



Installation Guide | PUBLIC

ABAP Post-Copy Automation

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ABAP Post-Copy Automation Installation Guide

Content

- 1 Introduction. 3**
- 2 Document History. 4**
- 3 Before You Start. 8**
 - 3.1 SAP Notes for the Installation. 8
 - 3.2 General Quick Links. 9
- 4 Prerequisites. 10**
 - 4.1 Minimum Requirements. 10
 - 4.2 Profile Parameter. 11
 - 4.3 Minimum Requirements for R3trans. 12
- 5 Installation. 13**
 - 5.1 Installing ABAP Post-Copy Automation (PCA). 13
 - 5.2 Installing SAP Business Warehouse ABAP Post-Copy Automation (BW PCA). 21
 - Installation Using Transport-Based Correction Instructions. 35
 - Installation Using Note Analyzer. 37
 - 5.3 Enabling ABAP Post-Copy Automation Task Lists. 41
 - 5.4 Disabling ABAP Post-Copy Automation Task Lists. 41
- 6 Post-Installation. 43**
 - 6.1 Setting ABAP System Profile Parameters. 43
 - 6.2 ABAP Post-Copy Automation Configuration. 44
 - 6.3 ABAP Post-Copy Automation with SAP Landscape Management. 44
 - 6.4 ABAP Post-Copy Automation with ABAP Task Manager for Lifecycle Management Automation 44
- 7 Troubleshooting. 46**
 - 7.1 Troubleshooting SAP Note. 46
 - 7.2 Activating SAP Notes Manually. 46

1 Introduction

This document describes how to install ABAP post-copy automation (PCA).

ABAP PCA provides task lists with a predefined sequence of configuration tasks to configure extensive technical scenarios automatically.

ABAP PCA is part of SAP Landscape Management, enterprise edition software and SAP Landscape Management Cloud software. To use ABAP PCA, you must either own an SAP Landscape Management, enterprise edition license or an SAP Landscape Management Cloud subscription.

To run ABAP PCA task lists, you use the following:

- SAP Landscape Management, enterprise edition
You start the execution of a task list in the SAP Landscape Management environment.
- SAP Landscape Management Cloud
You start the execution of a task list in the SAP Landscape Management Cloud environment.
- ABAP task manager for lifecycle management automation
From a specific release and Support Package level, the ABAP task manager for lifecycle management automation is part of every ABAP system. In addition to the licensed ABAP PCA configuration tasks, SAP offers several nonlicensed ABAP automation tasks for an automated initial setup.

Disclaimer: Nonlicensed usage and storage of ABAP post-copy automation tasks and task list is strictly forbidden. Before you unsubscribe from SAP Landscape Management Cloud or return your SAP Landscape Management, enterprise edition license, you must uninstall all ABAP post-copy automation tasks and task list.

Related Information

[SAP Landscape Management 3.0, enterprise edition](#)

[SAP Landscape Management Cloud](#)

2 Document History

Before you start, make sure that you have the latest version of this document.

The following table provides an overview of the most important document changes.

Version	Date	Description
31.0	2023-07-17	The installation section has been changed. For more information, see Installation [page 13] .
30.0	2023-05-09	The prerequisites have been changed. For more information, see Prerequisites [page 10] .
29.0	2022-06-17	The prerequisites have been changed. For more information, see Prerequisites [page 10] .
28.0	2022-06-15	The prerequisites have been changed. For more information, see Prerequisites [page 10] .
27.0	2022-05-19	The prerequisites have been changed. For more information, see Profile Parameter [page 11] .
26.0	2021-12-08	The prerequisites have been changed. For more information, see Prerequisites [page 10] .
25.0	2021-10-11	ABAP post-copy automation (PCA) is now bundled with the SAP Landscape Management Cloud subscription.
24.0	2021-07-06	The installation section has been changed. For more information, see Installation [page 13] .
23.0	2021-03-08	The prerequisites have been changed. For more information, see Prerequisites [page 10] .

Version	Date	Description
22.0	2021-02-16	<p>The prerequisites have been enhanced. For more information, see Prerequisites [page 10].</p> <p>The installation section has been enhanced. For more information, see Installing ABAP Post-Copy Automation (PCA) [page 13].</p>
21.0	2021-01-01	<p>The section <i>Post-Copy Automation Installer</i> has been removed.</p>
20.0	2020-11-04	<p>The prerequisites have been refined. For more information, see Prerequisites [page 10].</p>
19.0	2020-07-22	<p>The minimum requirements for SAP NetWeaver have been refined.</p> <p>The installation section has been changed. For more information, see Installing ABAP Post-Copy Automation (PCA) [page 13].</p>
18.0	2020-05-18	<p>The section about using program Z_SAP_TCI_ANALYZER has been enhanced.</p> <p>For more information, see Using Program Z_SAP_TCI_ANALYZER [page 36]</p>
17.0	2020-02-04	<p>The chapters about installing or uninstalling the SAP Landscape Management enterprise edition license have been changed.</p> <p>For more information, see Enabling ABAP Post-Copy Automation Task Lists [page 41] and Disabling ABAP Post-Copy Automation Task Lists [page 41].</p>
16.0	2019-11-21	<p>Minor changes</p>
15.0	2019-11-13	<p>The minimum requirements have been changed.</p> <p>The installation section has been changed.</p>

Version	Date	Description
14.0	2019-05-27	The minimum requirements have been changed.
13.0	2018-11-09	The description of the installation procedure has been changed. For more information, see Installing ABAP Post-Copy Automation (PCA) [page 13] .
12.0	2018-10-10	The prerequisites for implementing SAP Notes using TCI have been changed.
11.0	2018-03-05	The prerequisites for implementing SAP Notes using TCI have been changed.
10.0	2017-12-14	The minimum requirements for the SAP kernel version have been changed. The chapter <i>SAP Note Transport-Based Correction Instructions</i> has been changed.
9.0	2017-10-04	The chapter <i>SAP Note Transport-Based Correction Instructions</i> has been changed.
8.0	2016-09-23	The SAP Notes for the Installation have been enhanced. For more information, see SAP Notes for the Installation [page 8] . You have now the option to install SAP Notes required for PCA by using SAP Note Transport-Based Correction Instructions (TCI).
7.0	2016-02-18	The chapter <i>Installing the Enterprise Edition License</i> has been enhanced for SAP S/4HANA systems. For more information, see Enabling ABAP Post-Copy Automation Task Lists [page 41] .

Version	Date	Description
6.0	2015-12-10	<p>The related information for implementing the latest note assistant updates has been enhanced.</p> <p>The prerequisites are enhanced for SAP NetWeaver 7.50 systems. For more information, see Prerequisites [page 10].</p> <p>The prerequisites for installing or uninstalling the SAP Landscape Management enterprise edition license have been refined. For more information, see Enabling ABAP Post-Copy Automation Task Lists [page 41] and Disabling ABAP Post-Copy Automation Task Lists [page 41].</p>
5.0	2015-09-08	The installation information for the post-copy automation installer has been enhanced for AS/400.
4.0	2015-06-29	Minimum Requirements for SAP Kernel Version have been updated.
3.0	2014-12-18	<p>Information about program Z_SAP_NOTE_ANALYZER has been refined. For more information, see Installation Using Note Analyzer [page 37].</p> <p>The minimum requirements for SAP NetWeaver have been refined.</p>
2.0	2014-07-03	Minimum Requirements for SAP Business Suite Applications updated
1.2	2014-04-14	Terminology changes
1.1	2014-03-20	Minor changes
1.0	2014-03-17	Initial version

3 Before You Start

This section provides information about SAP Notes specific to installation plus information that is available on SAP Support Portal and other platforms.

