, or the SAP is not a MC-LAG SAP. This object corresponds to the global configuration timer: TIMETRA-IEEE8021-CFM-MIB::tmnxDot1agCfmMcLagPropHoldTime." |
| Displayed name | MC-LAG Hold Time |
| OSS name | mcLagPropHoldTimeRemain |
| Read-only | no |
| Tab Panel | OAM.ETH-CFM Facility MEPs |
| Type | LONG |

MIP**Table 3-5480 MIP**

| Name | Value |
|--------------------------|-------------------------------|
| Default | yes:disabled |
| Displayed name | MIP |
| OSS name | mipEnabled |
| Read-only | no |
| Tab Panel | OAM.ETH-CFM MIP Configuration |
| Type | MipMode |
| Enumerated types: | |
| Disabled | |
| Enabled | |

MIP MAC Address**Table 3-5481 MIP MAC Address**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | MIP MAC Address |
| OSS name | mipMacAddress |
| Read-only | no |

Table 3-5481 MIP MAC Address (continued)

| Name | Value |
|-------------|-------------------------------|
| Tab Panel | OAM.ETH-CFM MIP Configuration |
| Type | MACADDR |

Name**Table 3-5482 Name**

| Name | Value |
|-----------------------|-----------------|
| Default | yes: |
| Displayed name | Name |
| Mandatory on creation | yes |
| Maximum | 40 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

NE DDoS Protection Policy**Table 3-5483 NE DDoS Protection Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer specifies the DDoS Protection Policy that's applicable to this interface. |
| Displayed name | NE DDoS Protection Policy |
| OSS name | dCpuProtectionPolicyPointer |
| Read-only | no |
| Tab Panel | Security General |
| Type | POINTER |

NE DoS Protection
Table 3-5484 NE DoS Protection

| Name | Value |
|----------------|--|
| Default | yes:NE DoS Protection:254 |
| Description | Pointer specifies the DoS Protection Policy that's applicable to this interface. |
| Displayed name | NE DoS Protection |
| OSS name | dosProtection |
| Read-only | no |
| Tab Panel | Security General |
| Type | POINTER |

Operational State**Table 3-5485 Operational State**

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General General |
| Type | OperationalState |

OSS Meta Data**Table 3-5486 OSS Meta Data**

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | OSS Meta Data |
| Maximum | 300 |
| Minimum | 0 |
| OSS name | ossMetaData |
| Read-only | no |
| Tab Panel | OSS Meta Data General |
| Type | STRING |

Outer Encapsulation Value
Table 3-5487 Outer Encapsulation Value

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | Provisioned outer encap value. This value is propagated into: terminatedPortOuterEncapValue. |
| Displayed name | Outer Encapsulation Value |
| Maximum | 4095 |
| Minimum | 0 |
| OSS name | outerEncapValue |
| Read-only | no |
| Tab Panel | Port General |
| Type | INT |

Override**Table 3-5488 Override**

| Name | Value |
|----------------|--|
| Displayed name | Override |
| OSS name | valueManager:hsmdaEgrQosPackByteOffOvr |
| Read-only | no |
| Tab Panel | QoS Egress HSMDA Override |

Packet Byte Offset (bytes)**Table 3-5489 Packet Byte Offset (bytes)**

| Name | Value |
|----------------|--|
| Default | yes:-128 |
| Description | Specifies the Packet Byte Offset of an hsmda egress policy for this service. The value -128 means that there is no override. |
| Displayed name | Packet Byte Offset (bytes) |
| Maximum | 31 |
| Minimum | -128 |
| OSS name | hsmdaEgrQosPackByteOffOvr |
| Read-only | no |

Table 3-5489 Packet Byte Offset (bytes) (continued)

| Name | Value |
|-------------|---------------------------|
| Tab Panel | QoS Egress HSMDA Override |
| Type | INT |

Policer Control Policy**Table 3-5490 Policer Control Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Hierarchical Policing Policy applicable to this service |
| Displayed name | Policer Control Policy |
| OSS name | egressPolicerPolicyPointer |
| Read-only | no |
| Tab Panel | Schedulers Egress Policer Control Policy |
| Type | POINTER |

Policer Control Policy**Table 3-5491 Policer Control Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Hierarchical Policing Policy applicable to this service |
| Displayed name | Policer Control Policy |
| OSS name | ingressPolicerPolicyPointer |
| Read-only | no |
| Tab Panel | Schedulers Ingress Policer Control Policy |
| Type | POINTER |

Policy**Table 3-5492 Policy**

| Name | Value |
|-------------|------------------------------------|
| Default | yes: |
| Description | Pointer to the host lockout Policy |

Table 3-5492 Policy (continued)

| Name | Value |
|----------------|--------------------------|
| Displayed name | Policy |
| OSS name | hostLockoutPolicyPointer |
| Read-only | no |
| Tab Panel | General Host Lockout |
| Type | POINTER |

Port Description**Table 3-5493 Port Description**

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Port Description |
| Maximum | 256 |
| Minimum | 0 |
| OSS name | portDescription |
| Read-only | yes |
| Tab Panel | Port General |
| Type | STRING |

Port ID**Table 3-5494 Port ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0 |
| Displayed name | Port ID |
| OSS name | portId |
| Read-only | yes |
| Tab Panel | Port General |
| Type | LONG |

Port Name**Table 3-5495 Port Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Port Name |
| Maximum | 252 |
| OSS name | portName |
| Read-only | yes |
| Tab Panel | Port General |
| Type | STRING |

PPPoE Circuit ID**Table 3-5496 PPPoE Circuit ID**

| Name | Value |
|----------------|-----------------------|
| Default | yes:false |
| Displayed name | PPPoE Circuit ID |
| OSS name | pppoeCircuitId |
| Read-only | no |
| Tab Panel | General PPPoE Circuit |
| Type | BOOL |

Priority**Table 3-5497 Priority**

| Name | Value |
|----------------|--------------|
| Default | yes:0 |
| Displayed name | Priority |
| Maximum | 7 |
| Minimum | 0 |
| OSS name | priority |
| Read-only | no |
| Tab Panel | Port General |
| Type | INT |

Process CPM Traffic on LAG SAP Down
Table 3-5498 Process CPM Traffic on LAG SAP Down

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | When enabled, a simple LAG SAP will not be removed from the forwarding plane and flooded traffic (unknown unicast, broadcast and multicast) will be dropped on egress rather than ingress. This allows control traffic to be extracted on egress and where applicable processed by the CPM. The value of <code>tmnxSapTlsExProcCpmTrfcSapDn</code> will not prevent a VPLS service from entering an Operational Down state if it is the last active connection to enter a non-operational state. By default, without this value, when a LAG enters a non-operational state it is removed from the forwarding plane and traffic is dropped on ingress. |
| Displayed name | Process CPM Traffic on LAG SAP Down |
| OSS name | <code>processCpmTrafficOnLagSapDown</code> |
| Read-only | no |
| Tab Panel | General SAP Down behavior |
| Type | BOOL |

Provisioned Maximum Frame Size**Table 3-5499 Provisioned Maximum Frame Size**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:1500 |
| Displayed name | Provisioned Maximum Frame Size |
| OSS name | <code>provisionedMtu</code> |
| Read-only | yes |
| Tab Panel | Port General |
| Type | INT |
| Units | bytes |

Role**Table 3-5500 Role**

| Name | Value |
|----------------|--|
| Default | yes:hub |
| Description | Specifies if Test Suite Generation should use this MEP as a Hub or Spoke (Hubs target Hubs and Spokes, Spoke can only target Hubs) |
| Displayed name | Role |

Table 3-5500 Role (continued)

| Name | Value |
|-------------|-------------------------------|
| OSS name | testRole |
| Read-only | no |
| Tab Panel | OAM.Configuration testOptions |
| Type | ethernetoam.MepRole |

Root Leaf Tag**Table 3-5501 Root Leaf Tag**

| Name | Value |
|-----------------------|---|
| Default | yes:false |
| Description | Specifies whether or not this SAP is e-tree tagging, with the first VLAN tag in the SAP identifier being the VLAN tag for e-tree root traffic |
| Displayed name | Root Leaf Tag |
| Mandatory on creation | yes |
| OSS name | etreeRootLeafTag |
| Read-only | no |
| Tab Panel | General Etree |
| Type | BOOL |

SAP Sub Type**Table 3-5502 SAP Sub Type**

| Name | Value |
|-----------------------|---|
| Default | yes:regular |
| Description | Indicates the sub-type for this Access Interface. |
| Displayed name | SAP Sub Type |
| Mandatory on creation | yes |
| OSS name | sapSubType |
| Read-only | no |
| Tab Panel | General SAP Sub Type |
| Type | service.SapSubType |

SAP TCA Profile
Table 3-5503 SAP TCA Profile

| Name | Value |
|----------------|----------------------------|
| Default | yes: |
| Displayed name | SAP TCA Profile |
| OSS name | cardStatsTCAProfilePointer |
| Read-only | no |
| Tab Panel | General Performance |
| Type | POINTER |

SAS Egress Policy**Table 3-5504 SAS Egress Policy**

| Name | Value |
|----------------|------------------------------|
| Default | yes:sasAccessEgress:1 |
| Displayed name | SAS Egress Policy |
| OSS name | sasEgressPolicyObjectPointer |
| Read-only | no |
| Tab Panel | QoS 7210 Specific |
| Type | POINTER |

SAS Ingress Policy**Table 3-5505 SAS Ingress Policy**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:sasAccessIngress:1 |
| Displayed name | SAS Ingress Policy |
| OSS name | sasIngressPolicyObjectPointer |
| Read-only | no |
| Tab Panel | QoS 7210 Specific |
| Type | POINTER |

Scheduler Mode
Table 3-5506 Scheduler Mode

| Name | Value |
|----------------|--|
| Default | yes:fourPriority |
| Description | Specifies the mode that the egress scheduler is provisioned for this SAP to operate in. All MDAs can support four-priority mode, but not all MDAs can support sixteen-priority mode. |
| Displayed name | Scheduler Mode |
| OSS name | egressSchedulerMode |
| Read-only | no |
| Tab Panel | Schedulers Egress Scheduler |
| Type | SchedulerMode |

Scheduler Mode**Table 3-5507 Scheduler Mode**

| Name | Value |
|----------------|---|
| Default | yes:fourPriority |
| Description | Specifies the mode that the ingress scheduler is provisioned for this SAP to operate in. All MDAs can support four-priority mode, but not all MDAs can support sixteen-priority mode. |
| Displayed name | Scheduler Mode |
| OSS name | ingressSchedulerMode |
| Read-only | no |
| Tab Panel | Schedulers Ingress Scheduler |
| Type | SchedulerMode |

Service Description**Table 3-5508 Service Description**

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Service Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | serviceDescription |
| Read-only | yes |

Table 3-5508 Service Description (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General Service |
| Type | STRING |

Service ID**Table 3-5509 Service ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Service ID |
| OSS name | serviceId |
| Read-only | yes |
| Tab Panel | General Service |
| Type | LONG |

Service Name**Table 3-5510 Service Name**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Service Name |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | serviceName |
| Read-only | yes |
| Tab Panel | General Service |
| Type | STRING |

Service Type**Table 3-5511 Service Type**

| Name | Value |
|----------------|--------------|
| Default | yes:unknown |
| Displayed name | Service Type |

Table 3-5511 Service Type (continued)

| Name | Value |
|-------------|---------------------|
| OSS name | serviceType |
| Read-only | yes |
| Tab Panel | General General |
| Type | service.ServiceType |

SHCV Action**Table 3-5512 SHCV Action**

| Name | Value |
|----------------|--|
| Default | yes:alarm |
| Description | Specifies the action to be taken for hosts on this interface whose host connectivity checking fails. "Alarm" will raise an alarm indicating that a host is disconnected on this SAP. "Remove" will raise an alarm and remove the DHCP state and release allocated resources. |
| Displayed name | SHCV Action |
| OSS name | shcvAction |
| Read-only | no |
| Tab Panel | Host Connectivity SHCV |
| Type | service.ShcvAction |

SHCV Interval**Table 3-5513 SHCV Interval**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The default value depends whether the NE supports SHCV: if NE supports SHCV the default value is 10 minutes, otherwise is 0. The interval specifies the time, in minutes, within which hosts on a SAP should be verified. The interval starts for each host individually, when it is created. Dynamic and static hosts are treated in the same way. The actual rate depends on the number of known hosts and the interval. Interval value '0' means SHCV is administratively disabled. |
| Displayed name | SHCV Interval |
| Maximum | 6000 |
| Minimum | 0 |
| OSS name | shcvInterval |
| Read-only | no |
| Tab Panel | Host Connectivity SHCV |

Table 3-5513 SHCV Interval (continued)

| Name | Value |
|-------|---------|
| Type | INT |
| Units | minutes |

SHCV Retry Count**Table 3-5514 SHCV Retry Count**

| Name | Value |
|----------------|--|
| Default | yes:2 |
| Description | Specifies the number of connectivity check retransmissions. Setting the value to (n) specifies that, for any given host, at most (n+1) probes are done each interval, and (n+1) missed replies are considered as a connectivity failure. |
| Displayed name | SHCV Retry Count |
| Maximum | 29 |
| Minimum | 2 |
| OSS name | shcvRetryCount |
| Read-only | no |
| Tab Panel | Host Connectivity SHCV |
| Type | INT |

SHCV Retry Timeout**Table 3-5515 SHCV Retry Timeout**

| Name | Value |
|----------------|--|
| Default | yes:10 |
| Description | Specifies the timeout in seconds before a connectivity check retransmission. |
| Displayed name | SHCV Retry Timeout |
| Maximum | 60 |
| Minimum | 10 |
| OSS name | shcvRetryTimeout |
| Read-only | no |
| Tab Panel | Host Connectivity SHCV |
| Type | INT |
| Units | seconds |

SHCV Source IP Address

Table 3-5516 SHCV Source IP Address

| Name | Value |
|----------------|---|
| Default | yes:0.0.0.0 |
| Description | The IP address to be used as the source for the UC ARP packets. A source IP address of 0.0.0.0 is valid and will prevent the host installing the ARP entry. |
| Displayed name | SHCV Source IP Address |
| OSS name | shcvSourceIpAddress |
| Read-only | no |
| Tab Panel | Host Connectivity SHCV |
| Type | INETADDR |

SHCV Source MAC Address

Table 3-5517 SHCV Source MAC Address

| Name | Value |
|----------------|--|
| Default | yes:00-00-00-00-00-00 |
| Description | The MAC address to be used as the source for the UC ARP packets. If an all 0 MAC address is specified, the 7x50 will use the MAC address for the CPM known in the context of the VPLS service. |
| Displayed name | SHCV Source MAC Address |
| OSS name | shcvSourceMacAddress |
| Read-only | no |
| Tab Panel | Host Connectivity SHCV |
| Type | MACADDR |

Site ID

Table 3-5518 Site ID

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General General |

Table 3-5518 Site ID (continued)

| Name | Value |
|------|--------|
| Type | STRING |

Site ID**Table 3-5519 Site ID**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | nodeId |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Site Name**Table 3-5520 Site Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | nodeName |
| Read-only | yes |
| Tab Panel | General Site |
| Type | STRING |

Split Horizon Group Name**Table 3-5521 Split Horizon Group Name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Pointer to the Split Horizon Group Site. |
| Displayed name | Split Horizon Group Name |

Table 3-5521 Split Horizon Group Name (continued)

| Name | Value |
|-------------|-----------------------------|
| OSS name | shgSitePointer |
| Read-only | no |
| Tab Panel | General Split Horizon Group |
| Type | POINTER |

Squelch Ingress Level**Table 3-5522 Squelch Ingress Level**

| Name | Value |
|----------------|---|
| Default | yes:none |
| Description | Specifies the ETH-CFM level or levels that are silently discarded on ingress to the SAP. Any received ETH-CFM PDU matching a level that has been set will be dropped without regard for any other ETH-CFM criteria. |
| Displayed name | Squelch Ingress Level |
| OSS name | squelchIngressLevel |
| Read-only | no |
| Tab Panel | OAM.ETH-CFM Squelch Ingress Level |
| Type | ethernetoam.SquelchIngressLevelType |

State Cause**Table 3-5523 State Cause**

| Name | Value |
|----------------|---|
| Description | Specifies all the conditions that affect the operating status of this access interface. |
| Displayed name | State Cause |
| OSS name | operationalFlags |
| Read-only | yes |
| Tab Panel | General General |
| Type | service.SapOperFlags |

State Qualifier
Table 3-5524 State Qualifier

| Name | Value |
|----------------|---|
| Default | yes:OK |
| Description | This value is derived from underlyingResourceState and/or resourceState attributes. If the underlyingResourceState is not 'OK' and is not 'unspecified' the value of compositeState will be set to the same value as underlyingResourceState. Otherwise the value of compositeState will be set to the same value as resourceState. |
| Displayed name | State Qualifier |
| OSS name | compositeState |
| Read-only | yes |
| Tab Panel | General General |
| Type | ResourceCompositeState |

Subscriber Authentication Policy**Table 3-5525 Subscriber Authentication Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Defines which subscriber authentication policy must be applied when a DHCP msg is received on the interface. The authentication policies must be previously defined. The policy will only be applied when DHCP snooping is enabled. |
| Displayed name | Subscriber Authentication Policy |
| OSS name | subscrAuthPolicyPointer |
| Read-only | no |
| Tab Panel | General Subscriber Authentication Policy |
| Type | POINTER |

SVC Mgr Service ID**Table 3-5526 SVC Mgr Service ID**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | SVC Mgr Service ID |
| OSS name | svcComponentId |
| Read-only | yes |
| Tab Panel | General Service |

Table 3-5526 SVC Mgr Service ID (continued)

| Name | Value |
|------|-------|
| Type | LONG |

Terminated Port Class Name**Table 3-5527 Terminated Port Class Name**

| Name | Value |
|----------------|----------------------------|
| Default | yes: |
| Displayed name | Terminated Port Class Name |
| Maximum | 252 |
| OSS name | terminatedPortClassName |
| Read-only | yes |
| Tab Panel | Port General |
| Type | STRING |

Terminating Port**Table 3-5528 Terminating Port**

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Terminating Port |
| Maximum | 252 |
| OSS name | portPointer |
| Read-only | no |
| Tab Panel | Port General |
| Type | STRING |

Time of Day Suite**Table 3-5529 Time of Day Suite**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Pointer to the instance of the ToD Suite object. |
| Displayed name | Time of Day Suite |

Table 3-5529 Time of Day Suite (continued)

| Name | Value |
|-------------|-------------------|
| OSS name | todSuitePointer |
| Read-only | no |
| Tab Panel | TOD Suite General |
| Type | POINTER |

