

System Preparation

System preparation prepares the solution manager system for basic configuration. It needs to be performed fully after a new installation or upgrade. After upgrades and patches to update dialog and system users, and assign the appropriate default roles. During this step, the Central Correction Note (CCN) that contains the latest correction is implemented.

Technical prerequisites

- Installation of SAP Solution Manager 7.2 (ABAP and Java) with at least SP03
- Connection between SAP Solution Manager and the SAP backbone via RFC SAPOSS
- S-User in SAP Marketplace with necessary authorizations for SAP Solution Manager
- Network connection between SAP Solution Manager and the satellite systems which should be connected

1. Define System Role.

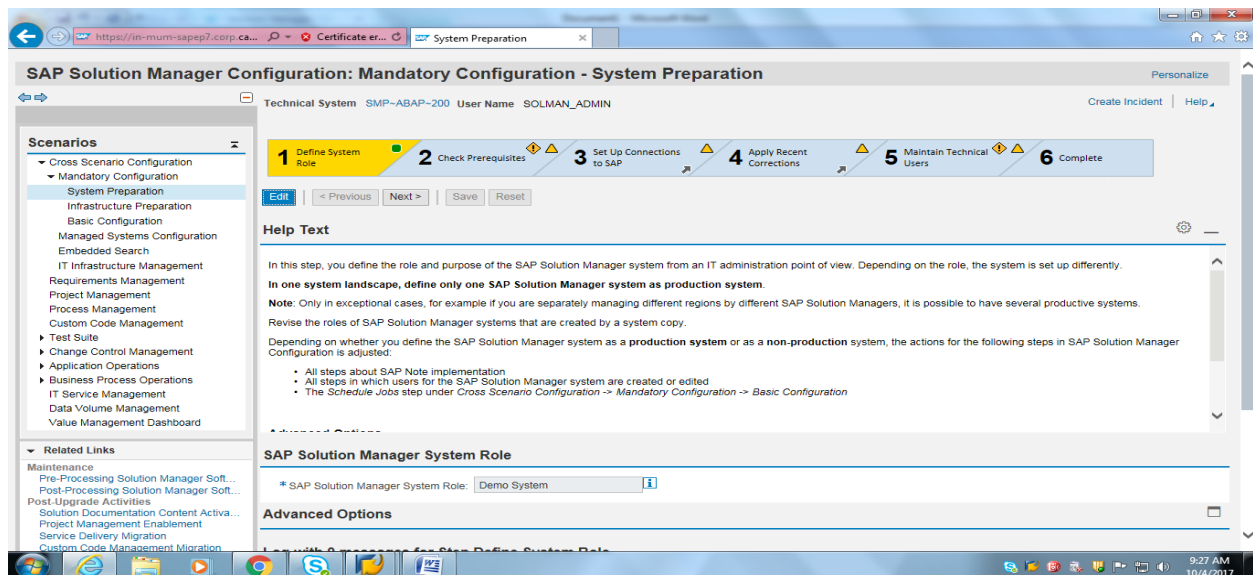
In this step you define the role and purpose of the SAP SolMan System from an IT administration point of view.

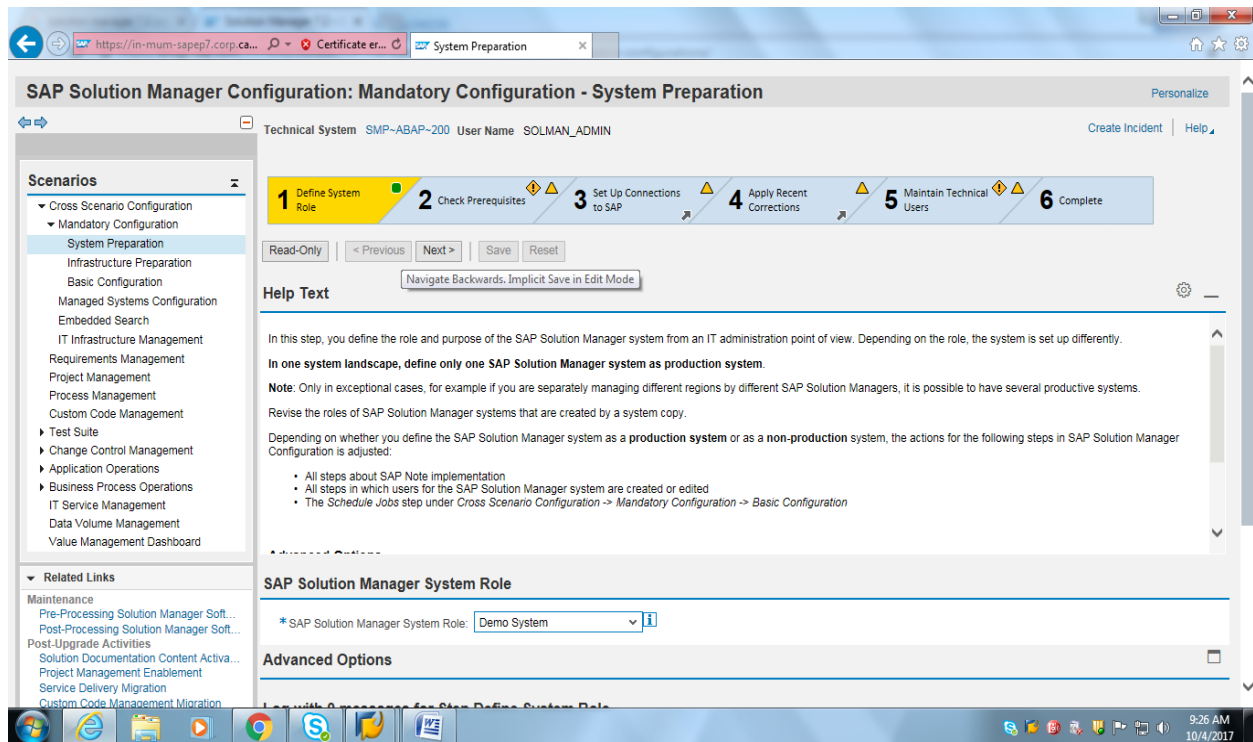
Depending on the role, the system is setup differently.