3.1 SAP Notes for the Installation

You **must** read the following SAP Notes **before** you start the installation. These SAP Notes contain the most recent information on the installation, as well as corrections to the installation documentation.

Make sure that you have the up-to-date version of each SAP Note, which you can find on SAP Support Portal at <http://support.sap.com/notes>.

SAP Notes for the installation

SAP Note Number	Title	Description
1614266	<i>System Copy: Post Copy Automation (PCA) / SAP Landscape Management (LaMa)</i>	Installation note for the current release of the ABAP post-copy automation.
1707321	<i>BW System Copy: Note analyzer Post Copy Automation (BW-PCA)</i>	Installation note for the current release of the ABAP post-copy automation for SAP Business Warehouse.
3286562	<i>System Copy: Task Content TCI 7.0 including TC16</i>	Installation note for transport-based correction instruction (TCI) for ABAP task manager.
3202353	<i>Task Manager for Technical Configuration TCI 3.0 (Including 12. Improvements)</i>	Installation note for transport-based correction instruction (TCI) for ABAP task manager.
3052670	<i>Task Manager for Technical Configuration TCI 2.0 (Including 11. Improvements)</i>	Installation note for transport-based correction instruction (TCI) for ABAP task manager.
2191981	<i>Task Manager for Technical Configuration TCI 1.0 (Including 9. Improvements)</i>	Installation note for transport-based correction instruction (TCI) for ABAP task manager.
1709155	<i>System Provisioning with SAP Landscape Management</i>	Contains the latest information about system provisioning with SAP Landscape Management.
3007273	<i>Note Analyzer integration into SNOTE</i>	Installation note for the Note Analyzer.

SAP Note Number	Title	Description
1648480	<i>Maintenance for SAP Business Suite 7 Software including SAP NetWeaver</i>	Describes details, restrictions and impacts of the mainstream maintenance extension for SAP Business Suite 7 core applications and corresponding enhancement packages and add-ons through 2027.

SAP Notes that apply to ABAP post-copy automation

SAP Note Number	Title	Description
2350235	<i>SAP Landscape Management 3.0 - Enterprise Edition</i>	Contains the latest information about supported IT infrastructure elements.
1928090	<i>Handle PCA SAP Notes for SPDD/SPAU comparison</i>	Contains information about handling modification adjustments for SAP Notes.

3.2 General Quick Links

Title	Internet Address
SAP Notes	https://support.sap.com/notes
Product Availability Matrix	https://support.sap.com/pam
Installation and Upgrade Guides	https://help.sap.com/viewer/nwguidefinder
Sizing	https://sap.com/sizing
Security	https://sap.com/security
Post-Copy Automation	https://scn.sap.com/docs/DOC-43270

4 Prerequisites

This section describes the minimum requirements for using ABAP post-copy automation.

4.1 Minimum Requirements

i Note

Before you use ABAP post-copy automation, make sure that the following is identical on the source system and the target system:

- Task content version, for example TC16
- SAP_BASIS release
The support package level can differ within the same SAP_BASIS release
- Client amount
- Client IDs

→ Recommendation

To reduce manual effort and the number of SAP Notes to be implemented, deploy the latest available Support Package stack.

Minimum SAP_BASIS Release	Minimum SAP_BASIS Release for SAP Business Warehouse (SAP BW)	Minimum Requirements for SAP_BASIS Plug-In
SAP_BASIS 700 SP 14	SAP_BASIS 700 SP 17	PI_BASIS 2005.1_700 Patch 00 PI_BASIS 2006.1_700 Patch 00
SAP_BASIS 701 SP 00	SAP_BASIS 701 SP 02	PI_BASIS 701 SP 00
SAP_BASIS 702 SP 00	SAP_BASIS 702 SP 01	PI_BASIS 702 SP 01
SAP_BASIS 710 SP 14	not supported	not supported
SAP_BASIS 711 SP 09	SAP_BASIS 711 SP 02	PI_BASIS 711 SP 01
SAP_BASIS 730 SP 01	SAP_BASIS 730 SP 03	PI_BASIS 730 SP 01
SAP_BASIS 731 SP 05	SAP_BASIS 731 SP 04	PI_BASIS 731 SP 04
SAP_BASIS 740 SP 08	SAP_BASIS 740 SP 02	PI_BASIS 740 SP 02
SAP_BASIS 750 SP 05	SAP_BASIS 750 SP 00	PI_BASIS is merged into SAP_BW
SAP_BASIS 751 SP 00	SAP_BASIS 751 SP 00	PI_BASIS is merged into SAP_BW

Minimum SAP_BASIS Release	Minimum SAP_BASIS Release for SAP Business Warehouse (SAP BW)	Minimum Requirements for SAP_BASIS Plug-In
SAP_BASIS 752 SP 00	SAP_BASIS 752 SP 00	PI_BASIS is merged into SAP_BW
SAP_BASIS 753 SP 00	SAP_BASIS 753 SP 00	PI_BASIS is merged into SAP_BW
SAP_BASIS 754 SP 00	SAP_BASIS 754 SP 00	PI_BASIS is merged into SAP_BW
SAP_BASIS 755 SP 00	SAP_BASIS 755 SP 00	PI_BASIS is merged into SAP_BW
SAP_BASIS 756 SP 00	SAP_BASIS 756 SP 00	PI_BASIS is merged into SAP_BW
SAP_BASIS 757 SP 00	SAP_BASIS 757 SP 00	PI_BASIS is merged into SAP_BW

Related Information

[SAP Note 1648480 - Maintenance for SAP Business Suite 7 Software including SAP NetWeaver](#)

4.2 Profile Parameter

ctc/allow_systemcopy_postconfig

You must not execute post-copy automation tasks in a productive system. Therefore, you've to set the profile parameter `ctc/allow_systemcopy_postconfig` in the DEFAULT profile:

Profile Parameter	Description
<code>ctc/allow_systemcopy_postconfig = 1</code>	Allows post-copy automation. By setting this profile parameter, you confirm that you don't use a productive system for executing post-copy automation tasks. Set this profile parameter, for example, in a copied system to protect your source system.
<code>ctc/allow_systemcopy_postconfig = 0</code>	Denies post-copy automation. Set this profile parameter in productive systems.

ctc/export_data

To determine the export directory for export files (such as table content, task list runs, or task list variants) for the system copy refresh scenario, set the parameter `ctc/export_data = <Directory for export files>` on the copied system. The default value is the path from profile parameter `DIR_GLOBAL`.