Transit Prefix Policy**Table 3-5530 Transit Prefix Policy**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies a pointer to the transit prefix policy to be associated with this SAP. The value must either be "" indicating an invalid transit prefix policy or the specified transit prefix policy needs to exist |
| Displayed name | Transit Prefix Policy |
| OSS name | transitPrefixPolicyPointer |
| Read-only | no |
| Tab Panel | Application Assurance.General General |
| Type | POINTER |

Transit SAP**Table 3-5531 Transit SAP**

| Name | Value |
|-----------------------|--------------|
| Default | yes:false |
| Displayed name | Transit SAP |
| Mandatory on creation | yes |
| OSS name | transitSap |
| Read-only | no |
| Tab Panel | Port General |
| Type | BOOL |

Translation**Table 3-5532 Translation**

| Name | Value |
|----------------|---|
| Default | yes:None |
| Description | Specifies the desired Ingress Vlan Translation. It only applies to EPIPE service. |
| Displayed name | Translation |
| OSS name | vlanTranslation |
| Read-only | no |
| Tab Panel | Port VLAN Translation |
| Type | INT |

Translation ID**Table 3-5533 Translation ID**

| Name | Value |
|----------------|--|
| Default | yes:-1 |
| Description | Specifies the VLAN id to be used to overwrite the preserved VLAN id in the packet. It only applies to EPIPE service. |
| Displayed name | Translation ID |
| Maximum | 4094 |
| Minimum | -1 |
| OSS name | vlanTranslationId |
| Read-only | no |
| Tab Panel | Port VLAN Translation |
| Type | LONG |

Trust Mode**Table 3-5534 Trust Mode**

| Name | Value |
|----------------|--------------|
| Default | yes:true |
| Displayed name | Trust Mode |
| OSS name | trustMode |
| Read-only | no |
| Tab Panel | Port General |

Table 3-5534 Trust Mode (continued)

| Name | Value |
|------|-------|
| Type | BOOL |

Tunnel Fault Notification

Table 3-5535 Tunnel Fault Notification

| Name | Value |
|----------------|--|
| Default | yes:accept |
| Description | The value of tunnelFaultNotification specifies whether the SAP will 'accept' CFM fault notifications from a Tunnel MEP and process the notifications (i.e. do fault handling and/or fault propagation), or 'ignore' the notification. Both TIMETRA-SERV-MIB::svcEthCfmTunnelFaultNotification and this object MUST be set to 'accept' for the SAP to process the notification. The value 'notApplicable' is used by the system to represent a SAP which supports ETH-CFM, but not this object. |
| Displayed name | Tunnel Fault Notification |
| OSS name | tunnelFaultNotification |
| Read-only | no |
| Tab Panel | OAM.ETH-CFM Facility MEPs |
| Type | service.TunnelFaultNotificationType |

Underlying Port State

Table 3-5536 Underlying Port State

| Name | Value |
|----------------|---|
| Default | yes:noAssociation |
| Description | State of the underlying resource. (An underlying resource is for example a netw.ConnectionTerminationPoint) |
| Displayed name | Underlying Port State |
| OSS name | underlyingResourceState |
| Read-only | yes |
| Tab Panel | Port General |
| Type | UnderlyingResourceState |

Use as Test Source
Table 3-5537 Use as Test Source

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Specifies if Test Suite Generation should use this MEP as a CFM test source (Originating MEP in test) |
| Displayed name | Use as Test Source |
| OSS name | testSource |
| Read-only | no |
| Tab Panel | OAM.Configuration testOptions |
| Type | BOOL |

Use as Test Target**Table 3-5538 Use as Test Target**

| Name | Value |
|----------------|--|
| Default | yes:true |
| Description | Specifies if Test Suite Generation should use this MEP as a CFM test target (Target Mac Address in test) |
| Displayed name | Use as Test Target |
| OSS name | testTarget |
| Read-only | no |
| Tab Panel | OAM.Configuration testOptions |
| Type | BOOL |

Use Multipoint Shared Queue**Table 3-5539 Use Multipoint Shared Queue**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:false |
| Displayed name | Use Multipoint Shared Queue |
| OSS name | usesMultipointShared |
| Read-only | no |
| Tab Panel | QoS Shared Queue |
| Type | generic.TruthValue |

Use Shared Queue

Table 3-5540 Use Shared Queue

| Name | Value |
|----------------|------------------|
| Default | yes:false |
| Displayed name | Use Shared Queue |
| OSS name | sharedQueueOn |
| Read-only | no |
| Tab Panel | QoS Shared Queue |
| Type | BOOL |

VLAN Range SAP

Table 3-5541 VLAN Range SAP

| Name | Value |
|-----------------------|---|
| Default | yes:false |
| Description | Specifies, when enabled, that the configured SAP is a VLAN Range SAP. |
| Displayed name | VLAN Range SAP |
| Mandatory on creation | yes |
| OSS name | vlanRangeSap |
| Read-only | no |
| Tab Panel | Port General |
| Type | BOOL |

WRR Policy

Table 3-5542 WRR Policy

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | HSMDA WRR Policy is the Weighted Round Robin (WRR) policy |
| Displayed name | WRR Policy |
| OSS name | hsmdaEgrQosWrrPleyOvrd |
| Read-only | no |
| Tab Panel | QoS Egress HSMDA Override |
| Type | POINTER |

VPLS Site parameters

Account Session ID

Table 3-5543 Account Session ID

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Account Session ID |
| OSS name | acctSessionId |
| Read-only | yes |
| Tab Panel | General Auto-Creation |
| Type | STRING |

Account Session ID (Control)

Table 3-5544 Account Session ID (Control)

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Account Session ID (Control) |
| OSS name | acctSessionIdCtrl |
| Read-only | yes |
| Tab Panel | General Auto-Creation |
| Type | STRING |

Administrative State

Table 3-5545 Administrative State

| Name | Value |
|--------------------------|--|
| Default | yes:down |
| Description | The administrative state of the BGP-AD on this VPLS site instance. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | BGP.General BGP AD |
| Type | RadiusDiscoveryAdminState |
| Enumerated types: | |

Table 3-5545 Administrative State (continued)

| Name | Value |
|------|-------|
| Down | |
| Up | |

Administrative State**Table 3-5546 Administrative State**

| Name | Value |
|--------------------------|--|
| Default | yes:down |
| Description | The administrative state of the BGP-VPLS on the VSI. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | BGP.General BGP VPLS |
| Type | RadiusDiscoveryAdminState |
| Enumerated types: | |
| Down | |
| Up | |

Administrative State**Table 3-5547 Administrative State**

| Name | Value |
|----------------|---|
| Default | yes:serviceUp |
| Description | The administrative state of the service site. |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General General |
| Type | netw.AdministrativeState |

Administrative State
Table 3-5548 Administrative State

| Name | Value |
|----------------|--|
| Default | yes:tmnxOutOfService |
| Description | Specifies the administrative state of the inclusive provider tunnel in this service. |
| Displayed name | Administrative State |
| OSS name | iPmsiAdministrativeState |
| Read-only | no |
| Tab Panel | Provider Tunnel Inclusive Provider Tunnel |
| Type | netw.AdministrativeState |

Administrative State**Table 3-5549 Administrative State**

| Name | Value |
|--------------------------|--|
| Default | yes:down |
| Description | Specifies whether RADIUS auto-discovery is enabled on this service. If RADIUS auto-discovery is enabled, the spoke/mesh sdp binding can not be manually created on this service. |
| Displayed name | Administrative State |
| OSS name | radiusDiscoveryAdminState |
| Read-only | yes |
| Tab Panel | Auto Discovery.General RADIUS |
| Type | RadiusDiscoveryAdminState |
| Enumerated types: | |
| Down | |
| Up | |

Advertise IP Routes**Table 3-5550 Advertise IP Routes**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether IP Routes will be advertised by BGP EVPN or not. |
| Displayed name | Advertise IP Routes |

Table 3-5550 Advertise IP Routes (continued)

| Name | Value |
|-------------|-----------------------------|
| OSS name | bgpEvpnIpRouteAdvertisement |
| Read-only | no |
| Tab Panel | BGP.EVPN bgpEvpn |
| Type | generic.TruthValue |

Allow L2Pt Xstp BPDU**Table 3-5551 Allow L2Pt Xstp BPDU**

| Name | Value |
|--------------------------|---|
| Default | yes:unspecified |
| Description | Specifies whether 802.1D STP Layer 2 protocol termination BPDUs are enabled on the site or not. |
| Displayed name | Allow L2Pt Xstp BPDU |
| Mandatory on creation | yes |
| OSS name | svcAllowL2ptXstpBpdu |
| Read-only | no |
| Tab Panel | General General |
| Type | L2PtXstpBpduType |
| Enumerated types: | |
| Disabled | |
| Enabled | |

Auto Route Distinguisher**Table 3-5552 Auto Route Distinguisher**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies that the SR system will automatically select a value for the route-distinguisher |
| Displayed name | Auto Route Distinguisher |
| OSS name | autoRD |
| Read-only | no |
| Tab Panel | BGP.General BGP |
| Type | generic.TruthValue |

Creation Mode**Table 3-5553 Creation Mode**

| Name | Value |
|-----------------------|--|
| Default | yes:manual |
| Description | Indicates the protocol or mechanism which created this site. |
| Displayed name | Creation Mode |
| Mandatory on creation | yes |
| OSS name | creationOrigin |
| Read-only | no |
| Tab Panel | General Auto-Creation |
| Type | svt.L2RouteOriginType |

Customer ID**Table 3-5554 Customer ID**

| Name | Value |
|----------------|------------------|
| Default | yes:1 |
| Displayed name | Customer ID |
| OSS name | subscriberId |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | LONG |

Customer Name**Table 3-5555 Customer Name**

| Name | Value |
|----------------|------------------|
| Default | yes: |
| Displayed name | Customer Name |
| Maximum | 32 |
| OSS name | subscriberName |
| Read-only | yes |
| Tab Panel | General Customer |
| Type | STRING |

Customer VID
Table 3-5556 Customer VID

| Name | Value |
|-----------------------|---|
| Default | yes:0 |
| Description | This attribute is a property of 7210 SAS nodes. |
| Displayed name | Customer VID |
| Mandatory on creation | yes |
| Maximum | 4094 |
| Minimum | 0 |
| OSS name | svcCustomerVcId |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Data Delay Interval**Table 3-5557 Data Delay Interval**

| Name | Value |
|----------------|---|
| Default | yes:15 |
| Description | Specifies the data delay interval associated for the inclusive provider tunnel in this service. |
| Displayed name | Data Delay Interval |
| Maximum | 180 |
| Minimum | 3 |
| OSS name | iPmsiDataDelayInterval |
| Read-only | no |
| Tab Panel | Provider Tunnel Inclusive Provider Tunnel |
| Type | INT |
| Units | seconds |

Default Gateway IP Address**Table 3-5558 Default Gateway IP Address**

| Name | Value |
|---------|-------------|
| Default | yes:0.0.0.0 |

Table 3-5558 Default Gateway IP Address (continued)

| Name | Value |
|----------------|--|
| Description | Specifies the default gateway IP address used in multi-chassis operation associated with this TLS service. |
| Displayed name | Default Gateway IP Address |
| OSS name | defaultGatewayIpAddr |
| Read-only | no |
| Tab Panel | Default Gateway General |
| Type | INETADDR |

Default Gateway MAC Address**Table 3-5559 Default Gateway MAC Address**

| Name | Value |
|----------------|---|
| Default | yes:00-00-00-00-00-00 |
| Description | Specifies the type of default gateway MAC address used in multi-chassis operation associated with this TLS service. |
| Displayed name | Default Gateway MAC Address |
| OSS name | defaultGatewayMacAddr |
| Read-only | no |
| Tab Panel | Default Gateway General |
| Type | MACADDR |

Default Mesh VC ID**Table 3-5560 Default Mesh VC ID**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The virtual circuit identifier. For VPLS/MVPLS services on 7750/7450/7710-family nodes, it inherits the value of the default Mesh VC ID from the VPLS/MVPLS service component and the value is used for Mesh SDP Bindings. For 7250 nodes, it is the VC ID used for spoke SDP Bindings. |
| Displayed name | Default Mesh VC ID |
| Maximum | 4294967295 |
| Minimum | 0 |
| OSS name | vcId |
| Read-only | no |

Table 3-5560 Default Mesh VC ID (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | LONG |

Description**Table 3-5561 Description**

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 80 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Dynamic Service Policy**Table 3-5562 Dynamic Service Policy**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Identifies the Dynamic Service Policy used to create this service. |
| Displayed name | Dynamic Service Policy |
| OSS name | dynamicServicePolicyPointer |
| Read-only | yes |
| Tab Panel | General Auto-Creation |
| Type | POINTER |

Enable BGP**Table 3-5563 Enable BGP**

| Name | Value |
|---------|-----------|
| Default | yes:false |

Table 3-5563 Enable BGP (continued)

| Name | Value |
|----------------|---|
| Description | Specifies whether BGP is enabled on this site. Note: Before SR 10.0, BGP is enabled by default on the node with vpls Site creation. After 10.0, BGP needs to be manually enabled on the node under vpls Site. |
| Displayed name | Enable BGP |
| OSS name | bgpEnabled |
| Read-only | no |
| Tab Panel | BGP.General General |
| Type | BOOL |

Enable BGP AD**Table 3-5564 Enable BGP AD**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether BGP AD is enabled on this site. |
| Displayed name | Enable BGP AD |
| OSS name | bgpAdEnabled |
| Read-only | no |
| Tab Panel | BGP.General General |
| Type | BOOL |

Enable BGP EVPN**Table 3-5565 Enable BGP EVPN**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether BGP EVPN is enabled on this site. |
| Displayed name | Enable BGP EVPN |
| OSS name | bgpEvpnEnabled |
| Read-only | no |
| Tab Panel | BGP.EVPN General |
| Type | BOOL |

Enable BGP VPLS**Table 3-5566 Enable BGP VPLS**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether BGP VPLS is enabled on this site. |
| Displayed name | Enable BGP VPLS |
| OSS name | bgpVplsEnabled |
| Read-only | no |
| Tab Panel | BGP.General General |
| Type | BOOL |

Enable IP Interface Binding**Table 3-5567 Enable IP Interface Binding**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Indicates whether to allow IP interface binding on this service site. |
| Displayed name | Enable IP Interface Binding |
| OSS name | enableIpItfBinding |
| Read-only | no |
| Tab Panel | General Routed VPLS |
| Type | BOOL |

Enable MC-LAG Binding**Table 3-5568 Enable MC-LAG Binding**

| Name | Value |
|----------------|------------------------------|
| Default | yes:false |
| Displayed name | Enable MC-LAG Binding |
| OSS name | mclagBinding |
| Read-only | no |
| Tab Panel | General MC-LAG configuration |
| Type | BOOL |

Enable MTU Check
Table 3-5569 Enable MTU Check

| Name | Value |
|----------------|------------------|
| Default | yes:true |
| Displayed name | Enable MTU Check |
| OSS name | mtuCheck |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Enable Provider Tunnel**Table 3-5570 Enable Provider Tunnel**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether provider tunnel is enabled on this site. |
| Displayed name | Enable Provider Tunnel |
| OSS name | providerTunnelEnabled |
| Read-only | no |
| Tab Panel | Provider Tunnel General |
| Type | BOOL |

ETree Enabled**Table 3-5571 ETree Enabled**

| Name | Value |
|-----------------------|--|
| Default | yes:false |
| Description | Specifies whether VPLS is ETREE enabled. |
| Displayed name | ETree Enabled |
| Mandatory on creation | yes |
| OSS name | eTreeEnabled |
| Read-only | no |
| Tab Panel | General ETree |
| Type | BOOL |

Formatted VSI ID Prefix
Table 3-5572 Formatted VSI ID Prefix

| Name | Value |
|----------------|--|
| Default | yes:0.0.0.0 |
| Description | The value of the VSI ID Prefix but in an IP format for better readability. |
| Displayed name | Formatted VSI ID Prefix |
| OSS name | vsiIdPrefixIpFormat |
| Read-only | no |
| Tab Panel | BGP.General BGP AD |
| Type | INETADDR |

Global Service VPLS ID**Table 3-5573 Global Service VPLS ID**

| Name | Value |
|----------------|--|
| Default | yes:0:0 |
| Description | The VPLS-ID of this VPLS Instance is BGP-AD is supported. This value will be used to uniquely identify this service. This attribute will could be displayed on the GUI if the use enables BGP-AD at the site level. This step has to be done manually at each instance site level. This value will be taken from the SAM service object. |
| Displayed name | Global Service VPLS ID |
| Maximum | 32 |
| Minimum | 3 |
| OSS name | vplsId |
| Read-only | yes |
| Tab Panel | BGP.General BGP AD Service Identification |
| Type | STRING |

GSMP Administrative State**Table 3-5574 GSMP Administrative State**

| Name | Value |
|----------------|---------------------------|
| Default | yes:disabled |
| Displayed name | GSMP Administrative State |
| OSS name | gsmpAdministrativeState |
| Read-only | no |

Table 3-5574 GSMP Administrative State (continued)

| Name | Value |
|--------------------------|----------------|
| Tab Panel | General GSMP |
| Type | GsmpAdminState |
| Enumerated types: | |
| Disabled | |
| Enabled | |

Has Tagged SAPs**Table 3-5575 Has Tagged SAPs**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | A flag indicates whether there is any etree tagged SAPs in this VPLS Site |
| Displayed name | Has Tagged SAPs |
| OSS name | includeEtreeTaggedSap |
| Read-only | yes |
| Tab Panel | General ETree |
| Type | BOOL |

Has Tagged SDPs**Table 3-5576 Has Tagged SDPs**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | A flag indicates whether there is any etree tagged SDP in this VPLS site |
| Displayed name | Has Tagged SDPs |
| OSS name | includeEtreeTaggedSdp |
| Read-only | yes |
| Tab Panel | General ETree |
| Type | BOOL |

High Watermark

Table 3-5577 High Watermark

| Name | Value |
|----------------|------------------------------|
| Default | yes:95 |
| Displayed name | High Watermark |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | mfibTableHighWatermark |
| Read-only | no |
| Tab Panel | Forwarding Control.MFIB MFIB |
| Type | LONG |
| Units | % |

Ingress Info Policy

Table 3-5578 Ingress Info Policy

| Name | Value |
|----------------|--|
| Default | yes:Multicast PathMgmt Info Policy:default |
| Description | Pointer to the instance of the multicast Ingress PathMgmt Info policy. |
| Displayed name | Ingress Info Policy |
| OSS name | ingrPathMgmtPolicyPointer |
| Read-only | no |
| Tab Panel | Multicast.Mcast Path Mgmt.General Info Policy |
| Type | POINTER |

L3 IP Interface

Table 3-5579 L3 IP Interface

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | L3 IP Interface |
| OSS name | ipInterfacePointer |
| Read-only | yes |
| Tab Panel | General Routed VPLS |
| Type | POINTER |