In one system landscape, define only one SAP SolMan system as Production System.

Depending on whether you define the SAP SolMan system as a production system or as a non-production system, the actions for the following steps in SAP SolMan Configuration is adjusted.

Click Edit button as shown below and define System Role.





2. Check Prerequisites.

In this step, you check the aspects of your SAP Solution Manager installation that are relevant for configuration.

- **Manual Activities :**
- In the Documentation column, choose the Display link to open the activity-specific documentation.
- Choose the link in the Navigation column and follow the instructions in the documentation.
- If the activity was performed successfully, select Performed.
- If error occurred, select performed with Error.
- Perform all Manual Activities in same procedure.

Manual Activities

Show All Logs								
	Status	Updates Needed	Activity	Type	Comment	Navigation	Execution Status	Documentation
	◇		Check SLD Configuration on Java	Mandatory	◇		Not Perfor...	Display
	◇		Check "Post Installation" on ABAP	Mandatory	◇	Start Transaction	Not Perfor...	Display
	◇		Initialize or Update SU24 Authorizations	Mandatory	◇	Start Transaction	Not Perfor...	Display
	◇		Prepare Security Settings for Web Services	Mandatory	◇	Start Web Dynpro	Not Perfor...	Display
	◇		Check Secure Web Browser Comm. (HTTPS)	Mandatory	◇	Start Transaction	Not Perfor...	Display
	◇		Check Transaction SPAU	Mandatory	◇	Start Transaction	Not Perfor...	Display
	◇		Check Virus Scan Profile Parameters	Mandatory	◇	Start Transaction	Not Perfor...	Display

- **Automatic Activities**
- For each activity you want to execute, select the activity and click Execute Selected.
- For each activity you want to skip, select the postponed status.
- To execute all automatic activities, select Execute All.
- You can also perform the activities manually.
- In the Documentation column, choose the Display link to open the activity-specific documentation.
- Choose the link in the Navigation column and follow the instructions in the documentation.

- If the activity was performed successfully, select Manually Performed.
- If error occurred, select Manually Performed with Errors.

Automatic Activities

<a>Show All Logs <a>Execute All <a>Execute Selected <a>Refresh								
	Status	Updates Needed	Activity	Type	Comment	Navigation	Execution Status	Documentation
		<input type="checkbox"/>	Check TMS Configuration	Mandatory		Start Transaction	Execute ▼	Display
		<input type="checkbox"/>	Check License Key	Mandatory		Start Transaction	Execute ▼	Display
		<input type="checkbox"/>	Check ABAP System Profile Parameters	Mandatory		Start Transaction	Execute ▼	Display
		<input type="checkbox"/>	Check ABAP Software Prerequisites	Mandatory		Open URL	Execute ▼	Display

3. Set Up Connections to SAP.

In this step, you configure the connection between SAP Solution Manager and SAP Support Portal.

If your company policy does not allow connecting SAP Solution Manager and the SAP Support Portal, you can skip sub steps 3.1 & 3.2, and continue with step 4.

However, be aware that several related functions of the SAP Solution Manager will not work without this connection.

Steps

	Status	Update Needed	Description	Type	Last Changed On	Last Changed by	
		<input type="checkbox"/>	RFC Connectivity	Mandatory	00.00.0000 00:00:00		^
		<input type="checkbox"/>	Support Hub Connectivity	Mandatory	00.00.0000 00:00:00		▼

Details of Step: **All**

3.1 RFC Connectivity

In this step, you ensure that SAP Solution Manager can connect to SAP Support Portal.

Activities

1. RFC destination for SAP Support Portal (SAPOSS)
2. RFC destination for User Logon Information (SAP-OSS-LIST-001), Enter the S-User & Password.

RFC Destination Template for SAP Support Portal (SAPOSS)

Target System: OSS
Msg. Server: [REDACTED]
Group: EWA
Load Balancing: Yes
User: OSS_RFC

Maintain RFC Destination for SAP Support Portal (SAPOSS)

User Logon Information

* S-User for SAP Backend: [REDACTED]
* Password:
* S-User for Communication: [REDACTED]

Check RFC Destinations for SAP Support Portal

Refresh			
	Status	RFC Destination Name	Logon Group
	■	SAP-OSS	1_PUBLIC
	■	SAP-OSS-LIST-001	1_PUBLIC
	■	SAPNET_RTCC	EWA
	■	SAPOSS	EWA
	■	SDCC_OSS	EWA

3.2 Support Hub Connectivity.

- With SAP Solution Manager 7.2, SAP introduces a new infrastructure and new data communication channels. And this new framework builds the foundation for all future applications exchanging data between SAP Solution Manager and the SAP Support Portal in a secure, reliable, and controlled way.
- It is mandatory to create a new user as explained in activity **Create User for Support Hub Communication**.
- For each of manual activity please refer to the documentation part which explains the how to steps for completing the activity.

