Server Upgrade Guide
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CUSTOMER

SAP Strategy Management 10.1

Upgrading within the 10.1 Series

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Typographic Conventions

Table 1

Example	Description
<Example>	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>**".
Example > *Example*	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
www.sap.com	Textual cross-references to an internet address
/example	Quicklinks added to the internet address of a homepage to enable quick access to specific content on the Web
123456	Hyperlink to an SAP Note, for example, SAP Note 123456
Example	• 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`	• 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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Document History

Caution

Before you start the implementation, make sure you have the latest version of this document. You can find the latest version on the SAP Help Portal at help.sap.com/bosm101.

The following table provides an overview on the most important document changes:

Table 2

Version	Date	Description
1.0	2014-02-28	Initial version
1.1	2014-10-23	In the topics Installing Application Server on a Microsoft Windows Server [page 15] and Installing Application Server on a Linux/UNIX Server [page 16], added a step you must perform if your NetWeaver system database is something other than Max DB.

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1 Introduction

1.1 About This Document

Use this guide to learn how to upgrade from one support package level to another within the 10.1 series of SAP Strategy Management.

This document contains the following sections:

- Planning
- Preparation
- Upgrade Process
- Follow-up Activities

> **Note**
>
> The central starting point for the **technical implementation** of your SAP solution is the Master Guide, which you can find on the SAP Help Portal at help.sap.com/bosm101.

> **Note**
>
> You can find the most current information about the technical upgrade of the strategy management application and the latest upgrade, installation, and configuration guides on the SAP Help Portal at help.sap.com/bosm101.
>
> We strongly recommend that you use the documents available here. The guides are regularly updated.

Constraints

To learn how to upgrade the Excel Add-In client program, refer to the *Client Installation Guide for SAP Strategy Management Excel Add-In* on the SAP Help Portal at help.sap.com/bosm101.

1.2 Naming Conventions

In this documentation, the following naming conventions apply:

Table 3

Variables	Description
`<nw_server>:<port>`	Server name or IP address and port where SAP NetWeaver is installed and strategy management application components are deployed

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1.3 Related Information

Planning Information

For more information about planning topics not covered in this guide, see the following content:

Table 4

Content	Location on
Latest versions of installation and upgrade guides	SAP Help Portal at help.sap.com/bosm101
Network security	SAP Help Portal at help.sap.com/bosm101
System requirements and supported platforms	On SAP Service Marketplace, see Product Availability Matrix (PAM) at service.sap.com/pam. Then search on *strategy management*.

1.4 Further Useful Links

The following table lists further useful links on SAP Service Marketplace:

Table 5

Content	Location on SAP Service Marketplace
Information about creating error messages	service.sap.com/messages
SAP Notes search	service.sap.com/notes
SAP Software Distribution Center (software download and ordering of software)	service.sap.com/swdc
SAP Online Knowledge Products (OKPs) role-specific Learning Maps	service.sap.com/rkt-epm

1.5 SAP Notes for the Upgrade

Table 6

SAP Note Number	Title	Description
1905391	Central Note for SAP Strategy Management 10.1	Describes how to get started with downloading SAP Strategy Management 10.1
1911198	Restrictions Note for SAP Strategy Management 10.1	Describes any limitations of the release

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2 Quick Guide for Upgrading within the 10.1 Series

This guide shows the steps for upgrading from version 10.1 to the latest 10.1 support package.

Preparation

Table 7

Section in This Guide	Activity
3.1 Obtaining the Strategy Management Downloads [page 11]	Obtain the latest strategy management 10.1 installation.
3.2 Backing Up Application Server Files [page 11]	Back up the Application Server databases and custom files.
3.3 Recording Application Definitions That Are Not Upgraded [page 12]	Record application definitions for scheduled tasks and bookmarks.
3.4 Exporting Performance Management Scorecard Data [page 12]	Export performance management scorecard data and model connections from the existing 10.1 version using the *Transporter* utility. This is performed for backup purposes only.
3.5 Exporting Roles and Actions [page 13]	Export roles and actions in SAP NetWeaver. This is performed for backup purposes only.
3.6 Stopping Services [page 13]	Stop strategy management services.
3.7 Uninstalling Application Server [page 13]	Uninstall Application Server. Perform this step only if it is included in the latest 10.1 series. If it is not included, it means there are no changes to the Application Server in the latest release and you can continue to use your existing version.
3.8 Cleaning Up Files [page 14]	Clean up cache files and Work databases.

Upgrade Process

Table 8

Section	Activity
4.1	Install the latest version of SAP Strategy Management 10.1.

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Section	Activity
Installing Application Server and Supporting Files [page 15]	
4.2 Deploying the POASBC Component [page 18]	Deploy the POASBC component. Perform this step only if it is included in the latest 10.1 series. If it is not included, it means that there are no changes to the component in the latest release and you can continue to use your existing version of the component.
4.3 Deploying the Software Component Archive [page 19]	Deploy the new Software Component Archive from the latest 10.1 series.
4.4 Importing Bootstrap Data [page 19]	Import the latest 10.1 series bootstrap data using the *Transporter* utility. Perform this step only if a new version of Application Server is provided in the latest release.
4.5 Restarting SAP NetWeaver and Services [page 20]	Start strategy management services and restart SAP NetWeaver to clear all table cache.