Low Watermark
Table 3-5580 Low Watermark

| Name | Value |
|----------------|------------------------------|
| Default | yes:90 |
| Displayed name | Low Watermark |
| Maximum | 100 |
| Minimum | 0 |
| OSS name | mfibTableLowWatermark |
| Read-only | no |
| Tab Panel | Forwarding Control.MFIB MFIB |
| Type | LONG |
| Units | % |

LSP Name**Table 3-5581 LSP Name**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Indicates the LSP name used for signalling inclusive provider tunnel in this service. |
| Displayed name | LSP Name |
| OSS name | iPmsiLspName |
| Read-only | yes |
| Tab Panel | Provider Tunnel Inclusive Provider Tunnel |
| Type | STRING |

LSP Template**Table 3-5582 LSP Template**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the name of the LSP template to be used for signalling inclusive provider tunnel in this service. |
| Displayed name | LSP Template |
| OSS name | iPmsiLspTemplatePointer |
| Read-only | no |

Table 3-5582 LSP Template (continued)

| Name | Value |
|-------------|---|
| Tab Panel | Provider Tunnel Inclusive Provider Tunnel |
| Type | POINTER |

MAC Advertisement**Table 3-5583 MAC Advertisement**

| Name | Value |
|----------------|--|
| Default | yes:true |
| Description | Specifies whether all the non BGP EVPN macs will be advertised to BGP or not |
| Displayed name | MAC Advertisement |
| OSS name | bgpEvpnMacAdvertisement |
| Read-only | no |
| Tab Panel | BGP.EVPN bgpEvpn |
| Type | generic.TruthValue |

MAC Duplication Detect Number Of Moves**Table 3-5584 MAC Duplication Detect Number Of Moves**

| Name | Value |
|----------------|--|
| Default | yes:5 |
| Description | Specifies number of moves with in bgpEvpnMacDupDetWindow between evpn and non-evpn destinations above which a MAC is considered duplicate. This can be due to loops, incorrect configuration in the network etc. |
| Displayed name | MAC Duplication Detect Number Of Moves |
| Maximum | 10 |
| Minimum | 3 |
| OSS name | bgpEvpnMacDupDetNumMoves |
| Read-only | no |
| Tab Panel | BGP.EVPN bgpEvpn |
| Type | INT |

MAC Duplication Detect Window
Table 3-5585 MAC Duplication Detect Window

| Name | Value |
|----------------|--|
| Default | yes:3 |
| Description | Specifies the length of the window in minutes. |
| Displayed name | MAC Duplication Detect Window |
| Maximum | 15 |
| Minimum | 1 |
| OSS name | bgpEvpnMacDupDetWindow |
| Read-only | no |
| Tab Panel | BGP.EVPN bgpEvpn |
| Type | INT |
| Units | minutes |

MAC Duplication Retry**Table 3-5586 MAC Duplication Retry**

| Name | Value |
|----------------|--|
| Default | yes:9 |
| Description | Indicates the hold down time in minutes. This value is expected to be equal to or more than two times that of bgpEvpnMacDupDetWindow. If bgpEvpnMacDupDetRetry is set to its default value, this implies that once a duplicate MAC is detected, until a user intervenes or a network event (MAC flush) occurs, updates for that MAC will be held down. In the absence of the above mentioned events, MAC duplication detection will be tried again after bgpEvpnMacDupDetRetry time. This value is expected to be either 0 (= no auto retry) or equal to more than two times that of bgpEvpnMacDupDetWindow. |
| Displayed name | MAC Duplication Retry |
| Maximum | 60 |
| Minimum | 0 |
| OSS name | bgpEvpnMacDupDetRetry |
| Read-only | no |
| Tab Panel | BGP.EVPN bgpEvpn |
| Type | INT |
| Units | minutes |

Max VE ID**Table 3-5587 Max VE ID**

| Name | Value |
|----------------|--|
| Default | yes:65535 |
| Description | Specifies the allowed range for the veId value: locally configured and received in a NLRI. Configuration of a veId higher than the value specified in this command is not allowed. Valid values are from 0 to 65535, 0 means disabled. |
| Displayed name | Max VE ID |
| Maximum | 65535 |
| Minimum | 0 |
| OSS name | maxVeId |
| Read-only | no |
| Tab Panel | BGP.General BGP VPLS |
| Type | INT |

Modified for Throughput Test**Table 3-5588 Modified for Throughput Test**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Indicates whether the service site is modified for the service throughput test. |
| Displayed name | Modified for Throughput Test |
| OSS name | mfThroughputTest |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Monitor Access Interface Operational State**Table 3-5589 Monitor Access Interface Operational State**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Monitor Access Interface Operational State |
| OSS name | monitorAccessInterfaceOper |
| Read-only | no |

Table 3-5589 Monitor Access Interface Operational State (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | BOOL |

MTU**Table 3-5590 MTU**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The maximum transfer unit of this site. |
| Displayed name | MTU |
| Maximum | 9194 |
| Minimum | 0 |
| OSS name | mtu |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Name**Table 3-5591 Name**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the Name of the Service Site. It cannot be set to only spaces. Setting to "", "N/A", or "n/a" after creation, will clear Site Name from the node and SAM GUI will display "N/A". |
| Displayed name | Name |
| Maximum | 64 |
| Minimum | 0 |
| OSS name | displayName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Number Of Duplicate MAC addresses
Table 3-5592 Number Of Duplicate MAC addresses

| Name | Value |
|----------------|--|
| Description | Indicates the number of duplicate MAC addresses in BGP-EVPN in a VPLS service context. |
| Displayed name | Number Of Duplicate MAC addresses |
| OSS name | bgpEvpnMacDupDetNumDups |
| Read-only | yes |
| Tab Panel | BGP.EVPN bgpEvpn |
| Type | LONG |

Number of SAPs**Table 3-5593 Number of SAPs**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The number of access interfaces directly connected to this site. |
| Displayed name | Number of SAPs |
| OSS name | numberOfAccessInterfaces |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

Operational Route Distinguisher**Table 3-5594 Operational Route Distinguisher**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Indicates the route distinguisher value in use by the system for this service. |
| Displayed name | Operational Route Distinguisher |
| OSS name | operationalRD |
| Read-only | yes |
| Tab Panel | BGP.General BGP |
| Type | STRING |

Operational State
Table 3-5595 Operational State

| Name | Value |
|----------------|--|
| Default | yes:unknown |
| Description | The operational status of this service site. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General General |
| Type | netw.OperationalState |

Per Service Hashing for LAG Enabled**Table 3-5596 Per Service Hashing for LAG Enabled**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | The value of PerSvcHashing specifies service-level hashing for Ethernet services. |
| Displayed name | Per Service Hashing for LAG Enabled |
| OSS name | perServiceHashing |
| Read-only | no |
| Tab Panel | General Load Balancing |
| Type | BOOL |

Pim Snooping Enabled**Table 3-5597 Pim Snooping Enabled**

| Name | Value |
|----------------|----------------------|
| Default | yes:false |
| Displayed name | Pim Snooping Enabled |
| OSS name | pimSnpgEnabled |
| Read-only | no |
| Tab Panel | General Pim Snooping |
| Type | BOOL |

PPPoE Circuit Id
Table 3-5598 PPPoE Circuit Id

| Name | Value |
|----------------|------------------|
| Default | yes:false |
| Displayed name | PPPoE Circuit Id |
| OSS name | pppoeCircuitId |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Role**Table 3-5599 Role**

| Name | Value |
|----------------|--|
| Default | yes:hub |
| Description | Specifies if Test Suite Generation should use this Site/ Virtual MEP as a Hub or Spoke (Hubs target Hubs and Spokes, Spoke can only target Hubs) |
| Displayed name | Role |
| OSS name | testRole |
| Read-only | no |
| Tab Panel | OAM.Configuration testOptions |
| Type | sas.TestedObjectRole |

Root And Leaf**Table 3-5600 Root And Leaf**

| Name | Value |
|----------------|---|
| Default | yes:false |
| Description | Specifies whether the node acts as both a root and leaf or only act as a leaf for P2MP LSP. |
| Displayed name | Root And Leaf |
| OSS name | iPmsiRootAndLeaf |
| Read-only | no |
| Tab Panel | Provider Tunnel Inclusive Provider Tunnel |
| Type | BOOL |

Route Distinguisher

Table 3-5601 Route Distinguisher

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | The RD will be signaled in the MPBGP NLRI for L2VPN AFI. It is used for service routing, e.g. BGP Multi-Homing for VPLS and Epipe, BGP AD and BGP VPLS. Values and format (6 bytes, other 2 bytes of type will be automatically generated) [ip-addr:comm-val] or [as-number:ext-comm-val] |
| Displayed name | Route Distinguisher |
| Maximum | 32 |
| Minimum | 3 |
| OSS name | routeDistinguisher |
| Read-only | no |
| Tab Panel | BGP.General BGP |
| Type | STRING |

RVPLS

Table 3-5602 RVPLS

| Name | Value |
|-----------------------|---|
| Default | yes:false |
| Description | This attribute is a property of 7210 SAS M/X/R nodes. |
| Displayed name | RVPLS |
| Mandatory on creation | yes |
| OSS name | rvplsEnabled |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

SAP Type

Table 3-5603 SAP Type

| Name | Value |
|-------------|---|
| Default | yes:nullStar |
| Description | Specifies the type of SAPs which can be configured on the service site. The SAP type determines the encapsulation type (tagging behavior) for packets processed on the SAP. |

Table 3-5603 SAP Type (continued)

| Name | Value |
|--------------------------|-----------------|
| Displayed name | SAP Type |
| Mandatory on creation | yes |
| OSS name | svcSapType |
| Read-only | no |
| Tab Panel | General General |
| Type | SapType |
| Enumerated types: | |
| any | |
| dot1q | |
| dot1q-preserve | |
| dot1q-range | |
| null-star | |

Service ID**Table 3-5604 Service ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Service ID |
| OSS name | serviceId |
| Read-only | yes |
| Tab Panel | General Service |
| Type | LONG |

Service Name**Table 3-5605 Service Name**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Service Name |
| Maximum | 64 |
| OSS name | serviceName |
| Read-only | yes |

Table 3-5605 Service Name (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General Service |
| Type | STRING |

SHCV Action**Table 3-5606 SHCV Action**

| Name | Value |
|----------------|--|
| Default | yes:alarm |
| Description | Specifies the action to be taken for hosts on this interface whose host connectivity checking fails. "Alarm" will raise an alarm indicating that a host is disconnected on this SAP. "Remove" will raise an alarm and remove the DHCP state and release allocated resources. |
| Displayed name | SHCV Action |
| OSS name | shcvAction |
| Read-only | no |
| Tab Panel | Host Connectivity SHCV |
| Type | service.ShcvAction |

SHCV Interval**Table 3-5607 SHCV Interval**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | The default value depends whether the NE supports SHCV: if NE supports SHCV the default value is 10 minutes, otherwise is 0. The interval specifies the time, in minutes, within which hosts on a SAP should be verified. The interval starts for each host individually, when it is created. Dynamic and static hosts are treated in the same way. The actual rate depends on the number of known hosts and the interval. Interval value '0' means SHCV is administratively disabled. |
| Displayed name | SHCV Interval |
| Maximum | 6000 |
| Minimum | 0 |
| OSS name | shcvInterval |
| Read-only | no |
| Tab Panel | Host Connectivity SHCV |
| Type | INT |
| Units | minutes |

SHCV Retry Count
Table 3-5608 SHCV Retry Count

| Name | Value |
|----------------|--|
| Default | yes:2 |
| Description | Specifies the number of connectivity check retransmissions. Setting the value to (n) specifies that, for any given host, at most (n+1) probes are done each interval, and (n+1) missed replies are considered as a connectivity failure. |
| Displayed name | SHCV Retry Count |
| Maximum | 29 |
| Minimum | 2 |
| OSS name | shcvRetryCount |
| Read-only | no |
| Tab Panel | Host Connectivity SHCV |
| Type | INT |

SHCV Retry Timeout**Table 3-5609 SHCV Retry Timeout**

| Name | Value |
|----------------|--|
| Default | yes:10 |
| Description | Specifies the timeout in seconds before a connectivity check retransmission. |
| Displayed name | SHCV Retry Timeout |
| Maximum | 60 |
| Minimum | 10 |
| OSS name | shcvRetryTimeout |
| Read-only | no |
| Tab Panel | Host Connectivity SHCV |
| Type | INT |
| Units | seconds |

SHCV Source IP Address**Table 3-5610 SHCV Source IP Address**

| Name | Value |
|---------|-------------|
| Default | yes:0.0.0.0 |

Table 3-5610 SHCV Source IP Address (continued)

| Name | Value |
|----------------|---|
| Description | The IP address to be used as the source for the UC ARP packets. A source IP address of 0.0.0.0 is valid and will prevent the host installing the ARP entry. |
| Displayed name | SHCV Source IP Address |
| OSS name | shcvSourceIpAddress |
| Read-only | no |
| Tab Panel | Host Connectivity SHCV |
| Type | INETADDR |

SHCV Source MAC Address**Table 3-5611 SHCV Source MAC Address**

| Name | Value |
|----------------|--|
| Default | yes:00-00-00-00-00-00 |
| Description | The MAC address to be used as the source for the UC ARP packets. If an all 0 MAC address is specified, the 7x50 will use the MAC address for the CPM known in the context of the VPLS service. |
| Displayed name | SHCV Source MAC Address |
| OSS name | shcvSourceMacAddress |
| Read-only | no |
| Tab Panel | Host Connectivity SHCV |
| Type | MACADDR |

SPI Load Balancing**Table 3-5612 SPI Load Balancing**

| Name | Value |
|----------------|--|
| Default | yes:disabled |
| Description | Specifies specifies whether SPI use in hashing is enabled on this service. |
| Displayed name | SPI Load Balancing |
| OSS name | spiLoadBalancing |
| Read-only | no |
| Tab Panel | General Load Balancing |
| Type | generic.EnabledDisabled |

State Cause
Table 3-5613 State Cause

| Name | Value |
|----------------|--|
| Description | Specifies all the conditions that affect the operating status of this service. |
| Displayed name | State Cause |
| OSS name | operationalFlags |
| Read-only | yes |
| Tab Panel | General General |
| Type | SiteOperFlags |

SVC Mgr Service ID**Table 3-5614 SVC Mgr Service ID**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | SVC Mgr Service ID |
| OSS name | svcComponentId |
| Read-only | yes |
| Tab Panel | General Service |
| Type | LONG |

Switch Name**Table 3-5615 Switch Name**

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | On 1830 PSS nodes, new cards like 11QPE24 supports E-LAN (VPLS) and later E-Line (VLL); other cards will follow. All of these cards support the SR-OS object model and behave similar to 7210 nodes. This object represents a service object on a given a site and card. This attribute is a pointer to the card model object. |
| Displayed name | Switch Name |
| Mandatory on creation | yes |
| OSS name | ethernetSwitchCardPointer |
| Read-only | no |
| Tab Panel | General Network Element |
| Type | POINTER |

System ID
Table 3-5616 System ID

| Name | Value |
|-----------------------|-------------------------|
| Default | yes:0.0.0.0 |
| Displayed name | System ID |
| Mandatory on creation | yes |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General Network Element |
| Type | INETADDR |

Table Size**Table 3-5617 Table Size**

| Name | Value |
|----------------|------------------------------|
| Default | yes:0 |
| Displayed name | Table Size |
| Maximum | 16383 |
| Minimum | 0 |
| OSS name | mfibTableSize |
| Read-only | no |
| Tab Panel | Forwarding Control.MFIB MFIB |
| Type | LONG |
| Units | entries |

Tunnel Fault Notification**Table 3-5618 Tunnel Fault Notification**

| Name | Value |
|----------------|---|
| Default | yes:ignore |
| Description | "The value of tunnelFaultNotification specifies whether the service will 'accept' CFM fault notification from a Tunnel MEP and process the notification (i.e. do fault handling and/or fault propagation), or 'ignore' the notification. Both TIMETRA-SAP-MIB::sapEthCfmTunnelFaultNotification and this object MUST be set to 'accept' for an individual SAP to process the notification." |
| Displayed name | Tunnel Fault Notification |

Table 3-5618 Tunnel Fault Notification (continued)

| Name | Value |
|-------------|-------------------------------------|
| OSS name | tunnelFaultNotification |
| Read-only | no |
| Tab Panel | OAM.ETH-CFM Facility MEPs |
| Type | service.TunnelFaultNotificationType |

Type**Table 3-5619 Type**

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | Specifies the type of protocol supported for the inclusive provider tunnel in this service. |
| Displayed name | Type |
| OSS name | iPmsiType |
| Read-only | no |
| Tab Panel | Provider Tunnel Inclusive Provider Tunnel |
| Type | IPmsiTypeOption |
| Enumerated types: | |
| | mLDP |
| | None |
| | RSVP |

Unknown MAC Route**Table 3-5620 Unknown MAC Route**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Description | Specifies whether the default mac will be advertised to BGP or not. When the value of bgpEvpnMacAdvDefaultRoute is true, only the Default-mac is advertised. |
| Displayed name | Unknown MAC Route |
| OSS name | bgpEvpnMacAdvDefaultRoute |
| Read-only | no |
| Tab Panel | BGP.EVPN bgpEvpn |
| Type | generic.TruthValue |

Use as Test Source
Table 3-5621 Use as Test Source

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Specifies if Test Suite Generation should use this Site/Virtual MEP as a test source (Originating Site/MEP in test) |
| Displayed name | Use as Test Source |
| OSS name | testSource |
| Read-only | no |
| Tab Panel | OAM.Configuration testOptions |
| Type | BOOL |

Use as Test Target**Table 3-5622 Use as Test Target**

| Name | Value |
|----------------|--|
| Default | yes:true |
| Description | Specifies if Test Suite Generation should use this Site/Virtual MEP as a test target (Target Site/MEP in test) |
| Displayed name | Use as Test Target |
| OSS name | testTarget |
| Read-only | no |
| Tab Panel | OAM.Configuration testOptions |
| Type | BOOL |

VE ID**Table 3-5623 VE ID**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | Specifies the VE ID value for this BGP VPLS site. The VE ID is advertised by BGP update message as part of NLRI and used to calculate the pseudowire label to other VPLS members. It should be unique within a VPLS, except for multi-home scenario. For more information, please refer to RFC4761. Valid values are from 0 to 65535, 0 means disabled. |
| Displayed name | VE ID |
| Maximum | 65535 |
| Minimum | 0 |

Table 3-5623 VE ID (continued)

| Name | Value |
|-------------|----------------------|
| OSS name | veId |
| Read-only | no |
| Tab Panel | BGP.General BGP VPLS |
| Type | INT |

VE Name**Table 3-5624 VE Name**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies a name for this BGP VPLS instance under the VPLS. |
| Displayed name | VE Name |
| Maximum | 32 |
| Minimum | 0 |
| OSS name | veName |
| Read-only | no |
| Tab Panel | BGP.General BGP VPLS |
| Type | STRING |