Manual Activities								
Show All Logs								
Status	Updates Needed	Activity	Type	Comment	Navigation	Execution Status	Documentation	
■	<input type="checkbox"/>	Create bgRFC for Asynchronous Call Handling	Mandatory	⚙	Start Transaction	Performed	Display	
■	<input type="checkbox"/>	Create Inbound RFC for Asynchronous Call Handling	Mandatory	⚙	Start Transaction	Performed	Display	
■	<input type="checkbox"/>	Activate ICF nodes for Asynchronous Calls	Mandatory	⚙	Start Transaction	Performed	Display	
■	<input type="checkbox"/>	Enable Reliable Delivery of Synchronous Calls	Mandatory	⚙	Start Transaction	Performed	Display	
■	<input type="checkbox"/>	Check SOAP Runtime Configuration	Mandatory	⚙	Start Transaction	Performed	Display	
■	<input type="checkbox"/>	Create User for Support Hub Communication	Mandatory	⚙		Performed	Display	
■	<input type="checkbox"/>	Specify Configuration Parameters	Mandatory	⚙	Start Web Dynpro	Performed	Display	
■	<input type="checkbox"/>	Configure Synchronous Communication Channel	Mandatory	⚙		Performed	Display	

Automatic Activities								
Show All Logs	Execute All	Execute Selected	Refresh					
Status	Updates Needed	Activity	Type	Comment	Navigation	Execution Status	Documentation	
■	<input type="checkbox"/>	Configure SSL Store	Mandatory	⚙		Execute	Display	
■	<input type="checkbox"/>	Configure Asynchronous Communication Channel	Mandatory	⚙		Execute	Display	
■	<input type="checkbox"/>	Check Asynchronous Channel	Mandatory	⚙		Execute	Display	

The screenshot displays the SAP Solution Manager 7.2 interface during the 'Support Hub Connectivity' setup. The top navigation bar shows 'System Preparation' as the active tab. A sidebar on the left contains links to 'SCN Wiki: Setup and Configuration', 'SAP Support Portal', 'SAP Help Portal', and 'SAP Notes'. The main content area is divided into several sections:

- Manual Activities:** A table listing activities like 'Create User for Support Hub Communication', 'Specify Configuration Parameters', and 'Configure Synchronous Communication Channel'. The 'Execution Status' for these is 'Not Performed'.
- Automatic Activities:** A table listing activities like 'Configure SSL Store', 'Configure Asynchronous Communication Channel', and 'Check Asynchronous Channel'. The 'Execution Status' for these is 'Execute'.
- Execution Status:** A progress bar indicates 'Support Hub Connectivity is running' at 33% completion. A 'Refresh' button and 'Time in Seconds: 5' are also visible.
- Status of the asynchronous execution:** A table showing job details for 'SMSETUP: AGS_CONF_HUB_CHANNEL'. The job is 'Active' and the last message is 'End execution of activity Configure SSL Store for SMP~ABAP~200'.
- Log with 7 messages for Step Support Hub Connectivity:** A table showing log messages, including 'Configure SSL Store is configured for the support hub channel' and 'Execution Status is set to Performed for Technical System: SMP~ABAP~200'.

The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 1:38 PM on 10/4/2017.

4. Apply Recent Corrections.

In this step, you apply recent ABAP and Java corrections to your SAP Solution Manager system.

Note that the availability and behavior of note implementation actions depends on the system role that you selected for this SAP Solution Manager system.

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4.1 Corrections for SNOTE.

In this step, you apply correction to transaction SNOTE.

Information

Refresh

SAP Note: [0001668882](#) Note Assistant: Important notes for SAP_BASIS 730,731,740,75

Current SAP Note version in system: 21

Available SAP note version on Support Portal: 21

Implementation Status (in SNOTE): Completely implemented

Processor (in SNOTE): EGI-DEMO

Processing Status (in SNOTE): Finished

Download

Due to a known issue in SAP Note, first manually download and implement the SAP Note 2292923 via SNOTE before using the "Start Download" button

Download Last Version of SAP Note:

Start Download

Implement

Mentioned SAP note has been implemented,using the SAP Note Assistant.

Start SAP Note Assistant

4.2 Essential ABAP Corrections.

In this step, you download and implement the central correction note (CCN). The CCN contains all corrections for the basic configuration scenarios. For this you can use TC: SNOTE

SAP Solution Manager Configuration: Mandatory Configuration - System Preparation

Technical System: SMP-ABAP-200 User Name: SOLMAN_ADMIN

1 Define System Role 2 Check Prerequisites 3 Set Up Connections to SAP 4 Apply Recent Corrections 4.1 Corrections for SNOTE 4.2 Essential ABAP Corrections

Read-Only < Previous Next > Save Reset

Help Text

In this step, you download and implement the central correction note (CCN). The CCN contains all corrections for the basic configuration scenarios. You can implement all corrections automatically.

Important: Check the CCN for notes that require manual activities and perform them.

1. If a SAP Note is to be implemented, under **Download**, choose **Start Download**. Choose when the system checks whether a new version of the SAP Note is available.
2. Under **Implement**, choose **Start SAP Note Assistant**.
3. Under **Implement**, set the status to **Performed**. If the SAP Note could not be implemented correctly, set the status to **Performed with Error**.
4. Under **Post-Processing**, choose **Start Post-Processing**.

