SIP Phone Support (SPS)

MediaPack[™] MP-1xx

SIP Protocol

Configuration Note

Setting up FXS Lines on MP-1xx for SIP Phone Support







AudioCodes

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This document describes the procedures for setting up FXS lines using AudioCodes MP-1xx for AudioCodes SPS (SIP Phone Support)

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Related Documentation

Manual Name
MP-11x Installation Manual
MP-11x User's Manual
SPS for Lync Quick Start Guide

1 Overview

This document describes the procedures for setting up FXS lines using AudioCodes MP-1xx for AudioCodes SPS (SIP Phone Support).





Reader's Notes

2 Setting Up FXS Lines on MP-1xx

Before setting up the FXS lines, you need to create an SPS user in the SPS Web Admin Tool. Follow the instructions on how to create a new SPS user in the "Adding a User via the SPS Web Admin" section of *SPS for Lync Quick Start Guide*.

To set up FXS lines on the MP-1xx for the SPS, follow the steps described below.



Note: For FXS lines only create an SPS User as there is no need to define a device for this user.

2.1 Configuring the SPS as a Proxy

The procedure below describes how to configure the SPS as a Proxy.

> To configure the SPS as Proxy:

1. Click on Configuration > VoIP > Control Network > Proxy Sets Table; the Proxy Sets Table page opens.

Proxy Sets Table		
▼		
Proxy Set ID 0		
Proxy Address Transport Type	E	
2 → 1 10.21.0.194		
2		
3		
4		
5	_	
	·	Submit

Figure 2-1: Proxy Sets Table

- 2. In the 'Proxy Address' field, insert the IP address of the SPS.
- 3. Click Submit.



2.2 Defining the Gateway Name

The procedure below describes how to define the gateway name.

- > To define the gateway name:
- 1. Click Configuration > VoIP > SIP Definitions > Proxy & Registration; the Proxy & Registration page opens.

Figure	2-2:	Proxy	&	Registration
--------	------	-------	---	--------------

Use Default Proxy	
Use Default Proxy	
	Yes 👻
Proxy Set Table	
Proxy Name	
Redundancy Mode	Parking -
Proxy IP List Refresh Time	60
Enable Fallback to Routing Table	Disable 👻
Prefer Routing Table	No 👻
Use Routing Table for Host Names and Profiles	Disable 👻
Always Use Proxy	Disable 👻
Redundant Routing Mode	Routing Table 🗸
SIP ReRouting Mode	Standard Mode 👻
Enable Registration	Enable 👻
Registrar Name	
Registrar IP Address	
Registrar Transport Type	Not Configured 👻
Registration Time	180
Re-registration Timing [%]	50
Registration Retry Time	30
Registration Time Threshold	0
Re-register On INVITE Failure	Disable 👻
ReRegister On Connection Failure	Disable 👻
Gateway Name 2	

- 2. Insert the Domain Name in the Gateway name field.
- 3. Click Register.
- 4. Click Submit.

2.3 Enabling the G.711 Codec

The procedure below describes how to enable the G.711 codec.

- **To enable the G.711 codec:**
- Click Configuration > VoIP > Coders and Profiles > Coders; the Coders Table page opens:

Figure	2-3:	Coders	Table
--------	------	--------	-------

	Coder Name		Packetiza	tion Time	Ra	te	Payload Type	Silence Suppression
 \rightarrow	G.711U-law	•	20	•	64	-	0	Disabled -
 →	G.711A-law	•	20	•	64	•	8	Disabled -
		•		•		•		•
		-		•		-		_

- 2. On the first line, from the 'Coder name' drop-down list, select **G.711U-law**.
 - From the 'Packetization Time' drop-down list, select **20**.
 - From the 'Rate' drop-down list, select **64**.
 - From the 'Silence Suppression', select **Disabled**.
- 3. On the second line, from the 'Coder name' drop-down list, select **G.711A-law**.
 - From the 'Packetization Time' drop-down list, select 20.
 - From the 'Rate' drop-down list, select 64.
 - From the 'Silence Suppression', select **Disabled**.
- 4. Click Submit.



2.4 Assigning User Name to FXS Port

The procedure below describes how to assign a User Name to the FXS Port.

To assign user name to FXS port:

1. Click Configuration > VoIP > GW and IP to IP > Hunt Group > Endpoint Phone Number; the Endpoint Phone Number Table page opens.

Endpoir	nt Phone Number Table			
	Channel(s)	Phone Number	Hunt Group ID	Tel Profile ID
→	1	User1	1	0
2				
3				
4				
5				
6				

Figure 2-4: Endpoint Phone Number Table

- 2. For each FXS line, do the following.
 - In the 'Channel(s)' field, enter the FXS port number.
 - In the 'Phone Number' field, enter the User Name in the SPS that you want to assign to this FXS port.
- 3. Click Submit.