Related Information

[Setting ABAP System Profile Parameters \[page 43\]](#)

4.3 Minimum Requirements for R3trans

Minimum requirements for the R/3 transport program R3trans.

Use R3trans version from 24.03.17 or later.

5 Installation

[Installing ABAP Post-Copy Automation \(PCA\) \[page 13\]](#)

This section describes the installation procedure for using ABAP post-copy automation (PCA).

[Installing SAP Business Warehouse ABAP Post-Copy Automation \(BW PCA\) \[page 21\]](#)

This section describes the installation procedure for using SAP Business Warehouse ABAP post-copy automation (BW PCA).

[Enabling ABAP Post-Copy Automation Task Lists \[page 41\]](#)

The add-on `PCAI_ENT 100` or an ABAP system-specific task lists key enables the use of ABAP post-copy automation (PCA) and the execution of PCA task lists.

[Disabling ABAP Post-Copy Automation Task Lists \[page 41\]](#)

Depending on how you've enabled ABAP post-copy automation (PCA) task lists, you disable the task lists either by installing an add-on or by deleting a created key file.

5.1 Installing ABAP Post-Copy Automation (PCA)

This section describes the installation procedure for using ABAP post-copy automation (PCA).

Prerequisites

You comply with the requirements for using ABAP post-copy automation.

For more information, see [Prerequisites \[page 10\]](#).

Procedure

Filter the table data based on your SAP NetWeaver release and perform the steps as described for your Support Package stack.

→ Recommendation

To reduce manual effort and the number of SAP Notes to be implemented, deploy the latest available Support Package stack.

SAP_BASIS Release	Support Package	Installation Instructions
701	SP 00 SP 01 SP 02 SP 03 SP 04 SP 05 SP 06 SP 07 SP 08	<ol style="list-style-type: none"> In transaction SNOTE, choose Goto > Other Tool > Launch Note Analyzer. <div style="border: 1px solid #ccc; background-color: #f0f0f0; padding: 5px; margin: 5px 0;"> <p>i Note</p> <p>If the note analyzer tool is not enabled, see SAP Note 3007273.</p> </div> <ol style="list-style-type: none"> Use the XML file <code>Basis_Content_<version>.xml</code> attached to SAP Note 1614266.
701	SP 09 SP 10 SP 11 SP 12	<ol style="list-style-type: none"> Perform the following manual activities: <ul style="list-style-type: none"> 1714286 1737215 2076390 2145181 In transaction SNOTE, choose Goto > Other Tool > Launch Note Analyzer. <div style="border: 1px solid #ccc; background-color: #f0f0f0; padding: 5px; margin: 5px 0;"> <p>i Note</p> <p>If the note analyzer tool is not enabled, see SAP Note 3007273.</p> </div> <ol style="list-style-type: none"> Use the XML file <code>Basis_Content_<version>.xml</code> attached to SAP Note 1614266. Implement SAP Notes based on the result of the note analyzer from top down. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP).

SAP_BASIS Release	Support Package	Installation Instructions
701	SP 13 SP 14 SP 15 SP 16	<ol style="list-style-type: none"> Perform the following manual activities: <ul style="list-style-type: none"> 2076390 2145181 In transaction SNOTE, choose Goto > Other Tool > Launch Note Analyzer. <div style="border: 1px solid #ccc; background-color: #f0f0f0; padding: 5px; margin: 5px 0;"> <p>i Note</p> <p>If the note analyzer tool is not enabled, see SAP Note 3007273.</p> </div> <ol style="list-style-type: none"> Use the XML file <code>Basis_Content_<version>.xml</code> attached to SAP Note 1614266. Implement SAP Notes based on the result of the note analyzer from top down. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP).
701	SP 17	<ol style="list-style-type: none"> Perform the following manual activity: <ul style="list-style-type: none"> 2145181 In transaction SNOTE, choose Goto > Other Tool > Launch Note Analyzer. <div style="border: 1px solid #ccc; background-color: #f0f0f0; padding: 5px; margin: 5px 0;"> <p>i Note</p> <p>If the note analyzer tool is not enabled, see SAP Note 3007273.</p> </div> <ol style="list-style-type: none"> Use the XML file <code>Basis_Content_<version>.xml</code> attached to SAP Note 1614266. Implement SAP Notes based on the result of the note analyzer from top down. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP).

SAP_BASIS Release	Support Package	Installation Instructions
701	SP 18 or higher	<ol style="list-style-type: none"> In transaction SNOTE, choose ► Goto ► Other Tool ► Launch Note Analyzer ►. <div style="background-color: #f0f0f0; padding: 5px; margin: 5px 0;"> <p>i Note</p> <p>If the note analyzer tool is not enabled, see SAP Note 3007273 ►.</p> </div> <ol style="list-style-type: none"> Use the XML file <code>Basis_Content_<version>.xml</code> attached to SAP Note 1614266 ►. Implement SAP Notes based on the result of the note analyzer from top down. Implement SAP Note 1771909 ► - System Copy: Corrections for Web Service (SOAP).
702	SP 00 SP 01 SP 02 SP 03 SP 04 SP 05 SP 06	<ol style="list-style-type: none"> In transaction SNOTE, choose ► Goto ► Other Tool ► Launch Note Analyzer ►. <div style="background-color: #f0f0f0; padding: 5px; margin: 5px 0;"> <p>i Note</p> <p>If the note analyzer tool is not enabled, see SAP Note 3007273 ►.</p> </div> <ol style="list-style-type: none"> Use the XML file <code>Basis_Content_<version>.xml</code> attached to SAP Note 1614266 ►.
702	SP 07 SP 08 SP 09 SP 10 SP 11	<ol style="list-style-type: none"> Perform the following manual activities: <ul style="list-style-type: none"> 1714286 ► 1737215 ► 2076390 ► 2145181 ► In transaction SNOTE, choose ► Goto ► Other Tool ► Launch Note Analyzer ►. <div style="background-color: #f0f0f0; padding: 5px; margin: 5px 0;"> <p>i Note</p> <p>If the note analyzer tool is not enabled, see SAP Note 3007273 ►.</p> </div> <ol style="list-style-type: none"> Use the XML file <code>Basis_Content_<version>.xml</code> attached to SAP Note 1614266 ►. Implement SAP Notes based on the result of the note analyzer from top down. Implement SAP Note 1771909 ► - System Copy: Corrections for Web Service (SOAP).

SAP_BASIS Release	Support Package	Installation Instructions
702	SP 12	<ol style="list-style-type: none"> Perform the following manual activities: <ul style="list-style-type: none"> 1737215 2076390 2145181 In transaction SNOTE, choose Goto > Other Tool > Launch Note Analyzer. <div style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 5px; margin: 5px 0;"> <p>i Note</p> <p>If the note analyzer tool is not enabled, see SAP Note 3007273.</p> </div> <ol style="list-style-type: none"> Use the XML file <code>Basis_Content_<version>.xml</code> attached to SAP Note 1614266. Implement SAP Notes based on the result of the note analyzer from top down. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP).
702	SP 13 SP 14 SP 15 SP 16	<ol style="list-style-type: none"> Perform the following manual activities: <ul style="list-style-type: none"> 2076390 2145181 In transaction SNOTE, choose Goto > Other Tool > Launch Note Analyzer. <div style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 5px; margin: 5px 0;"> <p>i Note</p> <p>If the note analyzer tool is not enabled, see SAP Note 3007273.</p> </div> <ol style="list-style-type: none"> Use the XML file <code>Basis_Content_<version>.xml</code> attached to SAP Note 1614266. Implement SAP Notes based on the result of the note analyzer from top down. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP).