Information

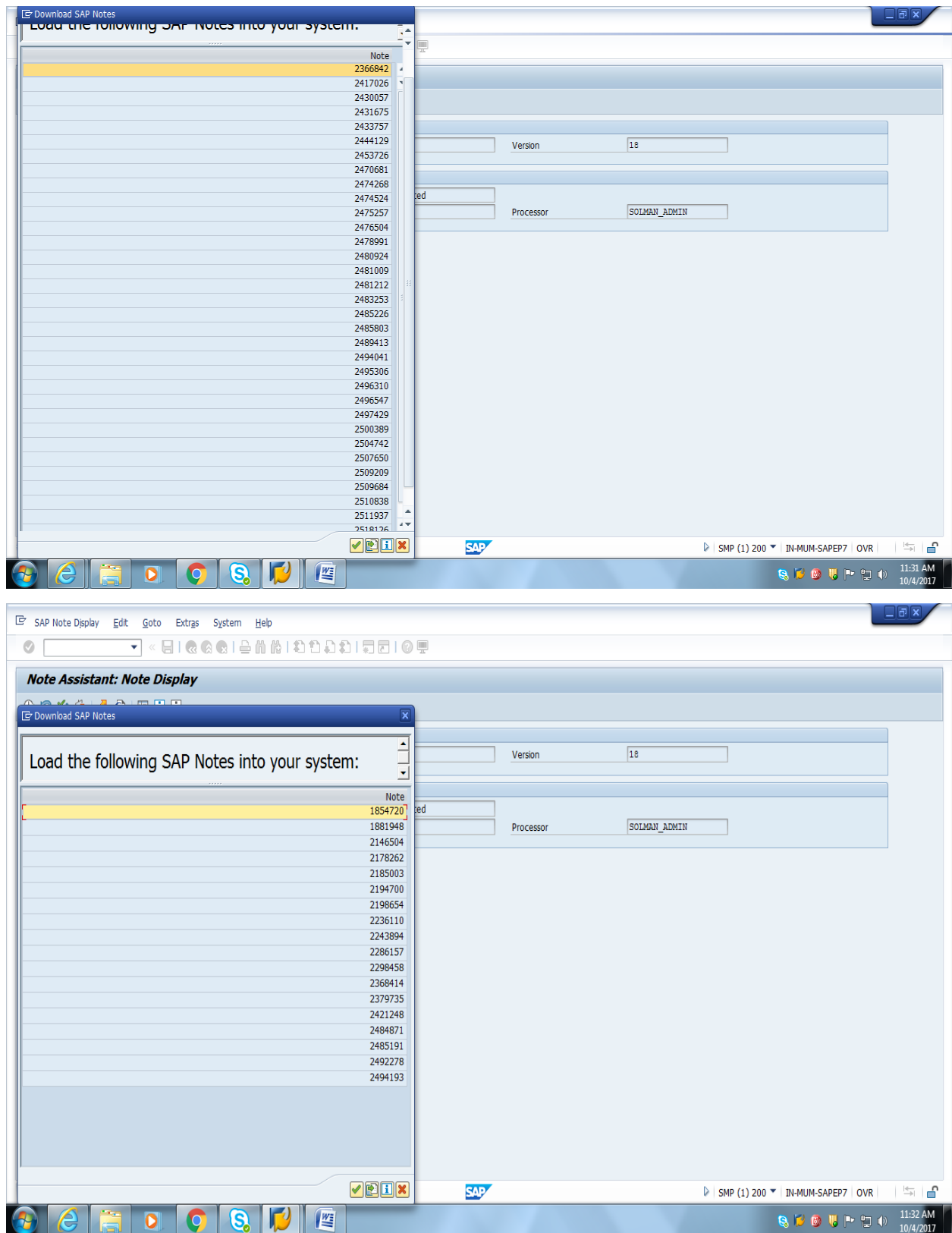
Refresh

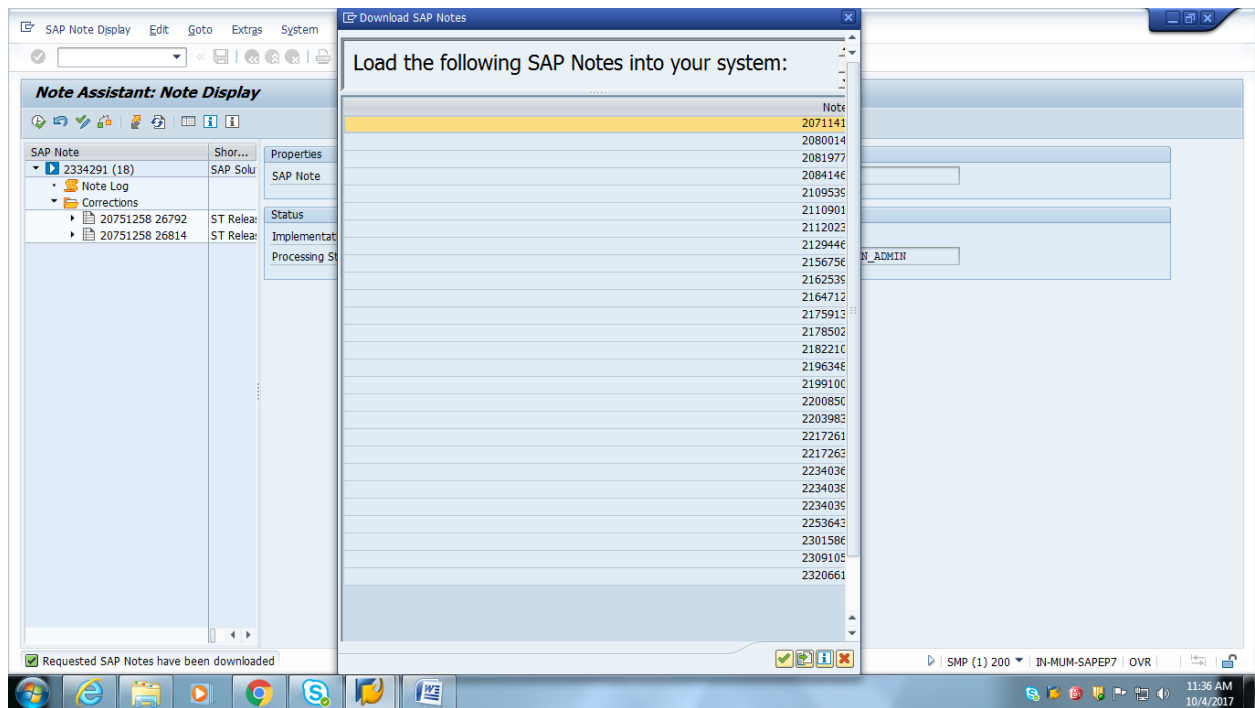