VPLS ID**Table 3-5625 VPLS ID**

| Name | Value |
|----------------|---|
| Default | yes:0:0 |
| Description | The vplsId value but in a CLI readable format. [ip-addr:comm-val] or [as-number:ext-comm-val] |
| Displayed name | VPLS ID |
| Maximum | 32 |
| Minimum | 3 |
| OSS name | vplsIdCli |
| Read-only | no |
| Tab Panel | BGP.General BGP AD |
| Type | STRING |

VXLAN Admin State
Table 3-5626 VXLAN Admin State

| Name | Value |
|--------------------------|--|
| Default | yes:down |
| Description | Specifies the desired administrative state for VLAN under BGP EVPN context in this VPLS service. |
| Displayed name | VXLAN Admin State |
| OSS name | bgpEvpnVxlanAdminStatus |
| Read-only | no |
| Tab Panel | BGP.EVPN bgpEvpn |
| Type | VXLANAdminState |
| Enumerated types: | |
| Down | |
| Up | |

VTS Alarm Profile parameters

Category

Table 3-5627 Category

| Name | Value |
|--------------------------|----------------------|
| Description | The trap entity type |
| Displayed name | Category |
| Mandatory on creation | yes |
| OSS name | alarmEntityType |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapEntityType |
| Enumerated types: | |
| 100GBE | |
| 10GBE | |
| 1GBE | |
| 40GBE | |
| ALL | |
| BITS | |

Table 3-5627 Category (continued)

| Name | Value |
|--------------|-------|
| CBR10G3 | |
| CBR2G5 | |
| CBRAR | |
| COM | |
| CPDPR | |
| CPLMP | |
| CPNEIGHBOR | |
| CPRSVP | |
| DBLINK | |
| DDR | |
| E1 | |
| ENV | |
| EQPT | |
| FC100 | |
| FC10G | |
| FC16G | |
| FC200 | |
| FC400 | |
| FC800 | |
| FE | |
| GMRENODE | |
| LAG | |
| LINEREF | |
| LOG | |
| LOODU | |
| LSP | |
| MEP | |
| NETIF | |
| OC12/STM4 | |
| OC192/STM64 | |
| OC3/STM1 | |
| OC48/STM16 | |
| OC768/STM256 | |

Table 3-5627 Category (continued)

| Name | Value |
|---------------|-------|
| OCH | |
| ODU0 | |
| ODU0TCM | |
| ODU1 | |
| ODU1F | |
| ODU1FTCM | |
| ODU1ODU0 | |
| ODU1ODU0TCM | |
| ODU1PTF | |
| ODU1TCM | |
| ODU2 | |
| ODU2E | |
| ODU2EODU0 | |
| ODU2EODU0TCM | |
| ODU2EODU1 | |
| ODU2EODU1TCM | |
| ODU2EODUF | |
| ODU2EODUFTCM | |
| ODU2ETCM | |
| ODU2ODU0 | |
| ODU2ODU0TCM | |
| ODU2ODU1 | |
| ODU2ODU1TCM | |
| ODU2ODUF | |
| ODU2ODUFTCM | |
| ODU2TCM | |
| ODU3 | |
| ODU3E | |
| ODU3E2 | |
| ODU3E2ODU0 | |
| ODU3E2ODU0TCM | |
| ODU3E2ODU1 | |
| ODU3E2ODU1TCM | |

Table 3-5627 Category (continued)

| Name | Value |
|----------------|-------|
| ODU3E2ODU2 | |
| ODU3E2ODU2E | |
| ODU3E2ODU2ETCM | |
| ODU3E2ODU2TCM | |
| ODU3E2ODUF | |
| ODU3E2ODUFTCM | |
| ODU3E2TCM | |
| ODU3EODU0 | |
| ODU3EODU0TCM | |
| ODU3EODU1 | |
| ODU3EODU1TCM | |
| ODU3EODU2 | |
| ODU3EODU2E | |
| ODU3EODU2ETCM | |
| ODU3EODU2TCM | |
| ODU3EODUF | |
| ODU3EODUFTCM | |
| ODU3ETCM | |
| ODU3ODU0 | |
| ODU3ODU0TCM | |
| ODU3ODU1 | |
| ODU3ODU1TCM | |
| ODU3ODU2 | |
| ODU3ODU2E | |
| ODU3ODU2ETCM | |
| ODU3ODU2TCM | |
| ODU3ODUF | |
| ODU3ODUFTCM | |
| ODU3TCM | |
| ODU4 | |
| ODU4ODU0 | |
| ODU4ODU0TCM | |
| ODU4ODU1 | |

Table 3-5627 Category (continued)

| Name | Value |
|---------------|-------|
| ODU4ODU1F | |
| ODU4ODU1FTCM | |
| ODU4ODU1TCM | |
| ODU4ODU2 | |
| ODU4ODU2E | |
| ODU4ODU2ETCM | |
| ODU4ODU2TCM | |
| ODU4ODU3 | |
| ODU4ODU3E | |
| ODU4ODU3E2 | |
| ODU4ODU3E2TCM | |
| ODU4ODU3ETCM | |
| ODU4ODU3TCM | |
| ODU4ODUF | |
| ODU4ODUFTCM | |
| ODU4TCM | |
| ODUF | |
| ODUFTCM | |
| OFA | |
| OMS | |
| OPTSG | |
| OTNFAC | |
| OTS | |
| OTU | |
| OTU0 | |
| OTU1 | |
| OTU1F | |
| OTU2 | |
| OTU2E | |
| OTU3 | |
| OTU3E | |
| OTU3E2 | |
| OTU4 | |

Table 3-5627 Category (continued)

| Name | Value |
|--------------|-------|
| OTUODU0 | |
| OTUODU0TCM | |
| OTUODU1 | |
| OTUODU1F | |
| OTUODU1TCM | |
| OTUODU2 | |
| OTUODU2E | |
| OTUODU2ETCM | |
| OTUODU2TCM | |
| OTUODU3 | |
| OTUODU3E | |
| OTUODU3E2 | |
| OTUODU3E2TCM | |
| OTUODU3ETCM | |
| OTUODU3TCM | |
| OTUODU4 | |
| OTUODU4TCM | |
| OTUOODU1FTCM | |
| PLK | |
| PM | |
| PTPCLOCK | |
| PTPPORT | |
| RMD | |
| RMDCESCHNNEL | |
| RMDIF | |
| RMDIFMAU | |
| RMDMEP | |
| RMDNIM | |
| SCLOCK | |
| SDR | |
| SESSION | |
| SRERP | |
| SRMEP | |

Table 3-5627 Category (continued)

| Name | Value |
|-------------|-------|
| SROAMSAACTL | |
| SRSAP | |
| SRSVC | |
| SYNC | |
| TELINK | |
| TIMING | |
| TOD | |
| TRU | |
| VTS | |

Condition**Table 3-5628 Condition**

| Name | Value |
|--------------------------|--------------------|
| Description | The trap condition |
| Displayed name | Condition |
| Mandatory on creation | yes |
| OSS name | alarmCondition |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCondition |
| Enumerated types: | |
| aesFipsFailure | |
| aisLM | |
| aisLmsAis | |
| aisPauAis | |
| aisTcm | |
| alienEgrLOS | |
| allChanMiss | |
| allChanMissOut | |
| almRSync | |
| almRSyncEnd | |
| ampDisabled | |

Table 3-5628 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| ampEol | |
| ANNOUNCELOSS | |
| apeInProgress | |
| APFORCED | |
| aprInvalidTopo | |
| APRLIMITED | |
| aprLine | |
| aprNode | |
| aprOsc | |
| aprSwitch | |
| aprUnavail | |
| aprUnavailOsc | |
| apsB | |
| apsCm | |
| apsMm | |
| apsNoRed | |
| arcIND | |
| asonTopo | |
| auAisP | |
| auLopP | |
| authFail | |
| autoReset | |
| autoSwTimRef | |
| autoSwTimRefT4 | |
| autoSyncSw | |
| bISd | |
| backupUnavail | |
| backwardDefectIndicationEgress | |
| BADCLKFREQ | |
| baseline | |
| bdi | |
| bdiOdu | |
| bdiOduOut | |

Table 3-5628 Condition (continued)

| Name | Value |
|--------------------|-------|
| bdiTcm | |
| binsRolled | |
| bitsAIS | |
| bitsLof | |
| bitsLos | |
| bitsMAN | |
| bkupCom | |
| boardEqpt | |
| brkTrip | |
| capBufr | |
| cardBoot | |
| CARDCLKOFFFREQ | |
| cardIdRcvd | |
| cardInBoot | |
| cardInit | |
| cardInitBcm | |
| cardInitFail | |
| cardInitNonBcm | |
| cardNotAllowed | |
| cardSanity | |
| cbr10G3RxLOS | |
| cbr10G3RxLSS | |
| ccActChg | |
| cfCapacityWarning | |
| cfmAisEvt | |
| cfmDmTestComplete | |
| cfmFltEvt | |
| cfmLbmTestComplete | |
| cfmLmTestComplete | |
| cfmLtmTestComplete | |
| cfmSlmTestComplete | |
| change | |
| channelViolation | |

Table 3-5628 Condition (continued)

| Name | Value |
|----------------|-------|
| chkBkplane | |
| ckm | |
| clearAllTcas | |
| colorViolation | |
| comm | |
| commDeg | |
| commDown | |
| configFail | |
| CONFIGMM | |
| contBus | |
| contCom | |
| contComm | |
| contEqpt | |
| contEqptSplit | |
| contr | |
| contrDup | |
| contrenDgr | |
| contrenFail | |
| contrOut | |
| cpuPerformance | |
| crdInit | |
| crTca | |
| csf | |
| csfGfp | |
| CSFGFPOUT | |
| csfOduEgr | |
| csfOduOut | |
| dataErr | |
| dataFlt | |
| dbErr | |
| dbFl | |
| dbFt | |
| dbFull | |

Table 3-5628 Condition (continued)

| Name | Value |
|-----------------|-------|
| dbInvalid | |
| dbMemTrf | |
| dbUnsync | |
| dcConfigFail | |
| deg | |
| degOtu | |
| degOut | |
| degTcm | |
| DELAYRESLOSS | |
| DISCOVERMOD | |
| dormantUser | |
| dwAis | |
| dwLof | |
| dwLom | |
| dwSd | |
| dwSf | |
| e1AisEgr | |
| e1AisL | |
| e1Lof | |
| e1LofEgr | |
| e1Los | |
| e1NoCrc4M | |
| e1NoCRC4MEgr | |
| e1Rai | |
| e1RaiEgr | |
| ebero | |
| egressSSF | |
| envInput1Active | |
| envInput2Active | |
| envInput3Active | |
| envInput4Active | |
| envInput5Active | |
| envInput6Active | |

Table 3-5628 Condition (continued)

| Name | Value |
|-------------------|-------|
| envInput7Active | |
| envInput8Active | |
| eptUploadErr | |
| eqpt | |
| eqptCrypto | |
| eqptDgr | |
| eqptDgrMon | |
| eqptDgrOch | |
| eqptDgrOchOut | |
| eqptDgrOut | |
| eqptPort | |
| erpFwdStateChng | |
| ESCABLEMISMATCH1 | |
| ESCABLEMISMATCH10 | |
| ESCABLEMISMATCH11 | |
| ESCABLEMISMATCH12 | |
| ESCABLEMISMATCH13 | |
| ESCABLEMISMATCH14 | |
| ESCABLEMISMATCH15 | |
| ESCABLEMISMATCH16 | |
| ESCABLEMISMATCH17 | |
| ESCABLEMISMATCH18 | |
| ESCABLEMISMATCH19 | |
| ESCABLEMISMATCH2 | |
| ESCABLEMISMATCH20 | |
| ESCABLEMISMATCH21 | |
| ESCABLEMISMATCH22 | |
| ESCABLEMISMATCH23 | |
| ESCABLEMISMATCH24 | |
| ESCABLEMISMATCH3 | |
| ESCABLEMISMATCH4 | |
| ESCABLEMISMATCH5 | |
| ESCABLEMISMATCH6 | |

Table 3-5628 Condition (continued)

| Name | Value |
|-------------------------|-------|
| ESCABLEMISMATCH7 | |
| ESCABLEMISMATCH8 | |
| ESCABLEMISMATCH9 | |
| escLatchFail | |
| esm | |
| ethCSF | |
| ethRingPathProvMismatch | |
| etrMismatch | |
| etrMismatchMod | |
| excessLoad | |
| excessLoss | |
| facServ | |
| facTerm | |
| facTermDev | |
| facTermDgr | |
| fan32HRqd | |
| fanSpeed | |
| fanSpeedHigh | |
| fanSpeedLow | |
| fanSpeedMan | |
| farEndLos | |
| faulty | |
| fdi | |
| fdiClt | |
| feAls | |
| feasibilityViolation | |
| fecEcSd | |
| fecFail | |
| fecUbcSd | |
| feFlt | |
| feLfi | |
| feLos | |
| feLss | |

Table 3-5628 Condition (continued)

| Name | Value |
|----------------|-------|
| fePortMismatch | |
| fePrLf | |
| feRfi | |
| fipsFailure | |
| fipsSwMismatch | |
| flt | |
| fpgaFail | |
| FPGAFAILNSA | |
| fpgaInit | |
| FPGAINIT1 | |
| FPGAINIT10 | |
| FPGAINIT2 | |
| FPGAINIT3 | |
| FPGAINIT4 | |
| FPGAINIT5 | |
| FPGAINIT6 | |
| FPGAINIT7 | |
| FPGAINIT8 | |
| FPGAINIT9 | |
| FPGAINITNSA1 | |
| FPGAINITNSA10 | |
| FPGAINITNSA2 | |
| FPGAINITNSA3 | |
| FPGAINITNSA4 | |
| FPGAINITNSA5 | |
| FPGAINITNSA6 | |
| FPGAINITNSA7 | |
| FPGAINITNSA8 | |
| FPGAINITNSA9 | |
| FPGAPRELOAD | |
| fpgaTimeout | |
| FPGATIMEOUTNSA | |
| frcdSwTimRef | |

Table 3-5628 Condition (continued)

| Name | Value |
|---------------------|-------|
| frcdSwTimRefT4 | |
| frcdWkSwBk | |
| frcdWkSwBkVTS1 | |
| frcdWkSwBkVTS10 | |
| frcdWkSwBkVTS2 | |
| frcdWkSwBkVTS3 | |
| frcdWkSwBkVTS4 | |
| frcdWkSwBkVTS5 | |
| frcdWkSwBkVTS6 | |
| frcdWkSwBkVTS7 | |
| frcdWkSwBkVTS8 | |
| frcdWkSwBkVTS9 | |
| frcdWkSwPr | |
| frcdWkSwPrVTS1 | |
| frcdWkSwPrVTS10 | |
| frcdWkSwPrVTS2 | |
| frcdWkSwPrVTS3 | |
| frcdWkSwPrVTS4 | |
| frcdWkSwPrVTS5 | |
| frcdWkSwPrVTS6 | |
| frcdWkSwPrVTS7 | |
| frcdWkSwPrVTS8 | |
| frcdWkSwPrVTS9 | |
| FRCRFCKSEL | |
| frngSync | |
| FTD_ENCRYPT_15MIN | |
| FTD_ENCRYPT_1DAY | |
| FWMISMATCH | |
| fwPendingObsolete | |
| fwUpgradePending | |
| fwVersionNotDefault | |
| gfpLof | |
| GFPLOFOUT | |

Table 3-5628 Condition (continued)

| Name | Value |
|------------------------|-------|
| gfpSsf | |
| gfpUpm | |
| hdFail | |
| hdFull | |
| hiBer | |
| highGain | |
| hldOvrSync | |
| hpPlmP | |
| hpRdiP | |
| hpUneqP | |
| hwRevisionNotSupported | |
| igmpSnpgSrcLimitExceed | |
| imageNotReady | |
| incompatFan | |
| inhMsgPmRept | |
| init | |
| inMigration | |
| INSERTMOD | |
| int | |
| intErr | |
| intrusion | |
| intrusionEvt | |
| intSft | |
| intTemp | |
| intTempHigh | |
| intTempLow | |
| intTempOpt | |
| invalidEgress | |
| invalidThreshold | |
| invalidThresholdOms | |
| invalidThresholdOts | |
| invalidTopo | |
| inventoryError | |

Table 3-5628 Condition (continued)

| Name | Value |
|--------------------------|-------|
| keyDomainErr | |
| lagDeg | |
| lagLos | |
| LAGMEMBERPORTSTATECHANGE | |
| lagPortAddFailed | |
| LAGPORTADDSUCCESS | |
| LAGSTATECHANGE | |
| lagSubGrpSelect | |
| lanLfi | |
| lanLol | |
| lanLos | |
| lanRfi | |
| lanSf | |
| laserBackFacetOptPwrTca | |
| laserCoolingCurTca | |
| laserEOL | |
| laserOffLpbk | |
| lck | |
| lckOut | |
| lckTcm | |
| ledState | |
| lfd | |
| lfiEgr | |
| linkDiversity | |
| linkDown | |
| linkoamLoopDetected | |
| linkoamNonThresh | |
| linkoamPeerChng | |
| linkUp | |
| loam | |
| lockedIndicationEgress | |
| lockoutOfPr | |
| lockoutOfPrVTS1 | |

Table 3-5628 Condition (continued)

| Name | Value |
|-------------------|-------|
| lockoutOfPrVTS10 | |
| lockoutOfPrVTS2 | |
| lockoutOfPrVTS3 | |
| lockoutOfPrVTS4 | |
| lockoutOfPrVTS5 | |
| lockoutOfPrVTS6 | |
| lockoutOfPrVTS7 | |
| lockoutOfPrVTS8 | |
| lockoutOfPrVTS9 | |
| lockoutOfTimRef | |
| lockoutOfTimRefT4 | |
| lockoutToPr | |
| lof | |
| lofEgr | |
| lofLom | |
| lofLomOut | |
| lofO | |
| loGain | |
| logBuf90SecuLog | |
| logBufOvflSecuLog | |
| lol | |
| LOLA | |
| lopPauLop | |
| los | |
| losDcm | |
| losEdfa | |
| losLdSig | |
| losO | |
| losOamp | |
| losOcm | |
| losOms | |
| losOOut | |
| losOts | |

Table 3-5628 Condition (continued)

| Name | Value |
|-----------------|-------|
| losOut | |
| losP | |
| losPld | |
| lossOfLock | |
| lostClock | |
| lotOut | |
| lpbkLine | |
| lpbkTerm | |
| lspFailedApe | |
| lspFailedPre | |
| lspFailedTp | |
| lspFailedUnprot | |
| lspFailedXc | |
| lsrOutDgr | |
| lss | |
| lssEgr | |
| ltcTcm | |
| man | |
| manLR | |
| manReset | |
| manSwTimRef | |
| manSwTimRefT4 | |
| manSwToInt | |
| manSwToPri | |
| manSwToSec | |
| manWkSwBk | |
| manWkSwBkVTS1 | |
| manWkSwBkVTS10 | |
| manWkSwBkVTS2 | |
| manWkSwBkVTS3 | |
| manWkSwBkVTS4 | |
| manWkSwBkVTS5 | |
| manWkSwBkVTS6 | |