SAP_BASIS Release	Support Package	Installation Instructions
702	SP 17	<ol style="list-style-type: none"> Perform the following manual activity: <ul style="list-style-type: none"> 2145181 In transaction SNOTE, choose ► <i>Goto</i> ► <i>Other Tool</i> ► <i>Launch Note Analyzer</i> ►. <div style="background-color: #f0f0f0; padding: 5px; margin: 5px 0;"> <p>i Note</p> <p>If the note analyzer tool is not enabled, see SAP Note 3007273.</p> </div> <ol style="list-style-type: none"> Use the XML file <code>Basis_Content_<version>.xml</code> attached to SAP Note 1614266. Implement SAP Notes based on the result of the note analyzer from top down. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP).
702	SP 18 or higher	<ol style="list-style-type: none"> In transaction SNOTE, choose ► <i>Goto</i> ► <i>Other Tool</i> ► <i>Launch Note Analyzer</i> ►. <div style="background-color: #f0f0f0; padding: 5px; margin: 5px 0;"> <p>i Note</p> <p>If the note analyzer tool is not enabled, see SAP Note 3007273.</p> </div> <ol style="list-style-type: none"> Use the XML file <code>Basis_Content_<version>.xml</code> attached to SAP Note 1614266. Implement SAP Notes based on the result of the note analyzer from top down. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP).
731	SP 05	<ol style="list-style-type: none"> Perform the following manual activities: <ul style="list-style-type: none"> 1737215 2076390 2145181 In SNOTE implement the latest Task Content version via TCI according to SAP Note 1614266 - Latest PCA Task Content version. If needed follow SAP Note 2187425 for information related to TCI Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP).

SAP_BASIS Release	Support Package	Installation Instructions
731	SP 06 SP 07 SP 08 SP 09 SP 10 SP 11 SP 12 SP 13 SP 14	<ol style="list-style-type: none"> Perform the following manual activities: <ul style="list-style-type: none"> 2076390 2145181 In SNOTE implement the latest Task Content version via TCI according to SAP Note 1614266 - Latest PCA Task Content version. If needed follow SAP Note 2187425 for information related to TCI Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP).
731	SP 15 SP 16	<ol style="list-style-type: none"> Perform the following manual activity: <ul style="list-style-type: none"> 2145181 In SNOTE implement the latest Task Content version via TCI according to SAP Note 1614266 - Latest PCA Task Content version. If needed follow SAP Note 2187425 for information related to TCI. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP).
731	SP 17 or higher	<ol style="list-style-type: none"> In SNOTE implement the latest Task Content version via TCI according to SAP Note 1614266 - Latest PCA Task Content version. If needed follow SAP Note 2187425 for information related to TCI. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP).
740	SP 08 SP 09	<ol style="list-style-type: none"> Perform the following manual activities: <ul style="list-style-type: none"> 2076390 2145181 In SNOTE implement the latest Task Content version via TCI according to SAP Note 1614266 - Latest PCA Task Content version. If needed follow SAP Note 2187425 for information related to TCI.
740	SP 10 SP 11	<ol style="list-style-type: none"> Perform the following manual activity: <ul style="list-style-type: none"> 2145181 In SNOTE implement the latest Task Content version via TCI according to SAP Note 1614266 - Latest PCA Task Content version. If needed follow SAP Note 2187425 for information related to TCI.

SAP_BASIS Release	Support Package	Installation Instructions
740	SP 12 or higher	<p>In SNOTE implement the latest Task Content version via TCI according to SAP Note 1614266 - Latest PCA Task Content version.</p> <p>If needed follow SAP Note 2187425 for information related to TCI.</p>
750	SP 05 or higher	<p>In SNOTE implement the latest Task Content version via TCI according to SAP Note 1614266 - Latest PCA Task Content version.</p> <p>If needed follow SAP Note 2187425 for information related to TCI.</p>
751	SP 00 or higher	<p>In SNOTE implement the latest Task Content version via TCI according to SAP Note 1614266 - Latest PCA Task Content version.</p> <p>If needed follow SAP Note 2187425 for information related to TCI.</p>
752	SP 00 or higher	<p>In SNOTE implement the latest Task Content version via TCI according to SAP Note 1614266 - Latest PCA Task Content version.</p> <p>If needed follow SAP Note 2187425 for information related to TCI.</p>
753	SP 00 or higher	<p>In SNOTE implement the latest Task Content version via TCI according to SAP Note 1614266 - Latest PCA Task Content version.</p> <p>If needed follow SAP Note 2187425 for information related to TCI.</p>
754	SP 00 or higher	<p>In SNOTE implement the latest Task Content version via TCI according to SAP Note 1614266 - Latest PCA Task Content version.</p> <p>If needed follow SAP Note 2187425 for information related to TCI.</p>
755	SP 00 or higher	<p>In SNOTE implement the latest Task Content version via TCI according to SAP Note 1614266 - Latest PCA Task Content version.</p> <p>If needed follow SAP Note 2187425 for information related to TCI.</p>

SAP_BASIS Release	Support Package	Installation Instructions
756	SP 00 or higher	In SNOTE implement the latest Task Content version via TCI according to SAP Note 1614266 - Latest PCA Task Content version. If needed follow SAP Note 2187425 for information related to TCI.
757	SP 00 or higher	In SNOTE implement the latest Task Content version via TCI according to SAP Note 1614266 - Latest PCA Task Content version. If needed follow SAP Note 2187425 for information related to TCI.

Next Steps

Activate the usage of PCA and enable the execution of PCA task lists.

For more information, see [Enabling ABAP Post-Copy Automation Task Lists \[page 41\]](#).

Related Information

[SAP Note 1614266 - System Copy: Post-Copy Automation \(PCA\) / SAP Landscape Management \(LaMa\)](#)

[SAP Note Transport-Based Correction Instructions \(TCI\)](#)

[SAP Note 2187425 - Information about SAP Note Transport based Correction Instructions \(TCI\)](#)

[SAP Note 3007273 - Note Analyzer integration into SNOTE](#)

5.2 Installing SAP Business Warehouse ABAP Post-Copy Automation (BW PCA)

This section describes the installation procedure for using SAP Business Warehouse ABAP post-copy automation (BW PCA).

Prerequisites

You comply with the requirements for using ABAP post-copy automation.

For more information, see [Prerequisites \[page 10\]](#).

Procedure

Filter the table data based on your SAP NetWeaver release and perform the steps as described for your Support Package stack.

→ Recommendation

To reduce manual effort and the number of SAP Notes to be implemented, deploy the latest available Support Package stack.