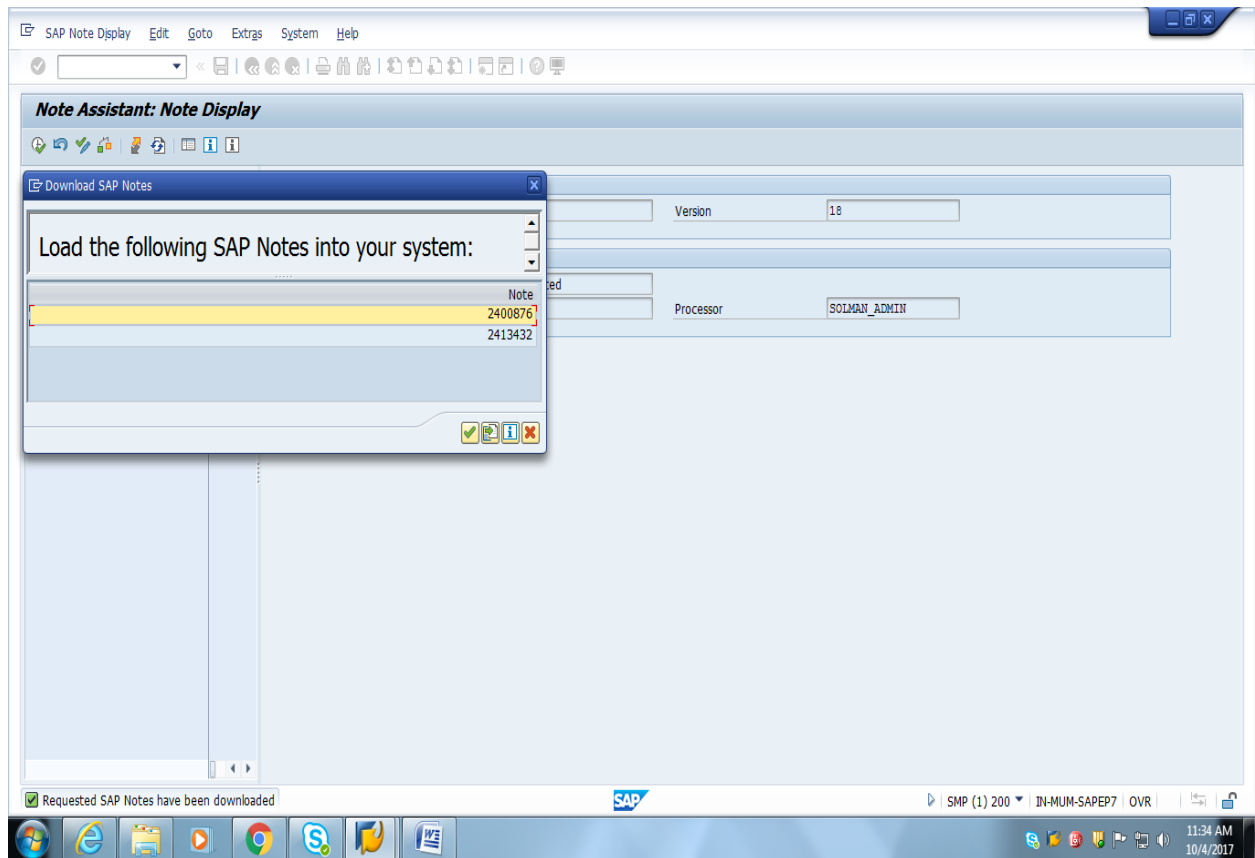
SAP Note: [0002334291](#) SAP Solution Manager 7.2 Support Package 04 - Basic function

