



Configuration Guide for SAP SCM 7.0 Enhancement Package 2

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Typographic Conventions

Type Style	Description
<i>Example Text</i>	Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Cross-references to other documentation
Example text	Emphasized words or phrases in body text, graphic titles, and table titles
Example text	File and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.
Example text	User entry texts. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example text>	Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.
EXAMPLE TEXT	Keys on the keyboard, for example, F2 or ENTER.

Icons

Icon	Description
	Caution
	Important
	Note
	Recommendation or Tip
	Example

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1. Guide Overview

This guide provides information you need to use SAP SCM 7.0 enhancement package 2 in SAP Cloud Appliance Library. This sandbox system can be used to evaluate the functionalities in SAP SCM 7.0 enhancement package 2. For more information about SAP SCM 7.0 enhancement package 2, see the official product documentation on [Help Portal](#).

This document is intended for the following project roles:

- System administrators and basis consultants: system set up and preparation including troubleshooting.

2. Solution Information

This solution contains a standard installation of SCM 7.0 enhancement package 2. Media are identical as they can be downloaded from the SAP Service Marketplace.

3. System Setup and Preparation

3.1 Product Versions and Software Components

SCM 7.0 enhancement package 2



Notice that this image solely contains the **ABAP** stack.

Selection of software components included in this image:

Component	Release	Support Package
SAP_ABA	731	0
SAP_BASIS	731	0
PI_BASIS	731	0
ST-PI	2008_1_700	4
SAP_BW	731	0
MDG_FND	731	0
SAP_AP	700	24
SAP_BS_FND	731	0
WEBCUIF	731	0
EA-IPPE	400	19
SCMSRV	701	4
SCM	702	0
SCMBPLUS	702	0
SCMEWM	702	0
SCMSNC	702	0
SCM_BASIS	702	0
BI_CONT	746	0

QIE	200	6
-----	-----	---

Content

[Main Component]: SAP SCM 7.0, enhancement package 2

[Stack-no. of Main Component]: Support package stack 00

[Localized Country]: USA

[Language]: EN

3.2 Connecting to your SCM Solution

Procedure

1. Run the following activity to access the SAP GUI to complete the system configuration:

Application	Start SAP GUI Logon <i>application</i>
--------------------	--

2. Choose the Create a new entry action.
3. Select the *User Specified System* option.
4. On the *System Connection Parameter* screen, make the following entries.

Parameter ID	Parameter Value	Note
Connection Type	Custom application server	
Description	<your description>	Create a description for the new system entry to be shown in your SAP Logon overview.
Application Server	<IP Address of your instance>	You find the IP address of your instance in the instance details screen.
Instance Number	00	Default value for SAP Cloud Appliance Library images
System ID	SCM	

5. Save this new entry in the SAP Logon entries for future logon.



Now you can connect to the solution instance.

6. Continue with the specific activities described in Chapter 3.3 in this document. Log on via the sample user listed in Chapter 4.2.1 to perform the specific activities.

3.3 Specific Activities

Execute the transactions in this section to configure the solution instance.

3.3.1 Transaction SICK

Purpose

Check the health of the system.

Executed Already: Yes

To Be Executed (again): Yes

Actions

Call transaction SICK

Expected Result

SAP System Check: "no errors reported"

3.3.2 Transaction DB59

Purpose

Set correct MaxDB passwords for the application server.

Executed Already: No

To Be Executed (again): Yes

Actions

1. Call transaction DB59.
2. Click on the *Integration Data* button.
3. Set Password to the Master Password specified upon starting the solution instance.
4. Go back to the previous screen.
5. Perform a connection test by clicking the *Connection Test* button.
6. On the next screen, mark the server line and click the *Check Selected Servers* button.

Expected Result

The application server is able to establish database connection.

All lights are displayed in green. In case of a red light please ensure that you have the right connection and the correct Master Password.

3.3.3 Transaction DB50N

Purpose

Monitor the availability of the MaxDB database.

Executed Already: No

To Be Executed (again): Yes

Actions

1. Call Transaction DB50N
2. Select your SID for *Name of Database Connection*.
3. Choose *Execute* (F8) and select No on the pop-up screen.

Expected Result

Successful result - your database is displayed.

3.3.4 Transaction SE06

Purpose

Post Installation Actions for Transport Organizer.

Executed Already: Yes

To Be Executed (again): No

Actions

None, because this transaction has been executed.

3.3.5 Transaction SECSTORE

Purpose

Administration of Secure Storage.

Executed Already: Yes

To Be Executed (again): No

Actions

None, because this transaction has been executed.

3.3.6 Transaction STMS

Purpose

Configure Transport Organizer.

Executed Already: Yes

To Be Executed (again): No

Actions

None, because this transaction has been executed.

3.3.7 Transaction RZ10

Purpose

Import profile parameters.

Executed Already: Yes

To Be Executed (again): No

Actions

None, because this transaction has been executed.

3.3.8 Transaction SMLG

Purpose

Change Logon Group.

Executed Already: Yes

To Be Executed (again): No

Actions

None, because this transaction has been executed.

3.3.9 Transaction RZ12

Purpose

Change Logon Group.

Executed Already: Yes

To Be Executed (again): No

Actions

None, because this transaction has been executed.