SAP_BASIS Release	Support Package	Installation Using Transport-Based Correction Instructions [page 35] (TCI)	Installation Using Note Analyzer [page 37]
700	SP 00 SP 01 SP 02	<ol style="list-style-type: none"> 1. Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. 2. Create the program Z_SAP_TCI_ANALYZER [page 35]. 3. Check and, if necessary, implement SAP Note 2872565. 4. Use the program Z_SAP_TCI_ANALYZER [page 36]. 5. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. 	<ol style="list-style-type: none"> 1. Create the program Z_SAP_NOTE_ANALYZER [page 38]. 2. Check and, if necessary, implement SAP Note 2872565. 3. Use the program Z_SAP_NOTE_ANALYZER [page 39]. 4. Implement SAP Notes based on the result of the program Z_SAP_NOTE_ANALYZER.
701	SP 00 SP 01 SP 02 SP 03 SP 04 SP 05 SP 06 SP 07 SP 08	Not applicable	<ol style="list-style-type: none"> 1. Create the program Z_SAP_NOTE_ANALYZER [page 38]. 2. Check and, if necessary, implement SAP Note 2872565. 3. Use the program Z_SAP_NOTE_ANALYZER [page 39]. 4. Implement SAP Notes based on the result of the program Z_SAP_NOTE_ANALYZER.

SAP_BASIS Re- lease	Support Package	Installation Using Transport-Based Correction Instructions [page 35]	Installation Using Note Analyzer [page 37]
		(TCI)	
701	SP 09 SP 10 SP 11 SP 12	<ol style="list-style-type: none"> Perform the following manual activities: <ul style="list-style-type: none"> 1714286 1737215 2076390 2145181 Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. Create the program Z_SAP_TCI_ANALYZER [page 35]. Check and, if necessary, implement SAP Note 2872565. Use the program Z_SAP_TCI_ANALYZER [page 36]. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP). 	Not applicable
701	SP 13 SP 14 SP 15 SP 16	<ol style="list-style-type: none"> Perform the following manual activities: <ul style="list-style-type: none"> 2076390 2145181 Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. Create the program Z_SAP_TCI_ANALYZER [page 35]. Check and, if necessary, implement SAP Note 2872565. Use the program Z_SAP_TCI_ANALYZER [page 36]. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP). 	Not applicable

SAP_BASIS Re- lease	Support Package	Installation Using Transport-Based Correction Instructions [page 35] (TCI)	Installation Using Note Analyzer [page 37]
701	SP 17	<ol style="list-style-type: none"> 1. Perform the following manual activity: <ul style="list-style-type: none"> • 2145181 2. Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. 3. Create the program Z_SAP_TCI_ANALYZER [page 35]. 4. Check and, if necessary, implement SAP Note 2872565. 5. Use the program Z_SAP_TCI_ANALYZER [page 36]. 6. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. 7. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP). 	Not applicable
701	SP 18 or higher	<ol style="list-style-type: none"> 1. Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. 2. Create the program Z_SAP_TCI_ANALYZER [page 35]. 3. Check and, if necessary, implement SAP Note 2872565. 4. Use the program Z_SAP_TCI_ANALYZER [page 36]. 5. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. 6. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP). 	Not applicable

SAP_BASIS Re- lease	Support Package	Installation Using Transport-Based Correction Instructions [page 35] (TCI)	Installation Using Note Analyzer [page 37]
702	SP 00 SP 01 SP 02 SP 03 SP 04 SP 05 SP 06	Not applicable	<ol style="list-style-type: none"> 1. Create the program Z_SAP_NOTE_ANALYZER [page 38]. 2. Check and, if necessary, implement SAP Note 2872565. 3. Use the program Z_SAP_NOTE_ANALYZER [page 39]. 4. Implement SAP Notes based on the result of the program Z_SAP_NOTE_ANALYZER.
702	SP 07 SP 08 SP 09 SP 10 SP 11	<ol style="list-style-type: none"> 1. Perform the following manual activities: <ul style="list-style-type: none"> • 1714286 • 1737215 • 2076390 • 2145181 2. Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. 3. Create the program Z_SAP_TCI_ANALYZER [page 35]. 4. Check and, if necessary, implement SAP Note 2872565. 5. Use the program Z_SAP_TCI_ANALYZER [page 36]. 6. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. 7. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP). 	Not applicable

SAP_BASIS Re- lease	Support Package	Installation Using Transport-Based Correction Instructions [page 35] (TCI)	Installation Using Note Analyzer [page 37]
702	SP 12	<ol style="list-style-type: none"> Perform the following manual activities: <ul style="list-style-type: none"> 1737215 2076390 2145181 Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. Create the program Z_SAP_TCI_ANALYZER [page 35]. Check and, if necessary, implement SAP Note 2872565. Use the program Z_SAP_TCI_ANALYZER [page 36]. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP). 	Not applicable
702	SP 13 SP 14 SP 15 SP 16	<ol style="list-style-type: none"> Perform the following manual activities: <ul style="list-style-type: none"> 2076390 2145181 Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. Create the program Z_SAP_TCI_ANALYZER [page 35]. Check and, if necessary, implement SAP Note 2872565. Use the program Z_SAP_TCI_ANALYZER [page 36]. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP). 	Not applicable

SAP_BASIS Re- lease	Support Package	Installation Using Transport-Based Correction Instructions [page 35] (TCI)	Installation Using Note Analyzer [page 37]
702	SP 17	<ol style="list-style-type: none"> 1. Perform the following manual activity: <ul style="list-style-type: none"> • 2145181 2. Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. 3. Create the program Z_SAP_TCI_ANALYZER [page 35]. 4. Check and, if necessary, implement SAP Note 2872565. 5. Use the program Z_SAP_TCI_ANALYZER [page 36]. 6. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. 7. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP). 	Not applicable
702	SP 18 or higher	<ol style="list-style-type: none"> 1. Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. 2. Create the program Z_SAP_TCI_ANALYZER [page 35]. 3. Check and, if necessary, implement SAP Note 2872565. 4. Use the program Z_SAP_TCI_ANALYZER [page 36]. 5. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. 6. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP). 	Not applicable

SAP_BASIS Re- lease	Support Package	Installation Using Transport-Based Correction Instructions [page 35]	Installation Using Note Analyzer [page 37]
		(TCI)	
731	SP 01	Not applicable	<ol style="list-style-type: none"> 1. Create the program Z_SAP_NOTE_ANALYZER [page 38]. 2. Check and, if necessary, implement SAP Note 2872565. 3. Use the program Z_SAP_NOTE_ANALYZER [page 39]. 4. Implement SAP Notes based on the result of the program Z_SAP_NOTE_ANALYZER.
	SP 02		
	SP 03		
	SP 04		
731	SP 05	<ol style="list-style-type: none"> 1. Perform the following manual activities: <ul style="list-style-type: none"> • 1737215 • 2076390 • 2145181 2. Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. 3. Create the program Z_SAP_TCI_ANALYZER [page 35]. 4. Check and, if necessary, implement SAP Note 2872565. 5. Use the program Z_SAP_TCI_ANALYZER [page 36]. 6. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. 7. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP). 	Not applicable