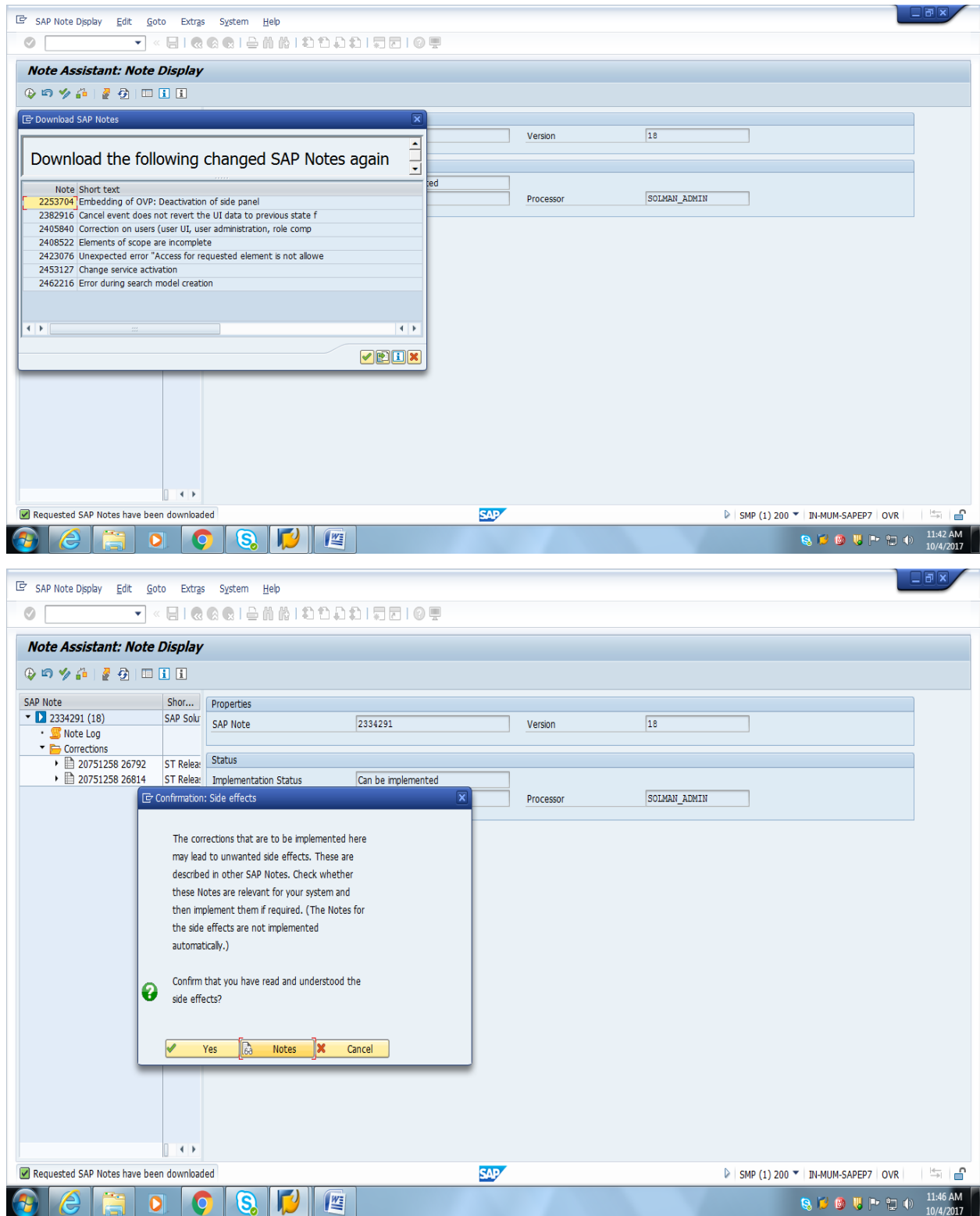
Current SAP Note version in system: 14

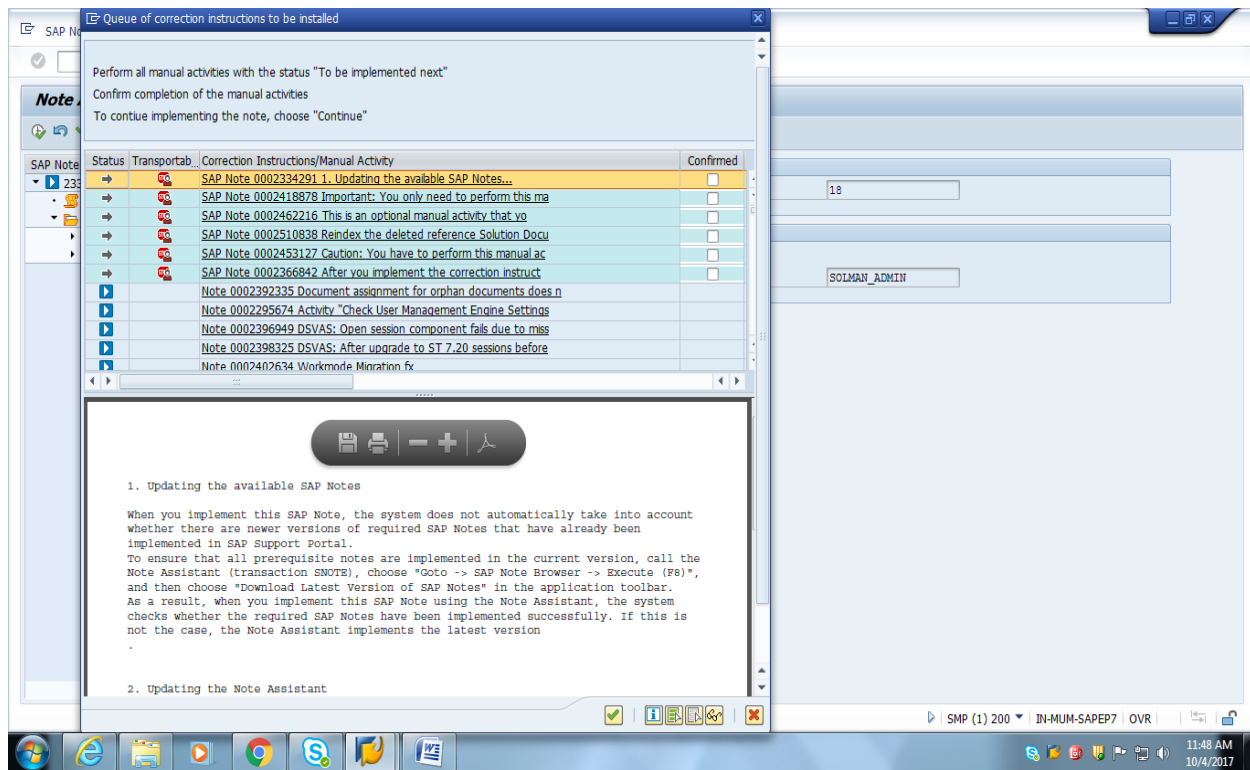
Available SAP note version on Support Portal: Unknown