Table 3-5628 Condition (continued)

| Name | Value |
|-------------------|-------|
| manWkSwBkVTS7 | |
| manWkSwBkVTS8 | |
| manWkSwBkVTS9 | |
| manWkSwPr | |
| manWkSwPrVTS1 | |
| manWkSwPrVTS10 | |
| manWkSwPrVTS2 | |
| manWkSwPrVTS3 | |
| manWkSwPrVTS4 | |
| manWkSwPrVTS5 | |
| manWkSwPrVTS6 | |
| manWkSwPrVTS7 | |
| manWkSwPrVTS8 | |
| manWkSwPrVTS9 | |
| mepAIS | |
| mepError | |
| mepLoc | |
| mepMacError | |
| mepMmg | |
| mepRemote | |
| mepXcon | |
| mirrorDestDisable | |
| mirrorDestEnable | |
| mirrorSrcDisable | |
| mirrorSrcEnable | |
| mismatch | |
| mismatchFiber | |
| mismatchSfpXfp | |
| missing | |
| mixedPFUsed | |
| mjTca | |
| mnTca | |
| mod | |

Table 3-5628 Condition (continued)

| Name | Value |
|--------------------|-------|
| modOutOOR | |
| msim | |
| mtcesurv | |
| mtcesurvDgr | |
| neAls | |
| neFlt | |
| neModeMismatch | |
| net | |
| netCraft | |
| neUnreachable | |
| nkm | |
| nodeDeg | |
| notUsed1 | |
| notUsed2 | |
| notUsed3 | |
| notUsed4 | |
| ntpChkSig | |
| ntpClkAdj | |
| ntpLor | |
| ntpOoSync | |
| nunvComm | |
| nunvConfig | |
| nunvIndetermined | |
| nunvReversion | |
| nunvTpBlocked | |
| nunvTransmission | |
| nvMismatch | |
| oaPumpBiasCurrHigh | |
| oaPumpTempHigh | |
| objCreated | |
| objDeleted | |
| ochCollision | |
| ochCollisionOut | |

Table 3-5628 Condition (continued)

| Name | Value |
|--------------------------------|-------|
| ochFdi | |
| ochIntErr | |
| ochKeyDup | |
| ochKeyOverlap | |
| ochKeysReused | |
| ochKeyUnavail | |
| ochMissing | |
| ochPdi | |
| ochPwrUnstable | |
| ochTrailDup | |
| ochTrailUnknown | |
| ochUnknown | |
| ochUnknownOut | |
| oci | |
| ociOut | |
| ociTem | |
| ocsAuditFail | |
| ocsAuditSuccess | |
| ocsDataFlt | |
| ocsDataRtrv | |
| ocsUnavail | |
| ocsUplinkDeleted | |
| oduAis | |
| oduAisEgress | |
| oduAisOut | |
| omsSSF | |
| openConnectionIndicationEgress | |
| opr | |
| oprIngress | |
| oprLossHigh | |
| oprLossLow | |
| oprOOR | |
| oprOut | |

Table 3-5628 Condition (continued)

| Name | Value |
|---------------------------|-------|
| oprPwrHigh | |
| oprPwrLow | |
| oprTx | |
| oprUnachieve | |
| opticalParamErr | |
| OPTICALTEST | |
| optIntBase | |
| optIntDet | |
| optIntSusp | |
| oscSsf | |
| OSNRMESC | |
| ospfAdj | |
| OTDRSCANFAIL | |
| OTDRSCANSUCCESS | |
| otmcpf | |
| otuAis | |
| ovrld | |
| PACKETCARDINIT | |
| payloadTypeMismatchEgress | |
| pcsGeneratorActive | |
| pdi | |
| pdiPauPdi | |
| PGFPGAFAIL1 | |
| PGFPGAFAIL2 | |
| PGFPGAFAIL3 | |
| PGFPGAFAIL4 | |
| PGFPGAFAIL5 | |
| PGFPGAINIT1 | |
| PGFPGAINIT2 | |
| PGFPGAINIT3 | |
| PGFPGAINIT4 | |
| PGFPGAINIT5 | |
| plm | |

Table 3-5628 Condition (continued)

| Name | Value |
|-----------------|-------|
| plmOduOut | |
| plmPauPlm | |
| ppsLos | |
| predrErr | |
| predrErrOut | |
| predrErrTopo | |
| predrErrTopoOut | |
| PTPFREERUN | |
| PTPGMDEGRADE | |
| PTPGMSWITCH | |
| PTPPATHSWITCH | |
| PTPPORTSWITCH | |
| PTPREFLOSS | |
| PTPREFUNSTABLE | |
| pwr | |
| pwrAdjComms | |
| pwrAdjFail | |
| pwrAdjFailAdd | |
| pwrAdjFailDrp | |
| pwrAdjReq | |
| pwrAdjReqAdd | |
| pwrAdjReqDrp | |
| pwrAlmp | |
| pwrEdfaMargin | |
| pwrFan | |
| pwrMargin | |
| pwrMaxGain | |
| pwrMgtOff | |
| pwrSusp | |
| pwrSuspOut | |
| pwrTiltParams | |
| pwrTiltSusp | |
| pwrUnbalance | |

Table 3-5628 Condition (continued)

| Name | Value |
|----------------------|-------|
| pwrUnbalanceOms | |
| ramanSup | |
| rcvrOptProg | |
| rdi | |
| rdiL | |
| readyToRevert | |
| REMOVEMOD | |
| replUnitMiss | |
| replUnitMissMOD | |
| reRouted | |
| restorationDisabled | |
| rfi | |
| rfiEgr | |
| rfiLmsRfi | |
| rfiPauRfi | |
| rmdCesChannelLPL | |
| rmdCesChannelNoTdmPl | |
| rmdCesChannelRPL | |
| rmdDiscoveredDevice | |
| rmdDNR | |
| rmdEQF | |
| rmdIfEFMLOP | |
| rmdIfLOS | |
| rmdIfMauANM | |
| rmdIfMauEQF | |
| rmdIfMauLOS | |
| rmdIfMauUNI | |
| rmdIfMauWUP | |
| rmdJbRecentered | |
| rmdMepLOC | |
| rmdMepMMG | |
| rmdMepRDI | |
| rmdMepUNL | |

Table 3-5628 Condition (continued)

| Name | Value |
|---------------------------|-------|
| rmdMepUNM | |
| rmdMepUNP | |
| rmdNDF | |
| rmdNimLOF | |
| rmdPWR | |
| rmdTypeMismatch | |
| rmdUnknownEcid | |
| rmdWDP | |
| rmdWrongDestMac | |
| routeNotPossible | |
| sapOperDown | |
| sapStateChng | |
| sapTlsMacAddrLimitAlarm | |
| sd | |
| sdegO | |
| seepScrub | |
| serverSignalFailureEgress | |
| sf | |
| sfMismatch | |
| sfpEOL | |
| sfpReceiverPwrOOR | |
| sfpTempOOR | |
| sfpTrmtPwrOOR | |
| sft | |
| SHELFINCON | |
| shelfInVoltHigh | |
| shelfInVoltLow | |
| SHELFINVOLTMAXCUR | |
| signalDegradeEgress | |
| SLCBOOTCONTCOM | |
| SLCCARDINIT | |
| SLCCLKSYNC | |
| SLCCONTCOM | |

Table 3-5628 Condition (continued)

| Name | Value |
|------------------------|-------|
| SLCDATAFLT | |
| SLCEQPTBOOT | |
| SLCMISMATCH | |
| SLCNOTINSERVICE | |
| sler | |
| sltmSig | |
| SPIREADERROR | |
| spLoAdjFail | |
| srgDiversity | |
| srTca | |
| ssf | |
| ssfClEgr | |
| ssfOdu | |
| ssfOduOut | |
| ssfOduTp | |
| ssfOtu | |
| SSFSECTION | |
| SSFSECTIONOUT | |
| ssfTcm | |
| subNodeUnreachable | |
| SUSPECTCLKFREQ | |
| svcOperDown | |
| svcStateChng | |
| svcTlsFwdTblFullAlarm | |
| svcTlsMfibTblFullAlarm | |
| swEqpt | |
| swftDwn | |
| swMtxMod | |
| swToSec | |
| swUpgCommit | |
| swUpgFail | |
| swUpgrade | |
| sync | |

Table 3-5628 Condition (continued)

| Name | Value |
|-----------------------|-------|
| syncActRef | |
| syncClk | |
| syncClkFail | |
| syncClkFrng | |
| syncClkHldovr | |
| syncClkMode | |
| syncClkUnit | |
| syncCommand | |
| syncEqpt | |
| syncIfTimingHoldover | |
| syncIfTimingRef1Alarm | |
| syncIfTimingRef2Alarm | |
| SYNCLOSS | |
| syncMode | |
| syncOos | |
| syncOosT4 | |
| syncRefFail | |
| syncRefUnEq | |
| syncStatChng | |
| syncSys | |
| syncSysOos | |
| syncT4Out | |
| sysBoot | |
| sysInit | |
| systemReady | |
| tBbeMs15Min | |
| tBbeMs1Day | |
| tBbeOdu15Min | |
| tBbeOdu15MinOut | |
| tBbeOdu1Day | |
| tBbeOdu1DayOut | |
| tBbeOtu15Min | |
| tBbeOtu1Day | |

Table 3-5628 Condition (continued)

| Name | Value |
|------------------|-------|
| tBbeP15Min | |
| tBbeP1Day | |
| tBbePt15Min | |
| tBbePt1Day | |
| tBbeRs15Min | |
| tBbeRs1Day | |
| tBbeRst15Min | |
| tBbeRst1Day | |
| tBbeTcm15Min | |
| tBbeTcm1Day | |
| tBerPostFec15min | |
| tBerPostFec1day | |
| tBerPreFec15min | |
| tBerPreFec1day | |
| tBiaesOtu15Min | |
| tBiaesOtu1Day | |
| tBiaesTcm15Min | |
| tBiaesTcm1Day | |
| tcmAis | |
| tCv15Min | |
| tCv1Day | |
| tCvPcs15Min | |
| tCvPcs1Day | |
| tCvPcst15Min | |
| tCvPcst1Day | |
| tCvs15Min | |
| tCvs1Day | |
| tCvst15Min | |
| tCvst1Day | |
| termOc192stm64 | |
| termOc312stm14 | |
| termOc48stm16 | |
| termOtu1 | |

Table 3-5628 Condition (continued)

| Name | Value |
|----------------|-------|
| termOtu2 | |
| tEs15Min | |
| tEs1Day | |
| tEsL15Min | |
| tEsL1Day | |
| tEsMs15Min | |
| tEsMs1Day | |
| tEsOdu15Min | |
| tEsOdu15MinOut | |
| tEsOdu1Day | |
| tEsOdu1DayOut | |
| tEsOtu15Min | |
| tEsOtu1Day | |
| tEsP15Min | |
| tEsP1Day | |
| tEsPcs15Min | |
| tEsPcs1Day | |
| tEsPcst15Min | |
| tEsPcst1Day | |
| tEsPt15Min | |
| tEsPt1Day | |
| tEsRs15Min | |
| tEsRs1Day | |
| tEsRst15Min | |
| tEsRst1Day | |
| tEss15Min | |
| tEss1Day | |
| tEsst15Min | |
| tEsst1Day | |
| tEsTcm15Min | |
| tEsTcm1Day | |
| testMode | |
| tEthpkter15Min | |

Table 3-5628 Condition (continued)

| Name | Value |
|-------------------|-------|
| tEthpkter1Day | |
| tEthpktert15Min | |
| tEthpktert1Day | |
| tFebbeMs15Min | |
| tFebbeMs1Day | |
| tFebbeOdu15Min | |
| tFeBbeOdu15MinOut | |
| tFebbeOdu1Day | |
| tFeBbeOdu1DayOut | |
| tFebbeOtu15Min | |
| tFebbeOtu1Day | |
| tFebbeTcm15Min | |
| tFebbeTcm1Day | |
| tFecc15Min | |
| tFecc1Day | |
| tFecUbc15Min | |
| tFecUbc1Day | |
| tFecUbu15Min | |
| tFecUbu1Day | |
| tFeesMs15Min | |
| tFeesMs1Day | |
| tFeesOdu15Min | |
| tFeEsOdu15MinOut | |
| tFeesOdu1Day | |
| tFeEsOdu1DayOut | |
| tFeesOtu15Min | |
| tFeesOtu1Day | |
| tFeesTcm15Min | |
| tFeesTcm1Day | |
| tFesesMs15Min | |
| tFesesMs1Day | |
| tFesesOdu15Min | |
| tFeSesOdu15MinOut | |

Table 3-5628 Condition (continued)

| Name | Value |
|-------------------|-------|
| tFesesOdu1Day | |
| tFeSesOdu1DayOut | |
| tFesesOtu15Min | |
| tFesesOtu1Day | |
| tFesesTcm15Min | |
| tFesesTcm1Day | |
| tFeuasMs15Min | |
| tFeuasMs1Day | |
| tFeuasOdu15Min | |
| tFeUasOdu15MinOut | |
| tFeuasOdu1Day | |
| tFeUasOdu1DayOut | |
| tFeuasOtu15Min | |
| tFeuasOtu1Day | |
| tFeuasTcm15Min | |
| tFeuasTcm1Day | |
| tIaesOtu15Min | |
| tIaesOtu1Day | |
| tIaesTcm15Min | |
| tIaesTcm1Day | |
| tim | |
| timOdu | |
| timOduOut | |
| timTcm | |
| toDDEG | |
| toDLOS | |
| TODREFUNSTABLE | |
| tOprh15Min | |
| tOprh1Day | |
| tOprhLane1 | |
| tOprhLane10 | |
| tOprhLane2 | |
| tOprhLane3 | |

Table 3-5628 Condition (continued)

| Name | Value |
|-------------|-------|
| tOprhLane4 | |
| tOprhLane5 | |
| tOprhLane6 | |
| tOprhLane7 | |
| tOprhLane8 | |
| tOprhLane9 | |
| tOprl15Min | |
| tOprl1Day | |
| tOprlLane1 | |
| tOprlLane10 | |
| tOprlLane2 | |
| tOprlLane3 | |
| tOprlLane4 | |
| tOprlLane5 | |
| tOprlLane6 | |
| tOprlLane7 | |
| tOprlLane8 | |
| tOprlLane9 | |
| tOph15Min | |
| tOph1Day | |
| tOphLane1 | |
| tOphLane10 | |
| tOphLane2 | |
| tOphLane3 | |
| tOphLane4 | |
| tOphLane5 | |
| tOphLane6 | |
| tOphLane7 | |
| tOphLane8 | |
| tOphLane9 | |
| tOptl15Min | |
| tOptl1Day | |
| tOptlLane1 | |

Table 3-5628 Condition (continued)

| Name | Value |
|-------------------|-------|
| tOptiLane10 | |
| tOptiLane2 | |
| tOptiLane3 | |
| tOptiLane4 | |
| tOptiLane5 | |
| tOptiLane6 | |
| tOptiLane7 | |
| tOptiLane8 | |
| tOptiLane9 | |
| tPmonDmaBfd15Min | |
| tPmonDmaBfd1Day | |
| tPmonDmaffd15Min | |
| tPmonDmaffd1Day | |
| tPmonDmafFdv15Min | |
| tPmonDmafFdv1Day | |
| tPmonDmanfd15Min | |
| tPmonDmanfd1Day | |
| tPmonDmanFdv15Min | |
| tPmonDmanFdv1Day | |
| tPmonDmxBfd15Min | |
| tPmonDmxBfd1Day | |
| tPmonDmxffd15Min | |
| tPmonDmxffd1Day | |
| tPmonDmxFdv15Min | |
| tPmonDmxFdv1Day | |
| tPmonDmxnfd15Min | |
| tPmonDmxnfd1Day | |
| tPmonDmxnFdv15Min | |
| tPmonDmxnFdv1Day | |
| tPmonLmafflr15Min | |
| tPmonLmafflr1Day | |
| tPmonLmanflr15Min | |
| tPmonLmanflr1Day | |

Table 3-5628 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonLmfhli15Min | |
| tPmonLmfhli1Day | |
| tPmonLmnhli15Min | |
| tPmonLmnhli1Day | |
| tPmonLmxfflr15Min | |
| tPmonLmxfflr1Day | |
| tPmonLmxnflr15Min | |
| tPmonLmxnflr1Day | |
| tPmonPortHighCapacityOctets15Min | |
| tPmonPortHighCapacityOctets1Day | |
| tPmonPortHighCapacityPkts15Min | |
| tPmonPortHighCapacityPkts1Day | |
| tPmonPortIfInDiscards15Min | |
| tPmonPortIfInDiscards1Day | |
| tPmonPortIfInErrors15Min | |
| tPmonPortIfInErrors1Day | |
| tPmonPortIfInOctets15Min | |
| tPmonPortIfInOctets1Day | |
| tPmonPortIfInPackets | |
| tPmonPortIfInPackets15Min | |
| tPmonPortIfOutDiscards15Min | |
| tPmonPortIfOutDiscards1Day | |
| tPmonPortIfOutErrors15Min | |
| tPmonPortIfOutErrors1Day | |
| tPmonPortIfOutOctets15Min | |
| tPmonPortIfOutOctets1Day | |
| tPmonPortIfOutPackets15Min | |
| tPmonPortIfOutPackets1Day | |
| tPmonPortQueue1OctetsDropped15Min | |
| tPmonPortQueue1OctetsDropped1Day | |
| tPmonPortQueue1PktsDropped15Min | |
| tPmonPortQueue1PktsDropped1Day | |
| tPmonPortQueue2OctetsDropped15Min | |

