

PUBLIC

Update Guide



SAP NetWeaver Composition Environment – Update Guide SP03

Target Audience

- System administrators
- Technology consultants

Document version: 1.0 – 11/13/2007

Document History

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

Version	Date	Description
1.0	11/13/2007	Initial Version

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1 Overview

This guide describes the update process if you want to update your SAP NetWeaver Composition Environment 7.1 system to SP03.

Prerequisites

You have installed SAP NetWeaver Composition Environment 7.1 with at least one of the following support packages:

- SP00
- SP01

For more information about how to install SAP NetWeaver Composition Environment, see <http://www.sdn.sap.com> ▶ *SAP NetWeaver* ▶ *Composition Environment* ▶ *Installing, Managing, and Developing with SAP NetWeaver CE* ↩.

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2 Updating SAP NetWeaver Composition Environment

If you want to apply the latest support packages and patches to your SAP NetWeaver CE system or update your applications, use the update management service of SAP NetWeaver CE.

Before You Start the Update

Before you start the update, apply [SAP Note 1088002](#).

You need to perform this once on each system.

Updating Your SAP NetWeaver CE System

Updating Your System from SP00 or SP01

If you have a system that was installed with SP00 or SP01, proceed as follows:

1. **Linux only:**

Run the following command:

```
sapcontrol -host <localhost> -nr <instance_number> -user <sidadm_user> <password>  
-function AccessCheck Stop
```

If the command returns any other code than OK, apply section *PAM configuration needed for "sapstartsrv" and "sapcontrol"* of [SAP Note 958253](#), .

After applying the SAP Note, re-execute the command.

2. Download the deploy controller SDA (SERVERCORE-Patch) from <http://service.sap.com/swdc>. Search for SERVERCORE01P_1-10004571.SCA SP01 for J2EE ENGINE SERVERCORE 7.05.

Before deploying the SCA using telnet, change the permissions using the following command:

```
chmod 777 SERVERCORE01P_0-10004571.SCA
```

For more information, see [SAP Note 1073329](#).

3. Manually deploy the three XI third-party SDAs using telnet.

For more information, see [SAP Note 1088386](#).

4. Exchange the engine template.



Note

Before changing the current template, note down the name of the currently active template. You will need it at the end of the update procedure to reactivate the original template again.

a) Navigate to the `configtool` subdirectory of your installation directory, for example

```
C:\usr\sap\CE1\J01\j2ee\configtool
```

- b) Run the file `configtool.bat`.
- c) Highlight the template and choose **File** ▶ *Change System Template* ⏪.
- d) Switch from the current template to the `instance_development` template.
- e) Save your settings and restart the server.

To do this, open SAP Management Console, select the node and choose the restart option.

**Caution**

If you are running a cluster system, you need to check that all instances are running the correct template before proceeding to update the main instance.

5. Download the update files from **http://service.sap.com/swdc** ▶ *Download* ▶ *Support Packages and Patches* ▶ *Entry by Application Group* ▶ *SAP NetWeaver* ▶ *SAP NETWEAVER* ▶ *SAP NETWEAVER CE 7.1* ▶ *Support Package Stacks* ⏪.
6. Stop the SAP Management Console.
7. **Windows:** From the download folder from SAP Service Marketplace, run the update tool `update<ID>.exe` to apply patches and updates to your SAP NetWeaver CE system.
AIX/ Linux: Log on to your system as user `root` and, from the download folder from SAP Service Marketplace, run the update tool `update<ID>.sh` to apply patches and updates to your SAP NetWeaver CE system.
After running the update tool wait until the engine is fully started.
8. To complete the update process, change back the system template to the original one.

**Caution**

If you are running a cluster system, make sure that you change back to the original template **on all dialog instances**.

9. Restart the system.

3 Updating Your CE System Using the Update Management Service

Update Management Service is intended to help automate the process of downloading and installing the latest Support Package Stack from SAP Service Marketplace. The Update Management tool will connect to SAP Service Marketplace and look for the latest support package stack available for your system. For example, if your system is on SP01 and the latest support package available is SP03, the Update Management Service will download and apply SP03 to your system. If, however, you want to go to an intermediate support package stack, you have to download the stack manually.

Procedure

1. **Windows:** Choose ► *Start* ► *Programs* ► *SAP NetWeaver Composition Environment* ► *<SAPSID>* ► *Update Management Service* ◀.
- UNIX:** Start the Update Management tool as user *<sid>adm* from the following path:
`/usr/sap/<SID>/SYS/exe/uc/<PLATFORM>/ceupdatemanagement`
2. Follow the on-screen instructions and enter the required logon information.
3. The Update Management tool checks the system for installed components and support package stack level.
4. The Update Management tool checks for updates and new support package stacks on SAP Service Marketplace and applies them automatically.

When the update has successfully completed, SAPinst shows the dialog *The system is up-to-date*.

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4 Updating SAP NetWeaver Developer Studio

Prerequisites

Make sure your SAP NetWeaver Developer Studio is stopped.

Updating SAP NetWeaver Developer Studio

To update your SAP NetWeaver Developer Studio, use the SAP NetWeaver Developer Studio installation procedure as described in the installation guide. You can install the SAP NetWeaver Developer Studio SP03 version parallel to your existing installation with a lower SP.

If you want to replace the existing SAP NetWeaver Developer Studio (SP<03), we recommend that you remove the lower version with the standard Windows procedure, choosing **Start ▶ Control Panel ▶ Add and Remove Programs ▶ SAP NetWeaver Developer Studio** , before you install the new Developer Studio.




Caution

Make sure you create a new workspace for your new SAP NetWeaver Developer Studio.

Updating Installed Features (SP03)

The SAP NetWeaver Developer Studio SP03 uses the IDE Update Site to keep itself up-to-date.

1. Choose **Help ▶ Software Updates ▶ Find and Install...** .
2. Choose *Search for updates of currently installed features*.
3. Follow the on-screen instructions.



Note

The configuration wizard task *Configuration and Mirroring of local NWDS Update Site* has to be run after each patch or update of the IDE update site component on AS Java.

For more information about how to run the configuration wizard, see section *Post-Installation Activities* in the installation guide.

Typographic Conventions

Example	Description
< >	Angle brackets indicate that you replace these words or characters with appropriate entries to make entries in the system, for example, “Enter your <User Name>”.
▶ ▶ ◀	Arrows separating the parts of a navigation path, for example, menu options
Example	Emphasized words or expressions
Example	Words or characters that you enter in the system exactly as they appear in the documentation
<u>Example</u>	Textual cross-references to an internet address, for example, http://www.sap.com
/example	Quicklinks added to the internet address of a homepage to enable quick access to specific content on the Web
<u>123456</u>	Hyperlink to an SAP Note, for example, SAP Note 123456
<i>Example</i>	<ul style="list-style-type: none"> ■ Words or characters quoted from the screen. These include field labels, screen titles, pushbutton labels, menu names, and menu options. ■ Cross-references to other documentation or published works
Example	<ul style="list-style-type: none"> ■ Output on the screen following a user action, for example, messages ■ Source code or syntax quoted directly from a program ■ File and directory names and their paths, names of variables and parameters, and names of installation, upgrade, and database tools
EXAMPLE	Technical names of system objects. These include report names, program names, transaction codes, database table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE
EXAMPLE	Keys on the keyboard

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Any Java™ Source Code delivered with this product is only to be used by SAP's Support Services and may not be modified or altered in any way.

Documentation in the SAP Service Marketplace

You can find this document at the following address: <https://service.sap.com/instguides>

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