Check for New Version: Always

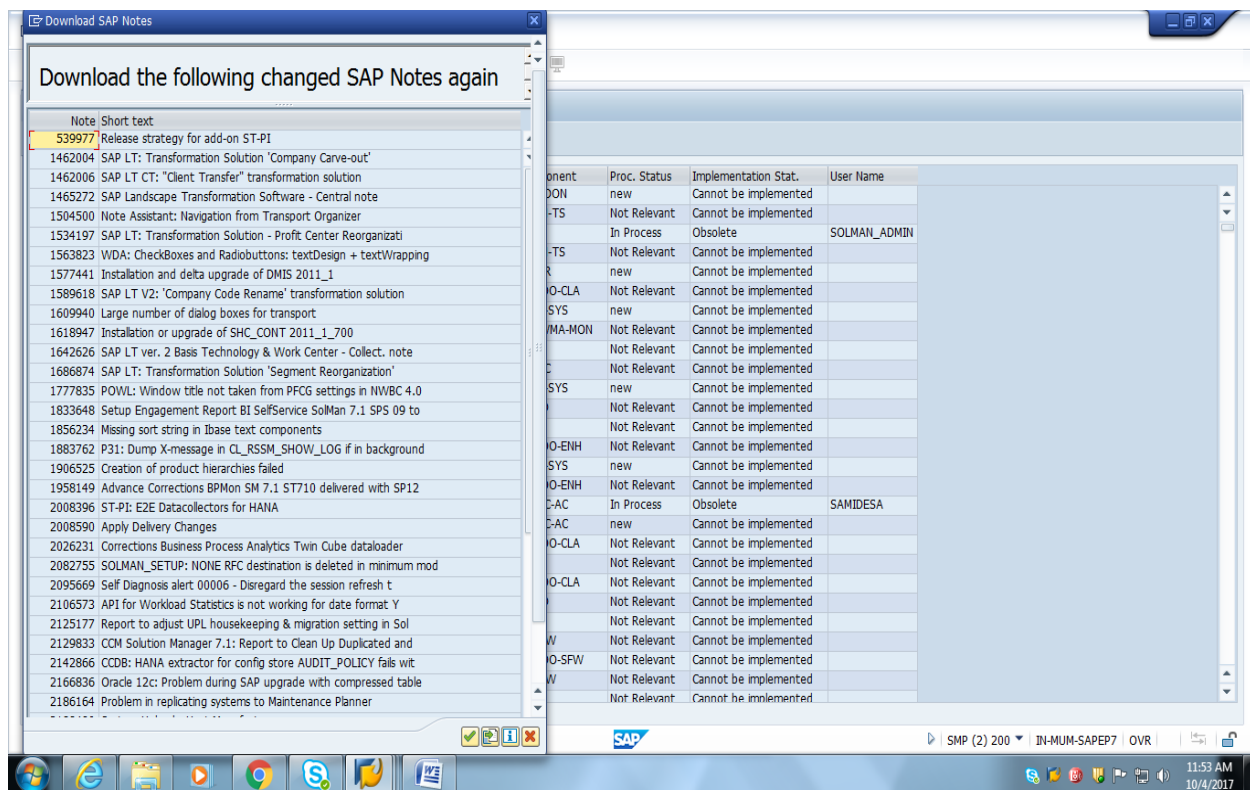








Perform the manual activity recommended by the Sap note after applying the latest correction





Once the corrections are applied you can use the same transport to the next environment.

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4.3 Java Corrections.

In this step, you apply the recent recommended corrections to the Java part of SAP Solution Manager.

Manual Activities

Show All Logs								
	Status	Updates Needed	Activity	Type	Comment	Navigation	Execution Status	Documentation
		<input type="checkbox"/>	Implement Java Patches	Mandatory			Not Performed	Display

Requirements

Login to the SAP Solution Manager Java system accessing the following URL via Web browser:
https://<Sol_Man_Java_System_Host>:<HTTPS_Port>/nwa/sysinfo

Navigate to tab Components Info and check the current support packages of the software components to be patched like explained below.