Table 3-5628 Condition (continued)

| Name | Value |
|-----------------------------------|-------|
| tPmonPortQueue2OctetsDropped1Day | |
| tPmonPortQueue2PktsDropped15Min | |
| tPmonPortQueue2PktsDropped1Day | |
| tPmonPortQueue3OctetsDropped15Min | |
| tPmonPortQueue3OctetsDropped1Day | |
| tPmonPortQueue3PktsDropped15Min | |
| tPmonPortQueue3PktsDropped1Day | |
| tPmonPortQueue4OctetsDropped15Min | |
| tPmonPortQueue4OctetsDropped1Day | |
| tPmonPortQueue4PktsDropped15Min | |
| tPmonPortQueue4PktsDropped1Day | |
| tPmonPortQueue5OctetsDropped15Min | |
| tPmonPortQueue5OctetsDropped1Day | |
| tPmonPortQueue5PktsDropped15Min | |
| tPmonPortQueue5PktsDropped1Day | |
| tPmonPortQueue6OctetsDropped15Min | |
| tPmonPortQueue6OctetsDropped1Day | |
| tPmonPortQueue6PktsDropped15Min | |
| tPmonPortQueue6PktsDropped1Day | |
| tPmonPortQueue7OctetsDropped15Min | |
| tPmonPortQueue7OctetsDropped1Day | |
| tPmonPortQueue7PktsDropped15Min | |
| tPmonPortQueue7PktsDropped1Day | |
| tPmonPortQueue8OctetsDropped15Min | |
| tPmonPortQueue8OctetsDropped1Day | |
| tPmonPortQueue8PktsDropped15Min | |
| tPmonPortQueue8PktsDropped1Day | |
| tPmonSapIngressOctetsDropped15Min | |
| tPmonSapIngressOctetsDropped1Day | |
| tPmonSapIngressPktsDropped15Min | |
| tPmonSapIngressPktsDropped1Day | |
| tPmonSlmafFlr15Min | |
| tPmonSlmafFlr1Day | |

Table 3-5628 Condition (continued)

| Name | Value |
|------------------------------------|-------|
| tPmonSlmafflrContinuous | |
| tPmonSlmanflr15Min | |
| tPmonSlmanFlr1Day | |
| tPmonSlmanflrContinuous | |
| tPmonSImfhlr15Min | |
| tPmonSImfhlr1Day | |
| tPmonSImfhlrContinuous | |
| tPmonSImnhlr15Min | |
| tPmonSImnhlr1Day | |
| tPmonSImnhlrContinuous | |
| tPmonSImxfFlr1Day | |
| tPmonSImxflrContinuous | |
| tPmonSImxnFlr1Day | |
| tPmonSImxnflrContinuous | |
| tPostFec15Min | |
| tPostFec1Day | |
| tPreFec15Min | |
| tPreFec1Day | |
| trailTraceIdentifierMismatchEgress | |
| transferLogFL | |
| transferLogFT | |
| transferLogIP | |
| trmt | |
| trmtMOD | |
| TRUBRKROPEN | |
| tSefs15Min | |
| tSefs1Day | |
| tSefsPcs15Min | |
| tSefsPcs1Day | |
| tSefsPcst15Min | |
| tSefsPcst1Day | |
| tSefss15Min | |
| tSefss1Day | |

Table 3-5628 Condition (continued)

| Name | Value |
|-----------------|-------|
| tSefsst15Min | |
| tSefsst1Day | |
| tSes15Min | |
| tSes1Day | |
| tSesL15Min | |
| tSesL1Day | |
| tSesMs15Min | |
| tSesMs1Day | |
| tSesOdu15Min | |
| tSesOdu15MinOut | |
| tSesOdu1Day | |
| tSesOdu1DayOut | |
| tSesOtu15Min | |
| tSesOtu1Day | |
| tSesP15Min | |
| tSesP1Day | |
| tSesPcs15Min | |
| tSesPcs1Day | |
| tSesPcst15Min | |
| tSesPcst1Day | |
| tSesPt15Min | |
| tSesPt1Day | |
| tSesRs15Min | |
| tSesRs1Day | |
| tSesRst15Min | |
| tSesRst1Day | |
| tSess15Min | |
| tSess1Day | |
| tSesst15Min | |
| tSesst1Day | |
| tSesTcm15Min | |
| tSesTcm1Day | |
| tsMismatch | |

Table 3-5628 Condition (continued)

| Name | Value |
|-----------------|-------|
| tsMismatchOut | |
| tUasMs15Min | |
| tUasMs1Day | |
| tUasOdu15Min | |
| tUasOdu15MinOut | |
| tUasOdu1Day | |
| tUasOdu1DayOut | |
| tUasOtu15Min | |
| tUasOtu1Day | |
| tUasP15Min | |
| tUasP1Day | |
| tUasPt15Min | |
| tUasPt1Day | |
| tUasRs15Min | |
| tUasRs1Day | |
| tUasRst15Min | |
| tUasRst1Day | |
| tUasTcm15Min | |
| tUasTcm1Day | |
| unexWkSet | |
| unknown | |
| unknownNotif | |
| unknownSfpXfp | |
| unL | |
| unM | |
| unMOrUnP | |
| unP | |
| unPr | |
| upm | |
| uruOchLos | |
| uruOmsRx | |
| uruOmsTx | |
| uruOtsLos | |

Table 3-5628 Condition (continued)

| Name | Value |
|------------------|-------|
| uruOtsRx | |
| uruOtsTx | |
| uruOtu | |
| uruS | |
| usAis | |
| usAls | |
| userEqptMismatch | |
| usFlt | |
| usIdle | |
| usLos | |
| usOchCollision | |
| usSFEber | |
| vcgDown | |
| vcgLoa | |
| vcgMap | |
| vcgSsf | |
| vcMfi | |
| voltage | |
| voltageHigh | |
| voltageLow | |
| vtsConnCreation | |
| vtsFdi | |
| vtsFdi1 | |
| vtsFdi10 | |
| vtsFdi11 | |
| vtsFdi12 | |
| vtsFdi13 | |
| vtsFdi14 | |
| vtsFdi15 | |
| vtsFdi16 | |
| vtsFdi17 | |
| vtsFdi18 | |
| vtsFdi19 | |

Table 3-5628 Condition (continued)

| Name | Value |
|----------|-------|
| vtsFdi2 | |
| vtsFdi20 | |
| vtsFdi21 | |
| vtsFdi22 | |
| vtsFdi23 | |
| vtsFdi24 | |
| vtsFdi25 | |
| vtsFdi26 | |
| vtsFdi27 | |
| vtsFdi28 | |
| vtsFdi29 | |
| vtsFdi3 | |
| vtsFdi30 | |
| vtsFdi31 | |
| vtsFdi32 | |
| vtsFdi4 | |
| vtsFdi5 | |
| vtsFdi6 | |
| vtsFdi7 | |
| vtsFdi8 | |
| vtsFdi9 | |
| vtsOci | |
| vtsOci1 | |
| vtsOci10 | |
| vtsOci11 | |
| vtsOci12 | |
| vtsOci13 | |
| vtsOci14 | |
| vtsOci15 | |
| vtsOci16 | |
| vtsOci17 | |
| vtsOci18 | |
| vtsOci19 | |

Table 3-5628 Condition (continued)

| Name | Value |
|-------------|-------|
| vtsOci2 | |
| vtsOci20 | |
| vtsOci21 | |
| vtsOci22 | |
| vtsOci23 | |
| vtsOci24 | |
| vtsOci25 | |
| vtsOci26 | |
| vtsOci27 | |
| vtsOci28 | |
| vtsOci29 | |
| vtsOci3 | |
| vtsOci30 | |
| vtsOci31 | |
| vtsOci32 | |
| vtsOci4 | |
| vtsOci5 | |
| vtsOci6 | |
| vtsOci7 | |
| vtsOci8 | |
| vtsOci9 | |
| warnTca | |
| wkSwBk | |
| wkSwPr | |
| wkSwPrVTS1 | |
| wkSwPrVTS10 | |
| wkSwPrVTS2 | |
| wkSwPrVTS3 | |
| wkSwPrVTS4 | |
| wkSwPrVTS5 | |
| wkSwPrVTS6 | |
| wkSwPrVTS7 | |
| wkSwPrVTS8 | |

Table 3-5628 Condition (continued)

| Name | Value |
|-------------------|-------|
| wkSwPrVTS9 | |
| wtocmaPoutRanOsnr | |
| wtr | |

Default Severity**Table 3-5629 Default Severity**

| Name | Value |
|--------------------------|------------------|
| Description | Default severity |
| Displayed name | Default Severity |
| Mandatory on creation | yes |
| OSS name | defaultSeverity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |
| Unknown | |
| Warning | |

Direction
Table 3-5630 Direction

| Name | Value |
|--------------------------|------------------------|
| Displayed name | Direction |
| Mandatory on creation | yes |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General General |
| Type | AlarmCategoryDirection |
| Enumerated types: | |
| None | |
| RX | |
| TX | |

Override Severity**Table 3-5631 Override Severity**

| Name | Value |
|--------------------------|-------------------|
| Description | Override severity |
| Displayed name | Override Severity |
| OSS name | severity |
| Read-only | no |
| Tab Panel | General General |
| Type | TrapCategory |
| Enumerated types: | |
| Critical | |
| Default | |
| General Event | |
| Major | |
| Minor | |
| None | |
| Not Alarmed | |
| Not Reported | |
| Security | |
| State Change | |

Table 3-5631 Override Severity (continued)

| Name | Value |
|---------|-------|
| Unknown | |
| Warning | |

VTS Map Number**Table 3-5632 VTS Map Number**

| Name | Value |
|-----------------------|--|
| Description | The VTS number. Value range: 1 to 100. |
| Displayed name | VTS Map Number |
| Mandatory on creation | yes |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | vtsMapVts |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

VTS Channel parameters**Accounting Policy****Table 3-5633 Accounting Policy**

| Name | Value |
|----------------|-------------------------------|
| Default | yes: |
| Displayed name | Accounting Policy |
| OSS name | accountingPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Accounting |
| Type | POINTER |

Accounting Policy
Table 3-5634 Accounting Policy

| Name | Value |
|----------------|--------------------------------------|
| Default | yes: |
| Displayed name | Accounting Policy |
| OSS name | etherAccountingPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Ethernet Accounting |
| Type | POINTER |

Actual Speed**Table 3-5635 Actual Speed**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Actual Speed |
| OSS name | actualSpeed |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |
| Units | kbps |

Administrative State**Table 3-5636 Administrative State**

| Name | Value |
|----------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General Equipment |
| Type | AdministrativeState |

Administrative State
Table 3-5637 Administrative State

| Name | Value |
|----------------|----------------------|
| Default | yes:noop |
| Displayed name | Administrative State |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | States General |
| Type | AdministrativeState |

APS Common Configuration**Table 3-5638 APS Common Configuration**

| Name | Value |
|----------------|--------------------------|
| Default | yes:false |
| Displayed name | APS Common Configuration |
| OSS name | isCommonApsConfiguration |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

APS Protected**Table 3-5639 APS Protected**

| Name | Value |
|----------------|-----------------|
| Default | yes:false |
| Displayed name | APS Protected |
| OSS name | isApsProtected |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Automatic VLAN Binding
Table 3-5640 Automatic VLAN Binding

| Name | Value |
|----------------|------------------------|
| Default | yes:true |
| Displayed name | Automatic VLAN Binding |
| OSS name | vlanAutoBind |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Background Diagnostics Fault Reason**Table 3-5641 Background Diagnostics Fault Reason**

| Name | Value |
|----------------|-------------------------------------|
| Default | yes: |
| Displayed name | Background Diagnostics Fault Reason |
| OSS name | backgroundDiagnosticsFaultReason |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Background Diagnostics State**Table 3-5642 Background Diagnostics State**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:unknown |
| Displayed name | Background Diagnostics State |
| OSS name | backgroundDiagnosticsState |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | BackgroundDiagnosticsStateType |

Channel Type
Table 3-5643 Channel Type

| Name | Value |
|-----------------------|-------------------------|
| Default | yes:unknown |
| Displayed name | Channel Type |
| Mandatory on creation | yes |
| OSS name | portChannelType |
| Read-only | no |
| Tab Panel | General General |
| Type | DaughterCardChannelType |

Class**Table 3-5644 Class**

| Name | Value |
|----------------|-----------------|
| Default | yes:none |
| Displayed name | Class |
| OSS name | portClass |
| Read-only | yes |
| Tab Panel | General General |
| Type | PortClass |

CLEI Code**Table 3-5645 CLEI Code**

| Name | Value |
|----------------|----------------------------------|
| Default | yes: |
| Displayed name | CLEI Code |
| Maximum | 16 |
| Minimum | 0 |
| OSS name | cleiCode |
| Read-only | yes |
| Tab Panel | General Equipment Location Codes |
| Type | STRING |

CLI Name
Table 3-5646 CLI Name

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | CLI Name |
| Maximum | 252 |
| OSS name | portName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Collect Accounting Statistics**Table 3-5647 Collect Accounting Statistics**

| Name | Value |
|----------------|-------------------------------|
| Default | yes:true |
| Displayed name | Collect Accounting Statistics |
| OSS name | collectStats |
| Read-only | no |
| Tab Panel | Policies.General Accounting |
| Type | BOOL |

Collect Accounting Statistics**Table 3-5648 Collect Accounting Statistics**

| Name | Value |
|----------------|--------------------------------------|
| Default | yes:false |
| Displayed name | Collect Accounting Statistics |
| OSS name | etherCollectStats |
| Read-only | no |
| Tab Panel | Policies.General Ethernet Accounting |
| Type | BOOL |

Combiner**Table 3-5649 Combiner**

| Name | Value |
|----------------|---|
| Default | yes:disable |
| Description | Enable/Disable Combiner(SD)function on MPT. |
| Displayed name | Combiner |
| OSS name | mptCombiner |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | LONG |

Configured MAC**Table 3-5650 Configured MAC**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Configured MAC |
| OSS name | macAddress |
| Read-only | no |
| Tab Panel | General General |
| Type | MACADDR |

Containing Equipment Status**Table 3-5651 Containing Equipment Status**

| Name | Value |
|----------------|-----------------------------|
| Default | yes:indeterminate |
| Displayed name | Containing Equipment Status |
| OSS name | containingEquipmentState |
| Read-only | yes |
| Tab Panel | States General |
| Type | ContainingEquipmentState |

Description
Table 3-5652 Description

| Name | Value |
|----------------|-----------------|
| Default | yes: |
| Displayed name | Description |
| Maximum | 256 |
| Minimum | 0 |
| OSS name | description |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Encap Type**Table 3-5653 Encap Type**

| Name | Value |
|----------------|-----------------|
| Default | yes:nullEncap |
| Displayed name | Encap Type |
| OSS name | encapType |
| Read-only | no |
| Tab Panel | General General |
| Type | PortEncapType |

Equipped**Table 3-5654 Equipped**

| Name | Value |
|----------------|----------------|
| Default | yes:false |
| Displayed name | Equipped |
| OSS name | isEquipped |
| Read-only | yes |
| Tab Panel | States General |
| Type | BOOL |

Firmware Revision Status
Table 3-5655 Firmware Revision Status

| Name | Value |
|----------------|-------------------------------|
| Default | yes:notApplicable |
| Displayed name | Firmware Revision Status |
| OSS name | hwFirmwareRevisionStatus |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | HwFirmwareRevisionStatusTypes |

Hardware Class**Table 3-5656 Hardware Class**

| Name | Value |
|----------------|------------------------------|
| Default | no |
| Displayed name | Hardware Class |
| OSS name | hardwareClass |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | HardwareClassType |

Hardware MAC**Table 3-5657 Hardware MAC**

| Name | Value |
|----------------|-----------------------|
| Default | yes:00-00-00-00-00-00 |
| Displayed name | Hardware MAC |
| OSS name | hwMacAddress |
| Read-only | yes |
| Tab Panel | General General |
| Type | MACADDR |

Hold Time Down**Table 3-5658 Hold Time Down**

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Hold Time Down |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | holdTimeDown |
| Read-only | no |
| Tab Panel | General Hold Time |
| Type | INT |
| Units | seconds |

Hold Time Units**Table 3-5659 Hold Time Units**

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Hold Time Units |
| OSS name | holdTimeUnits |
| Read-only | no |
| Tab Panel | General Hold Time |
| Type | HoldTimeUnitsType |

Hold Time Up**Table 3-5660 Hold Time Up**

| Name | Value |
|----------------|-------------------|
| Default | yes:0 |
| Displayed name | Hold Time Up |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | holdTimeUp |
| Read-only | no |
| Tab Panel | General Hold Time |

Table 3-5660 Hold Time Up (continued)

| Name | Value |
|-------|---------|
| Type | INT |
| Units | seconds |

Holding IGH**Table 3-5661 Holding IGH**

| Name | Value |
|----------------|------------------------------------|
| Default | yes: |
| Description | ECMP fate sharing group membership |
| Displayed name | Holding IGH |
| OSS name | memberOfIGH |
| Read-only | yes |
| Tab Panel | General IGH Membership |
| Type | POINTER |

HSMDA Egress Scheduler Policy**Table 3-5662 HSMDA Egress Scheduler Policy**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Specifies the hsmda scheduler policy used by this port |
| Displayed name | HSMDA Egress Scheduler Policy |
| OSS name | portEgrHsmdaSchedulerPolicy |
| Read-only | no |
| Tab Panel | Policies.General HSMDA Scheduler |
| Type | POINTER |

Interface ID**Table 3-5663 Interface ID**

| Name | Value |
|----------------|--------------|
| Default | yes:0 |
| Displayed name | Interface ID |

Table 3-5663 Interface ID (continued)

| Name | Value |
|-------------|-----------------|
| OSS name | snmpPortId |
| Read-only | yes |
| Tab Panel | General General |
| Type | LONG |

L2 Profile**Table 3-5664 L2 Profile**

| Name | Value |
|----------------|--|
| Default | yes: |
| Description | Pointer to the L2 Profile Policy object. |
| Displayed name | L2 Profile |
| OSS name | l2ProfilePointer |
| Read-only | no |
| Tab Panel | Policies.General L2 Profile |
| Type | POINTER |

L2Uplink**Table 3-5665 L2Uplink**

| Name | Value |
|----------------|-----------------|
| Default | yes:false |
| Displayed name | L2Uplink |
| OSS name | isl2UplinkMode |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

Link Trap**Table 3-5666 Link Trap**

| Name | Value |
|---------|-------------|
| Default | yes:disable |

Table 3-5666 Link Trap (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Link Trap |
| OSS name | linkTrap |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |

Link Up

Table 3-5667 Link Up

| Name | Value |
|----------------|----------------|
| Default | yes:false |
| Displayed name | Link Up |
| OSS name | isLinkUp |
| Read-only | yes |
| Tab Panel | States General |
| Type | BOOL |

Load Balance Algorithm

Table 3-5668 Load Balance Algorithm

| Name | Value |
|----------------|---|
| Default | yes:notApplicable |
| Description | Specifies the load balancing algorithm to be used on this port. |
| Displayed name | Load Balance Algorithm |
| OSS name | loadBalanceAlgorithm |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.PortLoadBalanceAlgorithm |

Local Channel ID
Table 3-5669 Local Channel ID

| Name | Value |
|-----------------------|--|
| Default | yes: |
| Description | This attribute will be ignored on creation of a APS Common Configuration Sonet Channel (sts3) Since the box will pick one as it very own, based on the portId of the physical port bound to the working circuit. This attribute will not be ignored on creation of a APS Common Configuration Sonet Channel when deep channels are supported (currently only on ASAP MDA). |
| Displayed name | Local Channel ID |
| Mandatory on creation | yes |
| Maximum | 100 |
| OSS name | displayedLocalChannelId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Manufacture Date**Table 3-5670 Manufacture Date**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacture Date |
| Maximum | 252 |
| OSS name | manufactureDate |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturer**Table 3-5671 Manufacturer**

| Name | Value |
|----------------|--------------|
| Default | yes: |
| Displayed name | Manufacturer |
| Maximum | 252 |