3.3.10 Transaction STRUSTSSO2

Purpose

Setting up Single Sign-On for the system.

Executed Already: No

To Be Executed (again): Yes

Actions

1. Call Transaction STRUSTSSO2.
2. Right mouse click for the following entries to create/replace/delete PSE:
 - a. SNC SAP Cryptolib
 - b. System PSE
 - c. SSL server Standard
 - d. SSL client (Standard)

Expected Result

Single Sign-On is configured correctly.

3.3.11 Transaction RZ04 / RZ03

Purpose

Maintain Instances or Operation modes

Executed Already: Yes

To Be Executed (again): No

Actions

None, because this transaction has been executed.

3.3.12 Transaction SM59

Purpose

Configure ABAP and RFC Connections

Executed Already: Yes

To Be Executed (again): No

Actions

None, because this transaction has been executed.

3.3.13 Transaction SGEN

Purpose

Generate ABAP Resources.

Executed Already: Yes

To Be Executed (again): No

Actions

None, because this transaction has been executed.

3.3.14 Change SAPFQDN Parameter

Purpose

Change the SAPFQDN parameter values in the profiles and configure the host names in /etc/hosts so that you can access Business Client via the Browser.

Actions

1. Log in to your Amazon instance as 'root' user name where the SCM system is running. Refer to chapter 5.1 for information on OS access to the solution instance.
2. Create a shell script file as follows to execute the commands at the operating system level for your solution instance. Replace the value for NEWDOMAIN. OLDDOMAIN corresponds to the current SAPFQDN parameter value in the profile.

```
#!/bin/bash
OLDDOMAIN=dummy.nodomain
NEWDOMAIN=wdf.sap.corp
SID=SCM
sid=`echo $SID | tr '[A-Z]' '[a-z]'`
hostname=scm702
sed -i.bak -e "s@[ \t]*SAPFQDN[ \t]*=.*@SAPFQDN = $NEWDOMAIN@g"
/sapmnt/$SID/profile/DEFAULT.PFL
sed -i.bak -e "s@[ \t]*SAPFQDN[ \t]*=.*@SAPFQDN = $NEWDOMAIN@g"
/sapmnt/$SID/profile/${SID}_DVEBMGS00_${hostname}
sed -i.bak -e "s@$OLDDOMAIN@$NEWDOMAIN@g" /etc/init.d/updatehosts
/etc/init.d/updatehosts start
su -c stopsap - ${sid}adm
su -c startsap - ${sid}adm
```

3. Assign the execute permission to the script file; e.g. `chmod 755 <script file name>`. Execute the script. Note that you may see a '.. failed' message in the output. You can ignore this message.
4. Review each affected profile and confirm that the SAPFQDN parameter value is updated to the value of NEWDOMAIN. In the example script file above, the affected profiles are DEFAULT.PFL and SCM_DVEBMGS00_scm702 under /sapmnt/SCM/profile. Note that you may see multiple entries for the SAPFQDN parameter in DEFAULT.PFL. This is not a problem.
5. Review /etc/hosts file and confirm that the host names contain the value of NEWDOMAIN as part of the host names.

For example:

```
10.79.21.189 sid-scm    scm702 scm702.wdf.sap.corp  scm702 scm702.wdf.sap.corp
```

3.3.15 Resolve “host.domain” in Local System

Purpose

Since “host.domain” might not be a registered DNS or a Web address, it is necessary to make modification in the local operating system to resolve the “host.domain” to the belonging IP address of the SAP system.

Actions

1. You have to configure the hostnames also inside your local hosts file.

In the Windows operating systems the path to the hosts file is:

<windowspath>/system32/drivers/etc/hosts.

In the UNIX operating systems the path is: /etc/hosts.

The entry to the local host file contains following values: IP Address to VM <tab> hostname.domainname specified in the SAP system.

For example:

```
10.79.21.189 scm702.wdf.sap.corp
```

4. Security Aspects

This section provides an overview of the security relevant information that applies to the deliverables of this solution package.

4.1 General Security Guidelines

To access the latest version of the security guide, log on to SAP Service Marketplace SCM 7.0 enhancement package 2 directly using this [link](#).

4.2 User Administration and Authentication

This section provides an overview of the users required for this solution package.

4.2.1 Sample users

The following sample users have been created in the respective clients in the system.

Purpose	User ID	Initial Password	Name	Last Name
Client 000: for system administration tasks	DDIC SAP*	Password is set to master password provided by you at Instance creation		
Client 001	DDIC SAP*	Password is set to master password provided by you at Instance creation		
Client 066	SAP*	Password is set to master password provided by you at Instance creation		

5. Additional Information

5.1 OS Access to SCM Solution Instance

If you need OS access, you must use SSH connectivity. Use the default user **root** and the **private key** for the SCM instance, which was downloaded when your SCM instance was created from SAP Cloud Appliance Library. You can use tools such as PuTTY or SSH to connect to the OS. Refer to Amazon Elastic Compute Cloud documentation for detailed information on connecting to Linux/UNIX instances.

Parameter ID	Parameter Value	Note
OS User Name	root	The default OS Administrator user for Linux SUSE.
OS Password	<none>	Use the private key (downloaded during the creation of the SCM instance in SAP Cloud Appliance Library) for logging on with the root user.