2.5 **Configuring the Hunt Group**

The procedure below describes how to configure the Hunt Group.

> To configure the Hunt Group:

1. Click Configuration > VoIP > GW and IP to IP > Hunt Group > Hunt Group Settings; the Hunt Group Settings page opens.

Figure 2-5: Hunt Group Settings

-	Hunt G	roup Setting	js									
							Basic Param					
		•	(3)									
		Index	T	1-12 🔻								
		Hunt Group ID	Channel Select Mode	Registration Mode	Serving IP Group ID	Gateway Name	Contact User					
2-	\rightarrow	1	By Dest Phone Number 👻	•	-							
		2	-	-	•							
		3	-	-	•							
		4	-		-							
				-l								

- 2. In the 'Hunt Group' field, enter "1".
- 3. From the 'Channel Select Mode' drop-down list, select **By Dest Phone Number**.
- 4. Click Submit.



2.6 Configuring IP to Hunt Group Routing

The procedure below describes how to configure IP to Hunt Group Routing.

> To configure IP to Hunt group routing:

1. Click Configuration > VoIP > GW and IP to IP > Routing > IP to Trunk Group Routing; the IP to Hunt Group Routing Table page opens.

Figure 2-6: IP to Hunt Group Routing Table

IP 7	To Hunt Group Routing Table	8									
	4								5	6 Param	
		~	•						T I	T	
		Routing Index	Routing Index			1-12 🔻					
	2-	IP To Tel Routing	IP To Tel Routing Mode Route calls before manipulation						↓	\downarrow	
							-	Hunt Group	TP Profile	Source IPGroup	
	Dest. Host Prefix	Source Host Prefix	Dest. Phone Prefix	Source	e Phone Prefix	Source IP Address	>	ID	ID	ID	
	1	$3 \rightarrow$	*					1	0	-1	
:	2										
	3										
	4										

- 2. From the IP to Tel Routing Mode drop-down list, select Route calls before manipulation.
- 3. In the 'Dest Phone Prefix' field, enter "*".
- 4. In the 'Hunt Group ID' field, enter "1".
- 5. In the 'IP Profile ID' field, enter "0".
- 6. In the 'Source IPGroup ID' field, enter "-1".
- 7. Click Submit.

2.7 **Configuring Port Authentication**

The procedure below describes how to configure Port Authentication.

To set port authentication:

1. Click Configuration > VoIP > GW and IP to IP > Analog Gateway > Authentication; the Authentication page opens.

Figure 2-7: Authentication

	A	utnentication					
		Gateway Port	User Name		Password		
2-	\rightarrow	Port 1 FXS	User6]	****		
		Port 2 FXS					
		Port 3 FXS					
		Port 4 FXS					
		Port 5 FXS					
		Port 6 FXS					

- 2. For each of the FXS ports do the following:
 - In the User Name field, enter the User Name in the SPS that you want to assign to this FXS port.



Note: The user name is case sensitive and must be the same as the user name that was created in the SPS Admin.

• In the **Password** field, type the SIP Password that was defined in the SPS.

3. Click Submit.



2.8 Registering the FXS Port

The procedure below describes how to register the FXS port.

> To register the user name to FXS port:

1. Click Configuration > VoIP > GW and IP to IP > Hunt Group > Endpoint Phone Number; the Endpoint Phone Number Table page opens.

Figure 2-8: Endpoint Phone Number Table

	Channel(s)	Phone Number	Hunt Group ID	Tel Profile ID
1	1	User6	1	0
2				
3				
4				
5				
~				



- 2. Click Register.
- 3. Verify in the SPS Web interface that the FXS port was registered.
- 4. Click Submit.

2.9 Verifying FXS Port Registration in the SPS

The procedure below describes how to verify FXS port registration in the SPS.

> To verify FXS port registration in the SPS:

1. In the SPS Web Admin, click Status & Diagnostics > System Status > Phones Status; the Search Online Phones page opens.

Figure 2-9: Search Online Phones

Search Online Phones (Auto refresh page)											
Search user6 GO											
s	Gearch "user6"		<-first	prev next last	-> Showing 1 to 1 o	f 1 users					
_	User Name 🔺	Line URI	Device User-Agent	IP	Expire time						
	user6 🛈	tel:+97237678006	Audiocodes-Sip-Gateway-MP-1 🛈	10.21.0.90:5060	2013-01-20 11:02:46	🤣 🗟 🍫					

2. In the 'Search' field, enter the user name and click **GO**. The search results show that the user is registered and displays the user's online status.

Version 3.0



Configuration Note

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