SAP_BASIS Release	Support Package	Installation Using Transport-Based Correction Instructions [page 35] (TCI)	Installation Using Note Analyzer [page 37]
731	SP 06 SP 07 SP 08 SP 09 SP 10 SP 11 SP 12 SP 13 SP 14	<ol style="list-style-type: none"> Perform the following manual activities: <ul style="list-style-type: none"> 2076390 2145181 Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. Create the program Z_SAP_TCI_ANALYZER [page 35]. Check and, if necessary, implement SAP Note 2872565. Use the program Z_SAP_TCI_ANALYZER [page 36]. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP). 	Not applicable
731	SP 15 SP 16	<ol style="list-style-type: none"> Perform the following manual activity: <ul style="list-style-type: none"> 2145181 Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. Create the program Z_SAP_TCI_ANALYZER [page 35]. Check and, if necessary, implement SAP Note 2872565. Use the program Z_SAP_TCI_ANALYZER [page 36]. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP). 	Not applicable

SAP_BASIS Re- lease	Support Package	Installation Using Transport-Based Correction Instructions [page 35] (TCI)	Installation Using Note Analyzer [page 37]
731	SP 17 or higher	<ol style="list-style-type: none"> 1. Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. 2. Create the program Z_SAP_TCI_ANALYZER [page 35]. 3. Check and, if necessary, implement SAP Note 2872565. 4. Use the program Z_SAP_TCI_ANALYZER [page 36]. 5. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. 6. Implement SAP Note 1771909 - System Copy: Corrections for Web Service (SOAP). 	Not applicable
740	SP 05 SP 06 SP 07	Not applicable	<ol style="list-style-type: none"> 1. Create the program Z_SAP_NOTE_ANALYZER [page 38]. 2. Check and, if necessary, implement SAP Note 2872565. 3. Use the program Z_SAP_NOTE_ANALYZER [page 39]. 4. Implement SAP Notes based on the result of the program Z_SAP_NOTE_ANALYZER.

SAP_BASIS Re- lease	Support Package	Installation Using Transport-Based Correction Instructions [page 35] (TCI)	Installation Using Note Analyzer [page 37]
740	SP 08 SP 09	<ol style="list-style-type: none"> Perform the following manual activities: <ul style="list-style-type: none"> 2076390 2145181 Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. Create the program Z_SAP_TCI_ANALYZER [page 35]. Check and, if necessary, implement SAP Note 2872565. Use the program Z_SAP_TCI_ANALYZER [page 36]. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. 	Not applicable
740	SP 10 SP 11	<ol style="list-style-type: none"> Perform the following manual activity: <ul style="list-style-type: none"> 2145181 Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. Create the program Z_SAP_TCI_ANALYZER [page 35]. Check and, if necessary, implement SAP Note 2872565. Use the program Z_SAP_TCI_ANALYZER [page 36]. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. 	Not applicable

SAP_BASIS Re- lease	Support Package	Installation Using Transport-Based Correction Instructions [page 35] (TCI)	Installation Using Note Analyzer [page 37]
740	SP 12 or higher	<ol style="list-style-type: none"> 1. Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. 2. Create the program Z_SAP_TCI_ANALYZER [page 35]. 3. Check and, if necessary, implement SAP Note 2872565. 4. Use the program Z_SAP_TCI_ANALYZER [page 36]. 5. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. 	Not applicable
750	SP 00 SP 01 SP 02 SP 03 SP 04	Not applicable	<ol style="list-style-type: none"> 1. Create the program Z_SAP_NOTE_ANALYZER [page 38]. 2. Check and, if necessary, implement SAP Note 2872565. 3. Use the program Z_SAP_NOTE_ANALYZER [page 39]. 4. Implement SAP Notes based on the result of the program Z_SAP_NOTE_ANALYZER.
750	SP 05 or higher	<ol style="list-style-type: none"> 1. Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. 2. Create the program Z_SAP_TCI_ANALYZER [page 35]. 3. Check and, if necessary, implement SAP Note 2872565. 4. Use the program Z_SAP_TCI_ANALYZER [page 36]. 5. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. 	Not applicable

SAP_BASIS Re- lease	Support Package	Installation Using Transport-Based Correction Instructions [page 35] (TCI)	Installation Using Note Analyzer [page 37]
751	SP 00 or higher	<ol style="list-style-type: none"> 1. Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. 2. Create the program Z_SAP_TCI_ANALYZER [page 35]. 3. Check and, if necessary, implement SAP Note 2872565. 4. Use the program Z_SAP_TCI_ANALYZER [page 36]. 5. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. 	Not applicable
752	SP 00 or higher	<ol style="list-style-type: none"> 1. Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. 2. Create the program Z_SAP_TCI_ANALYZER [page 35]. 3. Check and, if necessary, implement SAP Note 2872565. 4. Use the program Z_SAP_TCI_ANALYZER [page 36]. 5. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. 	Not applicable
753	SP 00 or higher	<ol style="list-style-type: none"> 1. Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. 2. Create the program Z_SAP_TCI_ANALYZER [page 35]. 3. Check and, if necessary, implement SAP Note 2872565. 4. Use the program Z_SAP_TCI_ANALYZER [page 36]. 5. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. 	Not applicable

SAP_BASIS Re-lease	Support Package	Installation Using Transport-Based Correction Instructions [page 35] (TCI)	Installation Using Note Analyzer [page 37]
754	SP 00 SP 01 SP 02	<ol style="list-style-type: none"> 1. Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. 2. Create the program Z_SAP_TCI_ANALYZER [page 35]. 3. Check and, if necessary, implement SAP Note 2872565. 4. Use the program Z_SAP_TCI_ANALYZER [page 36]. 5. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. 	Not applicable
754	SP 03 or higher	Not applicable	Not applicable
755	SP 00	<ol style="list-style-type: none"> 1. Enable and implement the Note Assistant for TCI as described in SAP Note 2187425. 2. Create the program Z_SAP_TCI_ANALYZER [page 35]. 3. Check and, if necessary, implement SAP Note 2872565. 4. Use the program Z_SAP_TCI_ANALYZER [page 36]. 5. Implement SAP Notes based on the result of the program Z_SAP_TCI_ANALYZER from top down. 	Not applicable
755	SP 01 or higher	Not applicable	Not applicable

Next Steps

Activate the usage of PCA and enable the execution of PCA task lists.

For more information, see [Enabling ABAP Post-Copy Automation Task Lists \[page 41\]](#).

5.2.1 Installation Using Transport-Based Correction Instructions

To ensure that the requirements for using SAP Note transport-based correction instructions (TCI) are met, you create and use the program `Z_SAP_TCI_ANALYZER`.

The program `Z_SAP_TCI_ANALYZER` analyzes the following:

Check Phase	Description
System information	The program provides information about this system. The program analyzes installed components, the kernel release, and R3trans.
Preparation notes	The program checks which SAP Notes are required to provide a correct analysis and implementation.
Scope check	TCI analyzer content is divided into scopes. Scopes can be dependent on each other. The program lists all checked scope IDs.
System profile check	The program checks the system parameters.
Component check	The program checks whether all required software components exist.
Note check	The program checks which SAP Notes are required to use TCI. The program lists which SAP Notes are not implemented and which support packages cover all required SAP Notes in this release.


i Note

If software components or releases are missing, ensure that the software stack of this system supports the scope you want to analyze.