Table 3-5671 Manufacturer (continued)

| Name | Value |
|-------------|------------------------------|
| OSS name | manufacturer |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Assembly No**Table 3-5672 Manufacturing Assembly No**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Assembly No |
| OSS name | manufacturingAssemblyNo |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Deviations**Table 3-5673 Manufacturing Deviations**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Manufacturing Deviations |
| OSS name | manufacturingDeviations |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Manufacturing Variant**Table 3-5674 Manufacturing Variant**

| Name | Value |
|----------------|-----------------------|
| Default | yes: |
| Displayed name | Manufacturing Variant |

Table 3-5674 Manufacturing Variant (continued)

| Name | Value |
|-------------|------------------------------|
| OSS name | manufacturingVariant |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Mode**Table 3-5675 Mode**

| Name | Value |
|----------------|-----------------|
| Default | yes:undefined |
| Displayed name | Mode |
| OSS name | mode |
| Read-only | no |
| Tab Panel | General General |
| Type | PortMode |

MTU**Table 3-5676 MTU**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | MTU |
| OSS name | mtuValue |
| Read-only | no |
| Tab Panel | General General |
| Type | INT |
| Units | bytes |

Name**Table 3-5677 Name**

| Name | Value |
|---------|-------|
| Default | yes: |

Table 3-5677 Name (continued)

| Name | Value |
|----------------|-----------------|
| Displayed name | Name |
| Maximum | 252 |
| OSS name | displayName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Network Queue Policy Name**Table 3-5678 Network Queue Policy Name**

| Name | Value |
|----------------|--------------------------------|
| Default | yes:default |
| Displayed name | Network Queue Policy Name |
| Maximum | 32 |
| Minimum | 1 |
| OSS name | networkQueuePolicyName |
| Read-only | yes |
| Tab Panel | Policies.General Network Queue |
| Type | STRING |

Operational State**Table 3-5679 Operational State**

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | OperationalState |

Operational State
Table 3-5680 Operational State

| Name | Value |
|----------------|-------------------|
| Default | yes:unknown |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | yes |
| Tab Panel | States General |
| Type | OperationalState |

Parent Interface ID**Table 3-5681 Parent Interface ID**

| Name | Value |
|----------------|---------------------|
| Default | yes:0 |
| Displayed name | Parent Interface ID |
| OSS name | parentSnmpPortId |
| Read-only | yes |
| Tab Panel | General ParentInfo |
| Type | LONG |

Parent Name**Table 3-5682 Parent Name**

| Name | Value |
|----------------|---------------------|
| Default | yes: |
| Displayed name | Parent Name |
| Maximum | 252 |
| OSS name | parentDisplayedName |
| Read-only | yes |
| Tab Panel | General ParentInfo |
| Type | STRING |

Part Number**Table 3-5683 Part Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Part Number |
| Maximum | 252 |
| OSS name | manufacturerBoardNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Port Scheduler Policy**Table 3-5684 Port Scheduler Policy**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Specifies the port scheduler policy used by this port |
| Displayed name | Port Scheduler Policy |
| OSS name | portSchedulerPolicyObjectPointer |
| Read-only | no |
| Tab Panel | Policies.General Port Scheduler |
| Type | POINTER |

Port Usage**Table 3-5685 Port Usage**

| Name | Value |
|----------------|--------------------|
| Default | yes:0 |
| Displayed name | Port Usage |
| OSS name | portUsage |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | INT |

Previous State
Table 3-5686 Previous State

| Name | Value |
|----------------|----------------|
| Default | yes:1 |
| Displayed name | Previous State |
| OSS name | previousState |
| Read-only | yes |
| Tab Panel | States General |
| Type | PortState |

Queue 1**Table 3-5687 Queue 1**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 1 |
| OSS name | portStatsQueue1PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 2**Table 3-5688 Queue 2**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 2 |
| OSS name | portStatsQueue2PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 3**Table 3-5689 Queue 3**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 3 |
| OSS name | portStatsQueue3PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 4**Table 3-5690 Queue 4**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 4 |
| OSS name | portStatsQueue4PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 5**Table 3-5691 Queue 5**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 5 |
| OSS name | portStatsQueue5PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 6**Table 3-5692 Queue 6**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 6 |
| OSS name | portStatsQueue6PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 7**Table 3-5693 Queue 7**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 7 |
| OSS name | portStatsQueue7PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Queue 8**Table 3-5694 Queue 8**

| Name | Value |
|----------------|--|
| Default | yes:false |
| Displayed name | Queue 8 |
| OSS name | portStatsQueue8PktsFWd |
| Read-only | no |
| Tab Panel | Policies.General Egress Packets Forwarding |
| Type | BOOL |

Serial Number**Table 3-5695 Serial Number**

| Name | Value |
|----------------|------------------------------|
| Default | yes: |
| Displayed name | Serial Number |
| Maximum | 252 |
| OSS name | serialNumber |
| Read-only | yes |
| Tab Panel | General Manufacturer Details |
| Type | STRING |

Site ID**Table 3-5696 Site ID**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site ID |
| Maximum | 64 |
| OSS name | siteId |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Site Name**Table 3-5697 Site Name**

| Name | Value |
|----------------|-------------------|
| Default | yes: |
| Displayed name | Site Name |
| Maximum | 252 |
| OSS name | siteName |
| Read-only | yes |
| Tab Panel | General Equipment |
| Type | STRING |

Speed**Table 3-5698 Speed**

| Name | Value |
|----------------|-----------------|
| Default | yes:0 |
| Displayed name | Speed |
| OSS name | speed |
| Read-only | no |
| Tab Panel | General General |
| Type | equipment.Speed |
| Units | Mbps |

State**Table 3-5699 State**

| Name | Value |
|----------------|----------------|
| Default | yes:1 |
| Displayed name | State |
| OSS name | state |
| Read-only | yes |
| Tab Panel | States General |
| Type | PortState |

Status**Table 3-5700 Status**

| Name | Value |
|----------------|-------------------------|
| Default | yes:indeterminate |
| Displayed name | Status |
| OSS name | compositeEquipmentState |
| Read-only | yes |
| Tab Panel | States General |
| Type | CompositeEquipmentState |

Subrack Connection
Table 3-5701 Subrack Connection

| Name | Value |
|----------------|--|
| Default | no |
| Description | specifies where the MPT is connected to on the subrack |
| Displayed name | Subrack Connection |
| OSS name | mptSubrackPointer |
| Read-only | no |
| Tab Panel | General Port Usage |
| Type | POINTER |

UNI Profile**Table 3-5702 UNI Profile**

| Name | Value |
|----------------|---|
| Default | yes: |
| Description | Pointer to the UNI Profile Policy object. |
| Displayed name | UNI Profile |
| OSS name | uniProfilePointer |
| Read-only | no |
| Tab Panel | Policies.General UNI Profile |
| Type | POINTER |

User label**Table 3-5703 User label**

| Name | Value |
|----------------|-----------------|
| Default | no |
| Displayed name | User label |
| Maximum | 15 |
| OSS name | userLabel |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

VTS Connection parameters

Administrative State

Table 3-5704 Administrative State

| Name | Value |
|--------------------------|---|
| Default | yes:up |
| Description | The administrative state of the connection. |
| Displayed name | Administrative State |
| Mandatory on creation | yes |
| OSS name | administrativeState |
| Read-only | no |
| Tab Panel | General VTS Connection State |
| Type | ConnectionAdminState |
| Enumerated types: | |
| Automatic In-Service | |
| Blocking | |
| Down | |
| Maintenance | |
| Partially Down | |
| Standby/Backup | |
| Unknown | |
| Up | |

Bidirectional

Table 3-5705 Bidirectional

| Name | Value |
|----------------|---|
| Default | yes:true |
| Description | Indicates if this connection is a unidirectional or bidirectional connection. |
| Displayed name | Bidirectional |
| OSS name | biDirectional |
| Read-only | no |
| Tab Panel | General VTS Connection Details |
| Type | BOOL |

Committed Burst Size(kb/s)**Table 3-5706 Committed Burst Size(kb/s)**

| Name | Value |
|--------------------------|--|
| Default | yes:256 |
| Description | The CBS value of the VTS connection. Configurable values: 16, 32, 64, 128, 256, 512, 1024, 2048, 4096, 8192, 16384 (Kbytes). |
| Displayed name | Committed Burst Size(kb/s) |
| OSS name | vtsCommittedBurstRate |
| Read-only | no |
| Tab Panel | General VTS Connection Details |
| Type | CbsAndEbsRate |
| Enumerated types: | |
| | 1024 |
| | 128 |
| | 16 |
| | 16384 |
| | 2048 |
| | 256 |
| | 32 |
| | 4096 |
| | 512 |
| | 64 |
| | 8192 |

Committed Information Rate(Mb/s)**Table 3-5707 Committed Information Rate(Mb/s)**

| Name | Value |
|----------------|--|
| Default | yes:100 |
| Description | The CIR value of the VTS connection . Configurable range: 0 to 10000 (mbps). |
| Displayed name | Committed Information Rate(Mb/s) |
| OSS name | vtsCommittedInfoRate |
| Read-only | no |
| Tab Panel | General VTS Connection Details |
| Type | CirAndEirRate |

Table 3-5707 Committed Information Rate(Mb/s) (continued)

| Name | Value |
|--------------------------|-------|
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 1000 | |
| 10000 | |
| 15 | |
| 150 | |
| 1500 | |
| 2 | |
| 20 | |
| 200 | |
| 2000 | |
| 25 | |
| 250 | |
| 2500 | |
| 3 | |
| 30 | |
| 300 | |
| 3000 | |
| 35 | |
| 350 | |
| 3500 | |
| 4 | |
| 40 | |
| 400 | |
| 4000 | |
| 45 | |
| 450 | |
| 4500 | |
| 5 | |
| 50 | |

Table 3-5707 Committed Information Rate(Mb/s) (continued)

| Name | Value |
|------|-------|
| 500 | |
| 5000 | |
| 55 | |
| 550 | |
| 5500 | |
| 6 | |
| 60 | |
| 600 | |
| 6000 | |
| 65 | |
| 650 | |
| 6500 | |
| 7 | |
| 70 | |
| 700 | |
| 7000 | |
| 75 | |
| 750 | |
| 7500 | |
| 8 | |
| 80 | |
| 800 | |
| 8000 | |
| 85 | |
| 850 | |
| 8500 | |
| 9 | |
| 90 | |
| 900 | |
| 9000 | |
| 95 | |
| 950 | |
| 9500 | |

Destination
Table 3-5708 Destination

| Name | Value |
|----------------|---|
| Description | Name of the endpoint Z, used for display. |
| Displayed name | Destination |
| OSS name | endpointZName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Destination VTS Number**Table 3-5709 Destination VTS Number**

| Name | Value |
|----------------|--|
| Description | The VTS number of the VTS connection destination. line: 1 to 32 for subrate 1 to 100 for QinQ client: 1 to 10. |
| Displayed name | Destination VTS Number |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | vtsConnDestVts |
| Read-only | no |
| Tab Panel | General VTS Connection Destination |
| Type | LONG |

Operational State**Table 3-5710 Operational State**

| Name | Value |
|--------------------------|--|
| Description | The operational state of the connection. |
| Displayed name | Operational State |
| OSS name | operationalState |
| Read-only | no |
| Tab Panel | General VTS Connection State |
| Type | ConnectionOperState |
| Enumerated types: | |

Table 3-5710 Operational State (continued)

| Name | Value |
|----------------|-------|
| Degraded | |
| Disabled | |
| Down | |
| Enabled | |
| Partially Down | |
| Unknown | |
| Up | |

Peak Burst Size(kb/s)**Table 3-5711 Peak Burst Size(kb/s)**

| Name | Value |
|--------------------------|--|
| Default | yes:4096 |
| Description | The EBS value of the VTS connection. Configurable values: 16, 32, 64, 128, 256, 512, 1024, 2048, 4096, 8192, 16384 (Kbytes). |
| Displayed name | Peak Burst Size(kb/s) |
| OSS name | vtsExcessBurstRate |
| Read-only | no |
| Tab Panel | General VTS Connection Details |
| Type | CbsAndEbsRate |
| Enumerated types: | |
| | 1024 |
| | 128 |
| | 16 |
| | 16384 |
| | 2048 |
| | 256 |
| | 32 |
| | 4096 |
| | 512 |
| | 64 |
| | 8192 |

Peak Information Rate(Mb/s)
Table 3-5712 Peak Information Rate(Mb/s)

| Name | Value |
|--------------------------|--|
| Default | yes:100 |
| Description | The EIR value of the VTS connection. Configurable range: 0 to 10000 (mbps) |
| Displayed name | Peak Information Rate(Mb/s) |
| OSS name | vtsExcessInfoRate |
| Read-only | no |
| Tab Panel | General VTS Connection Details |
| Type | CirAndEirRate |
| Enumerated types: | |
| 0 | |
| 1 | |
| 10 | |
| 100 | |
| 1000 | |
| 10000 | |
| 15 | |
| 150 | |
| 1500 | |
| 2 | |
| 20 | |
| 200 | |
| 2000 | |
| 25 | |
| 250 | |
| 2500 | |
| 3 | |
| 30 | |
| 300 | |
| 3000 | |
| 35 | |
| 350 | |
| 3500 | |
| 4 | |

Table 3-5712 Peak Information Rate(Mb/s) (continued)

| Name | Value |
|------|-------|
| 40 | |
| 400 | |
| 4000 | |
| 45 | |
| 450 | |
| 4500 | |
| 5 | |
| 50 | |
| 500 | |
| 5000 | |
| 55 | |
| 550 | |
| 5500 | |
| 6 | |
| 60 | |
| 600 | |
| 6000 | |
| 65 | |
| 650 | |
| 6500 | |
| 7 | |
| 70 | |
| 700 | |
| 7000 | |
| 75 | |
| 750 | |
| 7500 | |
| 8 | |
| 80 | |
| 800 | |
| 8000 | |
| 85 | |
| 850 | |

Table 3-5712 Peak Information Rate(Mb/s) (continued)

| Name | Value |
|------|-------|
| 8500 | |
| 9 | |
| 90 | |
| 900 | |
| 9000 | |
| 95 | |
| 950 | |
| 9500 | |

Protection Mode**Table 3-5713 Protection Mode**

| Name | Value |
|--------------------------|---|
| Default | yes:none |
| Description | The protection state of the connection. |
| Displayed name | Protection Mode |
| Mandatory on creation | yes |
| OSS name | protectionState |
| Read-only | no |
| Tab Panel | General VTS Connection Details |
| Type | ProtectionState |
| Enumerated types: | |
| A1Z1 | |
| A1Z2 | |
| A2Z1 | |
| A2Z2 | |
| Protection | |
| Unprotected | |
| Working | |

Site ID**Table 3-5714 Site ID**

| Name | Value |
|----------------|-----------------|
| Default | yes:0.0.0.0 |
| Description | Site ID. |
| Displayed name | Site ID |
| Maximum | 50 |
| OSS name | siteId |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Site Name**Table 3-5715 Site Name**

| Name | Value |
|----------------|-----------------|
| Description | Site name. |
| Displayed name | Site Name |
| OSS name | siteName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Source**Table 3-5716 Source**

| Name | Value |
|----------------|---|
| Description | Name of the endpoint A, used for display. |
| Displayed name | Source |
| OSS name | endpointAName |
| Read-only | yes |
| Tab Panel | General General |
| Type | STRING |

Source VTS Number
Table 3-5717 Source VTS Number

| Name | Value |
|----------------|---|
| Description | The VTS number of the VTS connection source. line: 1 to 32 for subrate 1 to 100 for QinQ client: 1 to 10. |
| Displayed name | Source VTS Number |
| Maximum | 100 |
| Minimum | 1 |
| OSS name | vtsConnSrcVts |
| Read-only | no |
| Tab Panel | General VTS Connection Source |
| Type | LONG |

VTS Connection Destination Port**Table 3-5718 VTS Connection Destination Port**

| Name | Value |
|-----------------------|---|
| Description | Destination Port of the VTS connection. |
| Displayed name | VTS Connection Destination Port |
| Mandatory on creation | yes |
| OSS name | vtsConnDestPortId |
| Read-only | no |
| Tab Panel | General VTS Connection Destination |
| Type | POINTER |

VTS Connection ID**Table 3-5719 VTS Connection ID**

| Name | Value |
|----------------|---|
| Description | The connection id of the vts connection |
| Displayed name | VTS Connection ID |
| OSS name | vtsConnId |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

VTS Connection Name
Table 3-5720 VTS Connection Name

| Name | Value |
|-----------------------|--|
| Description | The description of the VTS connection. |
| Displayed name | VTS Connection Name |
| Mandatory on creation | yes |
| Maximum | 60 |
| Minimum | 1 |
| OSS name | vtsConnName |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

VTS Connection Source Port**Table 3-5721 VTS Connection Source Port**

| Name | Value |
|-----------------------|------------------------------------|
| Description | Source Port of the VTS connection. |
| Displayed name | VTS Connection Source Port |
| Mandatory on creation | yes |
| OSS name | vtsConnSrcPortId |
| Read-only | no |
| Tab Panel | General VTS Connection Source |
| Type | POINTER |

Wave Key Decoder parameters

Can Modify Power In

Table 3-5722 Can Modify Power In

| Name | Value |
|----------------|--|
| Description | Indicates whether or not the Detect point power can be modified. |
| Displayed name | Can Modify Power In |
| OSS name | canModifyPowerIn |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Can Modify Power Out

Table 3-5723 Can Modify Power Out

| Name | Value |
|----------------|--|
| Description | Indicates whether or not the Detect point power can be modified. |
| Displayed name | Can Modify Power Out |
| OSS name | canModifyPowerOut |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Is Inferred In

Table 3-5724 Is Inferred In

| Name | Value |
|----------------|--|
| Description | Indicates whether or not the Detect point is inferred. |
| Displayed name | Is Inferred In |
| OSS name | isInferredIn |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Is Inferred Out

Table 3-5725 Is Inferred Out

| Name | Value |
|----------------|--|
| Description | Indicates whether or not the Detect point is inferred. |
| Displayed name | Is Inferred Out |
| OSS name | isInferredOut |
| Read-only | yes |
| Tab Panel | General General |
| Type | BOOL |

Wave Keys parameters

Channel Status

Table 3-5726 Channel Status

| Name | Value |
|--------------------------|---------------------|
| Description | Defines OCH status. |
| Displayed name | Channel Status |
| OSS name | wtkStatus |
| Read-only | no |
| Tab Panel | General General |
| Type | OchStatus |
| Enumerated types: | |
| Down | |
| Testing | |
| Unassigned | |
| Up | |