Activities

1. To find the list of software components to be patched, open SAP Note 1595736, and then open the Release Information Note (RIN) that corresponds to your support package.
2. Open <https://support.sap.com/swdc> and choose Support Packages and Patches -> Browse Download Catalog -> SAP Technology Components -> SAP Solution Manager -> SAP Solution Manager 7.2 -> Solution Manager Java Stack. Download the relevant patches.
3. If the support package specific RIN requests to deploy SOLMANDIAG (LM-SERVICE) software component patch, switch on the Diagnostics Agent maintenance mode.
4. After the download of the Java component patches, place the files in a directory prepared to implement them. For more information, see the SUM guide at <https://service.sap.com/sltoolset> -> Software Logistics Toolset 1.0 -> Documentation -> System Maintenance -> Updating SAP Systems Using Software Update Manager <Version> -> Applying Single Component Updates and Patches Using a Manually Prepared Directory.

In this step, you apply the recent recommended corrections to the Java part of SAP Solution Manager.

To perform a manual activity, proceed as follows:

1. Switch to edit mode.
2. From the *Documentation* column, open the documentation of the activity.
3. Follow the instructions in the documentation.
4. Select a status in the *Execution Status* column:
 - If the activity was successful, select *Performed*.
 - If an error occurred, select *Performed with Errors*.

For each activity that you perform, the system displays log messages in the *Log* screen area:

- To display a detailed description of a message, choose the link in the *Details* column.
- If an error occurs, a link in the *Notes* column appears. Choose this link to search for SAP Notes and Knowledge Base Articles (KBA) based on error message and number.

Manual Activities

Status	Updates Needed	Activity	Type	Comment	Navigation	Execution Status	Documentation
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Implement Java Patches	Mandatory			Performed	Display

Activity Performed

Log with 1 messages for Activity Implement Java Patches

Type	Activity	Message	Date	Time	Object in...	User	Long...	Details	URL	Note...
	Implement Jav...	Execution Status is set to Performed for Technical System: SMP~ABAP~200	04.10.2...	16:28:08	SMP~AB...	SOLMA...				

5. Maintain Technical Users.

In this step, you create or update dialog, technical (System) or BW users, and assign roles to them.

<div>Create/Update all Users</div> <div>Advanced Mode</div> <div>Refresh</div>									
Status	Update Nee...	User Name	Use Case ID	User Type	System	Last Refresh...	Documentation	Login	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	SM_INTERN_WS	SM_INTERN_WS	System	TNS~200	00.00.0000...	Display		
<input type="checkbox"/>	<input type="checkbox"/>	SM_EXTERN_WS	SM_EXTERN_WS	System	TNS~200	00.00.0000...	Display		
<input type="checkbox"/>	<input type="checkbox"/>	SOLMAN_BTC	SOLMAN_BTC	System	TNS~200	00.00.0000...	Display		
<input type="checkbox"/>	<input type="checkbox"/>	SMD_RFC	SMD_RFC	System	TNS~200	00.00.0000...	Display		
<input type="checkbox"/>	<input type="checkbox"/>	SM_EFWK	SM_EFWK	System	TNS~200	00.00.0000...	Display		
<input type="checkbox"/>	<input type="checkbox"/>	SM_AMSC	SM_AMSC	System	TNS~200	00.00.0000...	Display		
<input type="checkbox"/>	<input type="checkbox"/>	SM_TECH_ADM	SM_TECH_ADM	System	TNS~200	00.00.0000...	Display		

6. Complete.

This step provides an overview of the steps that have been performed in the System Preparation.

1 Define System Role

2 Check Prerequisites

3 Set Up Connections to SAP

4 Apply Recent Corrections

5 Maintain Technical Users

6 Complete

Edit

< Previous

Save

Reset

Finish

Export to HTML

Send by Email

Help Text

This step provides an overview of the steps that have been performed in this scenario, including information about the users who made the changes, and the status of each step.

You can do the following:

- To return to a step, choose the link in the *Configuration Steps* column.
- To save your settings and close the scenario, choose *Finish*.
- When the *System Preparation* scenario is finished, you should log off SAP Solution Manager, and then log on again with the Solution Manager administration user (default: `SOLMAN_ADMIN`) you created. Then you can go on to the *Basic Configuration* s

Steps

Configuration Step	Status	Last Changed On	Last Changed By	Description
Define System Role	■	07.02.2018 20:39:24	SOLMAN_ADMIN	Define System Role
Check Prerequisites	■	01.02.2018 16:12:15	SMPCONFIG3	Check Prerequisites
Set Up Connections to SAP	■	07.03.2018 18:01:07	SMPCONFIG2	Set Up Connections to SAP
RFC Connectivity	■	07.03.2018 18:01:07	SMPCONFIG2	RFC Connectivity
Support Hub Connectivity	■	25.01.2018 11:45:12	SOLMAN_ADMIN	Support Hub Connectivity
Apply Recent Corrections	▲	16.04.2018 14:48:59	SMPCONFIG1	Apply Recent Corrections
Corrections for SNOTE	▲	16.04.2018 14:48:36	SMPCONFIG1	Corrections for SNOTE
Essential ABAP Corrections	▲	16.04.2018 14:48:59	SMPCONFIG1	Essential ABAP Corrections
Java Corrections	■	04.10.2017 16:28:09	SOLMAN_ADMIN	Java Corrections
Maintain Technical Users	■	28.12.2017 19:26:38	SOLMAN_ADMIN	Maintain Technical Users