5.2.1.1 Creating Program `Z_SAP_TCI_ANALYZER`

Procedure

1. Open SAP Note [1614266](#).
2. Download and unzip the attached file `SAP_TCI_ANALYZER.zip`.
The ZIP file contains the following files:
 - `Z_SAP_TCI_ANALYZER.txt`
 - `Basis_Content_<version>_TCI.xml`
3. Call transaction `SE38`.
4. Create the program `Z_SAP_TCI_ANALYZER`.
5. Enter the title **SAP TCI Analyzer**.

6. Choose the attribute key *Executable program*.
7. Save the program as a local, temporary object.
8. In the menu bar, choose ► *Utilities* ► *More Utilities* ► *Upload/Download* ► *Upload* . A dialog box appears.
9. Select the file `Z_SAP_TCI_ANALYZER.txt`.
10. Save and activate the program.

5.2.1.2 Using Program Z_SAP_TCI_ANALYZER

To implement SAP Notes required for using ABAP post-copy automation (PCA), you use SAP Note transport-based correction instructions (TCI).


Prerequisites


- You have created the program `Z_SAP_TCI_ANALYZER`.
For more information, see [Creating Program Z_SAP_TCI_ANALYZER \[page 35\]](#).


Procedure

1. Call transaction `SE38`.
2. Execute the program `Z_SAP_TCI_ANALYZER`.
3. Choose *Load XML file*.
4. Upload the XML content file `Basis_Content_<version>_TCI.xml`.

This XML file is attached to SAP Note [1614266](#)  within the `SAP_TCI_ANALYZER.zip` file.

5. For SAP Business Warehouse (SAP BW) systems or systems connected to an SAP BW as SAP BW source system, read SAP Note [1707321](#)  and if required, upload the XML content file `BW_and_SAPI_Content.xml`.

The XML content file is attached to SAP Note [1707321](#)  within the `BW_and_SAPI_Content_<date>.zip` file.

6. If you have uploaded the XML content file `BW_and_SAPI_Content.xml`, restrict your check scope according to SAP Note [1707321](#) :
 - *Post-Copy Automation requirements for BW source system that will not be copied*
 - *Post-Copy Automation tasks and task lists for BW source system*
 - *BW Post-Copy Automation tasks and task lists*
 - *BW Housekeeping tasks and task lists*
 - *Tasks and task lists for pre- and post-processing of BW upgrade/migration*
7. Choose *Execute*.

1. The program schedules a background job with the naming convention `SAP_PCA_NOTES_DOWNLOAD`.
 2. The program downloads the SAP Notes listed in the uploaded XML content files.
 3. The program exits.
8. Call transaction `SM37`.
 9. Check the status of the background job.
 10. When the background job is finished, call transaction `SE38`.
 11. Execute the program `Z_SAP_TCI_ANALYZER`.
 12. Ensure that the *Download needed SAP Notes* checkbox is deselected.
 13. Choose *Execute*.
The program displays the check result.

Related Information

[SAP Note 1869539 - Note Assistant : General Issues](#)

[SAP Note 2248091 - Change to reimplementation handling](#)

5.2.2 Installation Using Note Analyzer

To ensure that the requirements for using ABAP post-copy automation are met, you use the note analyzer tool in transaction `SNOTE`.

→ Recommendation

To reduce manual effort and the number of SAP Notes to be implemented, deploy the latest available Support Package stack.

The note analyzer analyzes the following:

Check Phase	Description
System information	The note analyzer provides information about this system, analyzes installed components, the kernel release, and R3trans.
Preparation notes	The note analyzer checks which SAP Notes are required to provide a correct analysis and implementation.
Scope check	Note analyzer content is divided into scopes. Scopes can be dependent on each other. The note analyzer lists all checked scope IDs.
System profile check	The note analyzer checks the system parameters.



Check Phase	Description
Component check	<p>The note analyzer checks whether all required software components exist.</p> <div style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 10px; margin-top: 10px;"> <p>i Note</p> <p>If software components or releases are missing, ensure that the software stack of this system supports the scope you want to analyze.</p> </div>
Note check	<p>The note analyzer checks which SAP Notes are required to use PCA, lists which SAP Notes are not implemented, and which support packages cover all required SAP Notes in this release.</p>

Related Information

[SAP Note 3007273 - Note Analyzer integration into SNOTE](#) 

5.2.2.1 Creating Program Z_SAP_NOTE_ANALYZER

Procedure

1. Open SAP Note [1614266](#) .
2. Download and unzip the attached file `SAP_NOTE_ANALYZER.zip`.
The ZIP file contains the following files:
 - `Z_SAP_NOTE_ANALYZER.txt`
 - `Basis_Content_<version>.xml`
3. Call transaction `SE38`.
4. Create the program `Z_SAP_NOTE_ANALYZER`.
5. Enter the title **SAP Note Analyzer**.
6. Choose the attribute key *Executable program*.
7. Save the program as a local, temporary object.
8. In the menu bar, choose **Utilities > More Utilities > Upload/Download > Upload** .
A dialog box appears.
9. Select the file `Z_SAP_NOTE_ANALYZER.txt`.
10. Save and activate the program.

5.2.2.2 Using Program Z_SAP_NOTE_ANALYZER

Prerequisites

- You have created the program Z_SAP_NOTE_ANALYZER.
For more information, see [Creating Program Z_SAP_NOTE_ANALYZER \[page 38\]](#).

Procedure

- Call transaction SE38.
- Execute the program Z_SAP_NOTE_ANALYZER.
- Choose *Load XML file*.
- Upload the XML content file `Basis_Content_<version>.xml`.
The XML content file is attached to SAP Note [1614266](#) within the `SAP_NOTE_ANALYZER.zip` file.
- For SAP Business Warehouse (SAP BW) systems or systems connected to an SAP BW as SAP BW source system, read SAP Note [1707321](#) and if required, upload the XML content file `BW_and_SAPI_Content.xml`.
The XML content file is attached to SAP Note [1707321](#) within the `BW_and_SAPI_Content_<date>.zip` file.
- If you have uploaded the XML content file `BW_and_SAPI_Content.xml`, restrict your check scope according to SAP Note [1707321](#):
 - Post-Copy Automation requirements for BW source system that will not be copied*
 - Post-Copy Automation tasks and task lists for BW source system*
 - BW Post-Copy Automation tasks and task lists*
 - BW Housekeeping tasks and task lists*
 - Tasks and task lists for pre- and post-processing of BW upgrade/migration*
- Choose *Execute*.
 - The program schedules a background job with the naming convention `SAP_PCA_NOTES_DOWNLOAD`.
 - The program downloads the SAP Notes listed in the uploaded XML content files.
 - The program exits.
- Call transaction SM37.
- Check the status of the background job.
- When the background job is finished, call transaction SE38.
- Execute the program Z_SAP_NOTE_ANALYZER.
- Ensure that the *Download needed SAP Notes* checkbox is deselected.
- Choose *Execute*.
The program displays the check result.