Direction

Table 3-5727 Direction

| Name | Value |
|----------------|-----------------------|
| Description | The signal direction. |
| Displayed name | Direction |

Table 3-5727 Direction (continued)

| Name | Value |
|--------------------------|-----------------|
| Mandatory on creation | yes |
| OSS name | direction |
| Read-only | no |
| Tab Panel | General General |
| Type | Direction |
| Enumerated types: | |
| In | |
| N/A | |
| Out | |

Expected Power**Table 3-5728 Expected Power**

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The power, expressed in units of mBm, associated with the expected Wave Keys. It is the average power of the Wave Keys. Current configurable range: -99.00 -40.00 to 11.00. |
| Displayed name | Expected Power |
| Maximum | 11 |
| Minimum | -99 |
| OSS name | wtkExpectedPower |
| Read-only | no |
| Step | 0.01 |
| Tab Panel | General General |
| Type | FLOAT |
| Units | dBm |

Expected Power Deviation**Table 3-5729 Expected Power Deviation**

| Name | Value |
|-------------|--|
| Default | yes:2.5 |
| Description | The allowed deviation of the expected power, expressed in units of mB. Current configurable range: 0 to 10.00. |

Table 3-5729 Expected Power Deviation (continued)

| Name | Value |
|----------------|---------------------------|
| Displayed name | Expected Power Deviation |
| Maximum | 10 |
| Minimum | 0 |
| OSS name | wtkExpectedPowerDeviation |
| Read-only | no |
| Step | 0.01 |
| Tab Panel | General General |
| Type | FLOAT |
| Units | dB |

Expected Power Tolerance**Table 3-5730 Expected Power Tolerance**

| Name | Value |
|----------------|---|
| Default | yes:0 |
| Description | The allowed tolerance of the expected power, expressed in units of mB. Current configurable range: 0 to 5.00. |
| Displayed name | Expected Power Tolerance |
| Maximum | 5 |
| Minimum | 0 |
| OSS name | wtkExpectedPowerTolerance |
| Read-only | no |
| Step | 0.01 |
| Tab Panel | General General |
| Type | FLOAT |
| Units | dB |

Frequency**Table 3-5731 Frequency**

| Name | Value |
|----------------|------------------|
| Description | The ITU channel. |
| Displayed name | Frequency |

Table 3-5731 Frequency (continued)

| Name | Value |
|--------------------------|-----------------|
| Mandatory on creation | yes |
| OSS name | channel |
| Read-only | no |
| Tab Panel | General General |
| Type | ITUChannel |
| Enumerated types: | |
| 1310 | |
| 1471 | |
| 1490 | |
| 1491 | |
| 1511 | |
| 1530 | |
| 1531 | |
| 1550 | |
| 1551 | |
| 1571 | |
| 1591 | |
| 1611 | |
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |
| 8705 | |
| 8710 | |

Table 3-5731 Frequency (continued)

| Name | Value |
|------|-------|
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |
| 8870 | |
| 8875 | |

Table 3-5731 Frequency (continued)

| Name | Value |
|------|-------|
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |
| 9035 | |
| 9040 | |

Table 3-5731 Frequency (continued)

| Name | Value |
|------|-------|
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |
| 9200 | |
| 9205 | |

Table 3-5731 Frequency (continued)

| Name | Value |
|------|-------|
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |
| 9365 | |
| 9370 | |

Table 3-5731 Frequency (continued)

| Name | Value |
|------|-------|
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |
| 9530 | |
| 9535 | |

Table 3-5731 Frequency (continued)

| Name | Value |
|------|-------|
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

Measured Power

Table 3-5732 Measured Power

| Name | Value |
|----------------|--|
| Default | yes:-99.0 |
| Description | The power, expressed in units of mBm, associated with the received Wave Keys. The value will be the average, over the sampling interval, of the Wave Keys. |
| Displayed name | Measured Power |
| OSS name | wtkPresentPower |
| Read-only | no |
| Tab Panel | General General |
| Type | FLOAT |
| Units | dBm |

OSNR

Table 3-5733 OSNR

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The OSNR, expressed in units of mB, associated with the received channel at the WTOCMA IN port. A value of -9900 is reported if power less than input threshold |
| Displayed name | OSNR |
| OSS name | wtocmaosnr |
| Read-only | no |
| Tab Panel | General General |
| Type | FLOAT |
| Units | dB |

OSNR Scan Time Stamp

Table 3-5734 OSNR Scan Time Stamp

| Name | Value |
|----------------|---|
| Description | The attribute indicates the time of the latest OSNR for each channel in LC. |
| Displayed name | OSNR Scan Time Stamp |
| OSS name | osnrTimeStamp |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |

Power At Monitored Port

Table 3-5735 Power At Monitored Port

| Name | Value |
|----------------|---|
| Default | yes:-99.0 |
| Description | The power, expressed in units of mBm, associated with the received channel at the associated monitored port. A value of -9900 is reported if power less than input threshold. |
| Displayed name | Power At Monitored Port |
| OSS name | wto cmPowerAtMoniPort |
| Read-only | no |
| Tab Panel | General General |

Table 3-5735 Power At Monitored Port (continued)

| Name | Value |
|-------|-------|
| Type | FLOAT |
| Units | dBm |

Power Management Type**Table 3-5736 Power Management Type**

| Name | Value |
|--------------------------|-------------------------------|
| Default | no |
| Description | The type of power management. |
| Displayed name | Power Management Type |
| OSS name | powerMgmtType |
| Read-only | yes |
| Tab Panel | General General |
| Type | PowerMgmtType |
| Enumerated types: | |
| Auto | |
| Hybrid | |
| Manual | |

Wave Key 1**Table 3-5737 Wave Key 1**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 1 |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | wtkExpectedWk1 |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Wave Key 2**Table 3-5738 Wave Key 2**

| Name | Value |
|----------------|--|
| Default | yes:0 |
| Description | One of many possible Wave Keys expected to be riding on a particular channel. A value of zero indicates no Wave Key expected. Current configurable range: 0 to 4096. |
| Displayed name | Wave Key 2 |
| Maximum | 4096 |
| Minimum | 0 |
| OSS name | wtkExpectedWk2 |
| Read-only | no |
| Tab Panel | General General |
| Type | LONG |

Wave Key Processing State**Table 3-5739 Wave Key Processing State**

| Name | Value |
|---|---------------------------|
| Default | yes:notProvNotPresent |
| Description | Processing State |
| Displayed name | Wave Key Processing State |
| OSS name | wtoCmProcessingState |
| Read-only | no |
| Tab Panel | General General |
| Type | WtoCmProcessingStateType |
| Enumerated types: | |
| Not Provisioned And Channel Not Present | |
| Not Provisioned And Channel Present No Keys | |
| Not Provisioned And Hardware Fault | |
| Not Provisioned And Unconfirmed | |
| Not Provisioned And Unexpected | |
| Provisioned And Channel Not Present | |
| Provisioned And Channel Present | |
| Provisioned And Channel Present No Keys | |
| Provisioned And Confirmed | |

Table 3-5739 Wave Key Processing State (continued)

| Name | Value |
|--|-------|
| Provisioned And Hardware Fault | |
| Provisioned And Unconfirmed | |
| Provisioned And Unexpected | |
| Provisioned With Expected And Unexpected | |

Wave Keys Present**Table 3-5740 Wave Keys Present**

| Name | Value |
|----------------|---|
| Description | A indication that the two expected Wave Keys are present on a particular channel. |
| Displayed name | Wave Keys Present |
| OSS name | wtkReceived |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

WaveLength Tracker Domains parameters**Channel****Table 3-5741 Channel**

| Name | Value |
|--------------------------|------------------|
| Default | yes:unAssigned |
| Description | The ITU channel. |
| Displayed name | Channel |
| Mandatory on creation | yes |
| OSS name | channel |
| Read-only | no |
| Tab Panel | General General |
| Type | ITUChannel |
| Enumerated types: | |
| | 1310 |
| | 1471 |

Table 3-5741 Channel (continued)

| Name | Value |
|------|-------|
| 1490 | |
| 1491 | |
| 1511 | |
| 1530 | |
| 1531 | |
| 1550 | |
| 1551 | |
| 1571 | |
| 1591 | |
| 1611 | |
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |

Table 3-5741 Channel (continued)

| Name | Value |
|------|-------|
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |

Table 3-5741 Channel (continued)

| Name | Value |
|------|-------|
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |

Table 3-5741 Channel (continued)

| Name | Value |
|------|-------|
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |

Table 3-5741 Channel (continued)

| Name | Value |
|------|-------|
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |

Table 3-5741 Channel (continued)

| Name | Value |
|------|-------|
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |

Table 3-5741 Channel (continued)

| Name | Value |
|------|-------|
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

Unlocked Duplicate**Table 3-5742 Unlocked Duplicate**

| Name | Value |
|-----------------------|---|
| Default | yes:false |
| Description | Indicates whether the OCH frequency is unlocked for use of duplicate Wave Keys. Only applicable where the WtDomainNumber applies. |
| Displayed name | Unlocked Duplicate |
| Mandatory on creation | yes |
| OSS name | unlockedForDuplicates |
| Read-only | no |
| Tab Panel | General General |
| Type | BOOL |

WaveKey Usage Percentage**Table 3-5743 WaveKey Usage Percentage**

| Name | Value |
|-----------------------|---|
| Description | Percentage of unique WT key combinations that have been utilized for a given Och frequency. Percentage greater than 100 indicates re-use of combinations. Only applicable where the WtDomainNumber applies. |
| Displayed name | WaveKey Usage Percentage |
| Mandatory on creation | yes |
| OSS name | waveKeyUsagePercent |
| Read-only | no |

Table 3-5743 WaveKey Usage Percentage (continued)

| Name | Value |
|-------------|-----------------|
| Tab Panel | General General |
| Type | LONG |

WSS Attenuation (Wr8c88aAttenPortConfig, optical) parameters

Current Relative Attenuation

Table 3-5744 Current Relative Attenuation

| Name | Value |
|----------------|---|
| Default | yes:N/A |
| Description | The attenuation, expressed in units of mBm, is associated with the WSS channel attenuation. This is the current relative attenuation. Current range: 0 to 1500. |
| Displayed name | Current Relative Attenuation |
| OSS name | wssAttenPortInfoWssCurrentRelativeAtten |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |
| Units | dB |

Frequency

Table 3-5745 Frequency

| Name | Value |
|--------------------------|------------------|
| Description | The ITU channel. |
| Displayed name | Frequency |
| Mandatory on creation | yes |
| OSS name | tnChannel |
| Read-only | no |
| Tab Panel | General General |
| Type | ITUChannel |
| Enumerated types: | |
| | 1310 |

Table 3-5745 Frequency (continued)

| Name | Value |
|------|-------|
| 1471 | |
| 1490 | |
| 1491 | |
| 1511 | |
| 1530 | |
| 1531 | |
| 1550 | |
| 1551 | |
| 1571 | |
| 1591 | |
| 1611 | |
| 1625 | |
| 850 | |
| 8650 | |
| 8655 | |
| 8660 | |
| 8665 | |
| 8670 | |
| 8675 | |
| 8680 | |
| 8685 | |
| 8690 | |
| 8695 | |
| 8700 | |
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |

Table 3-5745 Frequency (continued)

| Name | Value |
|------|-------|
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |
| 8865 | |
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |

Table 3-5745 Frequency (continued)

| Name | Value |
|------|-------|
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |
| 9030 | |
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |

Table 3-5745 Frequency (continued)

| Name | Value |
|------|-------|
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |
| 9195 | |
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |

Table 3-5745 Frequency (continued)

| Name | Value |
|------|-------|
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |
| 9360 | |
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |

Table 3-5745 Frequency (continued)

| Name | Value |
|------|-------|
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |
| 9525 | |
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |

Table 3-5745 Frequency (continued)

| Name | Value |
|------|-------|
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

WSS Attenuation**Table 3-5746 WSS Attenuation**

| Name | Value |
|----------------|---|
| Default | yes:15.00 |
| Description | The attenuation, expressed in units of dB, associated with the WSS channel attenuation. |
| Displayed name | WSS Attenuation |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | tnWr8c88aPortConfigWssAtten |
| Read-only | no |
| Tab Panel | General General |
| Type | FLOAT |
| Units | dB |

WSS Attenuation (WssAttenuation, optical) parameters

Applicability

Table 3-5747 Applicability

| Name | Value |
|----------------------------|---|
| Description | The applicability of WSS attenuation, values include: notApplicable (1) - no XC is configured for this channel. applicableAndAvailable (2) - XC is configured for this channel. |
| Displayed name | Applicability |
| OSS name | applicability |
| Read-only | no |
| Tab Panel | General General |
| Type | Applicability |
| Enumerated types: | |
| Applicable And Available | |
| Applicable And Unavailable | |
| Not Applicable | |

Current Relative Attenuation

Table 3-5748 Current Relative Attenuation

| Name | Value |
|----------------|---|
| Default | yes:N/A |
| Description | The attenuation, expressed in units of mBm, is associated with the WSS channel attenuation. This is the current relative attenuation. Current range: 0 to 1500. |
| Displayed name | Current Relative Attenuation |
| OSS name | wssCurrentRelativeAttenuation |
| Read-only | no |
| Tab Panel | General General |
| Type | STRING |
| Units | dB |

Frequency
Table 3-5749 Frequency

| Name | Value |
|--------------------------|------------------|
| Description | The ITU channel. |
| Displayed name | Frequency |
| Mandatory on creation | yes |
| OSS name | channel |
| Read-only | no |
| Tab Panel | General General |
| Type | ITUChannel |
| Enumerated types: | |
| | 1310 |
| | 1471 |
| | 1490 |
| | 1491 |
| | 1511 |
| | 1530 |
| | 1531 |
| | 1550 |
| | 1551 |
| | 1571 |
| | 1591 |
| | 1611 |
| | 1625 |
| | 850 |
| | 8650 |
| | 8655 |
| | 8660 |
| | 8665 |
| | 8670 |
| | 8675 |
| | 8680 |
| | 8685 |
| | 8690 |
| | 8695 |

Table 3-5749 Frequency (continued)

| Name | Value |
|------|-------|
| 8700 | |
| 8705 | |
| 8710 | |
| 8715 | |
| 8720 | |
| 8725 | |
| 8730 | |
| 8735 | |
| 8740 | |
| 8745 | |
| 8750 | |
| 8755 | |
| 8760 | |
| 8765 | |
| 8770 | |
| 8775 | |
| 8780 | |
| 8785 | |
| 8790 | |
| 8795 | |
| 8800 | |
| 8805 | |
| 8810 | |
| 8815 | |
| 8820 | |
| 8825 | |
| 8830 | |
| 8835 | |
| 8840 | |
| 8845 | |
| 8850 | |
| 8855 | |
| 8860 | |

Table 3-5749 Frequency (continued)

| Name | Value |
|------|-------|
| 8865 | |
| 8870 | |
| 8875 | |
| 8880 | |
| 8885 | |
| 8890 | |
| 8895 | |
| 8900 | |
| 8905 | |
| 8910 | |
| 8915 | |
| 8920 | |
| 8925 | |
| 8930 | |
| 8935 | |
| 8940 | |
| 8945 | |
| 8950 | |
| 8955 | |
| 8960 | |
| 8965 | |
| 8970 | |
| 8975 | |
| 8980 | |
| 8985 | |
| 8990 | |
| 8995 | |
| 9000 | |
| 9005 | |
| 9010 | |
| 9015 | |
| 9020 | |
| 9025 | |

Table 3-5749 Frequency (continued)

| Name | Value |
|------|-------|
| 9030 | |
| 9035 | |
| 9040 | |
| 9045 | |
| 9050 | |
| 9055 | |
| 9060 | |
| 9065 | |
| 9070 | |
| 9075 | |
| 9080 | |
| 9085 | |
| 9090 | |
| 9095 | |
| 9100 | |
| 9105 | |
| 9110 | |
| 9115 | |
| 9120 | |
| 9125 | |
| 9130 | |
| 9135 | |
| 9140 | |
| 9145 | |
| 9150 | |
| 9155 | |
| 9160 | |
| 9165 | |
| 9170 | |
| 9175 | |
| 9180 | |
| 9185 | |
| 9190 | |

Table 3-5749 Frequency (continued)

| Name | Value |
|------|-------|
| 9195 | |
| 9200 | |
| 9205 | |
| 9210 | |
| 9215 | |
| 9220 | |
| 9225 | |
| 9230 | |
| 9235 | |
| 9240 | |
| 9245 | |
| 9250 | |
| 9255 | |
| 9260 | |
| 9265 | |
| 9270 | |
| 9275 | |
| 9280 | |
| 9285 | |
| 9290 | |
| 9295 | |
| 9300 | |
| 9305 | |
| 9310 | |
| 9315 | |
| 9320 | |
| 9325 | |
| 9330 | |
| 9335 | |
| 9340 | |
| 9345 | |
| 9350 | |
| 9355 | |

Table 3-5749 Frequency (continued)

| Name | Value |
|------|-------|
| 9360 | |
| 9365 | |
| 9370 | |
| 9375 | |
| 9380 | |
| 9385 | |
| 9390 | |
| 9395 | |
| 9400 | |
| 9405 | |
| 9410 | |
| 9415 | |
| 9420 | |
| 9425 | |
| 9430 | |
| 9435 | |
| 9440 | |
| 9445 | |
| 9450 | |
| 9455 | |
| 9460 | |
| 9465 | |
| 9470 | |
| 9475 | |
| 9480 | |
| 9485 | |
| 9490 | |
| 9495 | |
| 9500 | |
| 9505 | |
| 9510 | |
| 9515 | |
| 9520 | |

Table 3-5749 Frequency (continued)

| Name | Value |
|------|-------|
| 9525 | |
| 9530 | |
| 9535 | |
| 9540 | |
| 9545 | |
| 9550 | |
| 9555 | |
| 9560 | |
| 9565 | |
| 9570 | |
| 9575 | |
| 9580 | |
| 9585 | |
| 9590 | |
| 9595 | |
| 9600 | |
| 9605 | |
| BW | |
| None | |

Provisioned WSS Attenuation**Table 3-5750 Provisioned WSS Attenuation**

| Name | Value |
|----------------|---|
| Default | yes:15.00 |
| Description | The attenuation, expressed in units of dB, associated with the WSS channel attenuation. |
| Displayed name | Provisioned WSS Attenuation |
| Maximum | 15 |
| Minimum | 0 |
| OSS name | wssAttenuation |
| Read-only | no |
| Tab Panel | General General |
| Type | FLOAT |

Table 3-5750 Provisioned WSS Attenuation (continued)

| Name | Value |
|-------|-------|
| Units | dB |