Related Information














[ABAP Post-Copy Automation Configuration Guides](#)

[SAP Note 2248091 - Change to reimplementation handling](#)

[SAP Note 1869539 - Note Assistant : General Issues](#)

5.2.2.3 Program Z_SAP_NOTE_ANALYZER Check Phases Result

Traffic lights indicate the status of each checked scope ID and the corresponding objects. The header line of each check phase is displayed in green, yellow, or red and displays the overall status of the check phase. In the *Action* column, icons indicate possible actions. Where feasible, these icons react to a click. Some SAP Notes have additional comment lines below the result.

Icon	Description
	OK
	Caution
	Error
	Additional explanations
	Automatic implementation
	Manual activities necessary
	Check the system
	Load additional file
	Additional programs required before SAP Note implementation
	Known issues when implementing the SAP Note
	Link to external documentation
	Implementation by support package only
	Display SAP Note

i Note

If you change something in the system, for example an SAP Note, the check result is not automatically adjusted. To refresh the check result, go back and execute the program again.

5.3 Enabling ABAP Post-Copy Automation Task Lists

The add-on `PCAI_ENT 100` or an ABAP system-specific task lists key enables the use of ABAP post-copy automation (PCA) and the execution of PCA task lists.

Procedure

To enable ABAP PCA task lists, you've the following options:

- Follow the instructions described in SAP Note [1621867](#) - Installation of `PCAI_ENT 100`.
- Enable PCA task lists using SAP Landscape Management Cloud. See: [Enabling ABAP Post-Copy Automation Task Lists](#)

Related Information

[SAP Note 2882129 - Uninstalling `PCAI_ENT`](#)

[Enable Task Lists Key validation for ABAP Post-Copy Automation](#)

5.4 Disabling ABAP Post-Copy Automation Task Lists

Depending on how you've enabled ABAP post-copy automation (PCA) task lists, you disable the task lists either by installing an add-on or by deleting a created key file.

Context

Disclaimer: Nonlicensed usage and storage of ABAP post-copy automation tasks and task list is strictly forbidden. Before you unsubscribe from SAP Landscape Management Cloud or return your SAP Landscape Management, enterprise edition license, you must uninstall the license from all systems.

Procedure

To disable the use of ABAP post-copy automation (PCA), you've the following options:

- If you've installed the add-on `PCAI_ENT 100`, follow the instructions described in SAP Note [2882129](#) - Uninstalling `PCAI_ENT`.

- If you've enabled ABAP PCA using SAP Landscape Management Cloud, delete the created key file.

i Note

A key file created using SAP Landscape Management Cloud automatically expires after 30 days.

Related Information

[SAP Note 1621867 - Installation of PCAI_ENT 100](#)

[Enabling ABAP Post-Copy Automation Task Lists using SAP Landscape Management Cloud](#)

6 Post-Installation

This section describes the next steps for using ABAP post-copy automation.

[Setting ABAP System Profile Parameters \[page 43\]](#)

When you use ABAP post-copy automation from ABAP GUI, you must set the ABAP system profile parameters manually on the copied system (target system) in the default profile.

[ABAP Post-Copy Automation Configuration \[page 44\]](#)

Before you can use ABAP post-copy automation (PCA) with SAP Landscape Management or with the ABAP task manager for lifecycle management automation, read the ABAP PCA Configuration Guide.

[ABAP Post-Copy Automation with SAP Landscape Management \[page 44\]](#)

You use SAP Landscape Management, enterprise edition software, to run task lists for ABAP post-copy automation.

[ABAP Post-Copy Automation with ABAP Task Manager for Lifecycle Management Automation \[page 44\]](#)

You use the ABAP task manager for lifecycle management automation, to run task lists for ABAP post-copy automation.

6.1 Setting ABAP System Profile Parameters

When you use ABAP post-copy automation from ABAP GUI, you must set the ABAP system profile parameters manually on the copied system (target system) in the default profile.

Context

i Note

When executing system copy or refresh including ABAP post-copy automation from SAP Landscape Management, SAP Landscape Management sets the profile parameters automatically. You must **not** set the profile parameters manually.

Procedure

1. To protect your source system, set the parameter `ctc/allow_systemcopy_postconfig = 1` on the copied system.
2. Optional: To determine the export directory for export files (such as table content, task list runs, or task list variants) for the system copy refresh scenario, set the parameter `ctc/export_data = <Directory`

`for export files>` on the copied system. The default value is the path from profile parameter `DIR_GLOBAL`.

6.2 ABAP Post-Copy Automation Configuration

Before you can use ABAP post-copy automation (PCA) with SAP Landscape Management or with the ABAP task manager for lifecycle management automation, read the ABAP PCA Configuration Guide.

1. Read the *ABAP Post-Copy Automation Configuration Guide*.
For more information, see [ABAP Post-Copy Automation Configuration Guide](#).
2. For SAP Business Warehouse (SAP BW) systems or systems connected to an SAP BW as SAP BW source system, read the *ABAP Post-Copy Automation for SAP BW Configuration Guide*.
For more information, see [ABAP Post-Copy Automation for SAP BW Configuration Guide](#).

6.3 ABAP Post-Copy Automation with SAP Landscape Management

You use SAP Landscape Management, enterprise edition software, to run task lists for ABAP post-copy automation.

Among the key features of SAP Landscape Management, enterprise edition software is a framework for SAP system clone, copy, and refresh. This framework includes post-copy automation task lists that are ready-to-run in the end-to-end system copy or refresh process, but also as standalone components of the respective SAP NetWeaver Application Server for ABAP.

Related Information

[SAP Landscape Management, enterprise edition](#)

6.4 ABAP Post-Copy Automation with ABAP Task Manager for Lifecycle Management Automation

You use the ABAP task manager for lifecycle management automation, to run task lists for ABAP post-copy automation.

The ABAP task manager for lifecycle management automation is an automation framework for ABAP tasks and part of every ABAP system as of a certain release and Support Package level.

For more information about using the ABAP task manager for lifecycle management automation, call transaction STC01 and choose the [Online Help](#) pushbutton directly in the tool.

Related Information

[Configuration using ABAP Task Manager for Lifecycle Management Automation](#)

7 Troubleshooting

This section contains troubleshooting information that helps you to check and solve any problems that occur.

7.1 Troubleshooting SAP Note

A central entry point for all issues is the Troubleshooting Post-Copy Automation (PCA) SAP Note.

For more information, see SAP Note [3115251](#).

7.2 Activating SAP Notes Manually

For a successful implementation, all changed SAP objects must be active before the next SAP Note tries to modify them. The activation of the objects is one (usually the last) step of the SAP Note implementation. If any of the SAP objects are not activated automatically, activate them manually.

Procedure



1. Call transaction `SNOTE`.
2. Choose ► *Goto* ► *SAP Note Browser* ►.
3. Search for the SAP Note you want to activate.
4. In the result list, select the SAP Note.
5. Choose ► *SAP Note* ► *Activate SAP Note Manually* ►.
The system activates the objects including a syntax check.

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