Follow-Up Activities

Table 9

Section	Activity
5.1 Merging Customizations [page 22]	Merge customizations
5.2 Copying Files From the \Procs Directory [page 22]	Copy files from the `\Procs` directory. Perform this step only if a new version of Application Server is provided in the latest release.
5.3 Redefining Strategy Management Objects That Were Not Upgraded [page 22]	Redefine strategy management objects in the latest version of strategy management that were not included in the upgrade.

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3 Preparation

3.1 Obtaining the Strategy Management Downloads

The Central Note for SAP Strategy Management explains how to obtain the downloads for that release. Any further support packages for a release also include SAP Notes explaining how to obtain the download for each particular support package.

3.2 Backing Up Application Server Files

Procedure

1. If you are running Application Server on a Microsoft Windows client or Microsoft Windows server, move the `lsserver.ini` file located in the Windows directory to a temporary location. By moving the file, it allows the installation to put a new version of `lsserver.ini` in the Windows directory. The new version contains the new path information for Application Server. If you have custom entries in the `lsserver.ini`, you can later incorporate the custom entries into the new version during the upgrade process.

   If you do not move `lsserver.ini` and you are installing the latest version of Application Server on the same machine as the older version, then you will need to update all directory paths in the file after the new install.
2. Back up all your Application Server databases and custom procedure files. By default the databases that you create are located in `\Program Files (x86)\SAP\SSM\ApplicationServer\home` on a Microsoft Windows server. On a Linux/UNIX server they are created in the `lss/workfile` directory in the install location.
3. Copy the following files from the Microsoft Windows server or Linux/UNIX server where Application server is installed to a backup location. On a Microsoft Windows server, the files are located in `\Program Files (x86)\SAP\SSM\ApplicationServer\data`. On a Linux/UNIX server, the files are located in the `lss` directory in the installation location.

   Make note of the location of all the files that you backup. Later in the upgrade process, you will be moving these to the corresponding directory in the new install location.

   Table 10

File	Description
`CGLIB`	Contains User-Defined Hierarchies.
`MASTERDB`	Catalog of models, users, and other important system information.
`SMREPORT`	Contains procedures from saved reports.

4. If you customized any files that are put down by the installation, copy those files to a backup location. For example, if you created your own timesets in `APLIB`, copy `APLIB` to a backup location. If you are running on a Linux/UNIX server and you added entries to any of the shell scripts created by the install, copy these shell scripts to the backup location.

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5. If you are using the Access LSLink subsystem to retrieve data from a relational data source and you have an `lsdal.ini` file, copy `lsdal.ini` to a backup location.

3.3 Recording Application Definitions That Are Not Upgraded

If you want to use existing definitions for the following items in the latest version of strategy management, you need to record the definitions.

- Scheduled tasks in the administration application. Record the definitions of the scheduled tasks and recreate them in the latest version.
- *Bookmarks*. Record the contents of your bookmarked views.

3.4 Exporting Performance Management Scorecard Data

Use the *Transporter* tool to export your performance management scorecard data and model connections from the older version of strategy management to zip files.

> **Note**
> This step is for backup purposes only.

Prerequisites

You are the strategy management administrator.

Procedure

1. Access the *Tools* page by opening this URL in a browser window:
   `http://<nw_server>:<port>/strategy/tools`
2. Click *Transporter*.
3. To export all data, select *Include Model Connection* only if `localhost` is used for the system and the user/password information is the same on the source and target systems.
4. Click *Export Database* to export the strategy management application data from the SAP NetWeaver System database.

   > **Note**
   > DO NOT apply a database filter in the export. You must export all the data.

5. Click *Download Export* to download the exported database to your local system.
6. Save the export to a .ZIP file and name it `exportsm.zip`.

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7. Open the downloaded .zip file and sort by size. If you see any files that have a length of `0`, contact technical support and do not continue the upgrade.

3.5 Exporting Roles and Actions

This step is for backup purposes only.

Procedure

1. Start SAP NetWeaver.
2. Log on as administrator with the global password you provided when you installed SAP NetWeaver.
3. Click *Configuration* > *Security* > *Identity Management*.
4. From the *Search Criteria* dropdown, select all strategy management related roles, and click *Go*.
5. Choose *Export*.
6. Copy and paste the exported list to a text file located on the server.

3.6 Stopping Services

Perform this step only if a new version of Application Server has been provided in the latest release.

Procedure

If Application Server is installed on a Microsoft Windows server, go to *Administrative Tools* > *Services* and stop the *SAP SM Listener*.

If Application Server is installed on a UNIX/Linux server, log on as root and stop the Application Server TCP/IP Listener daemon by running the following:

```
tldstop
```

3.7 Uninstalling Application Server

You can uninstall Application Server using *Add or Remove Programs* in the *Control Panel* or by running the `xSSMSrv.exe` file and deselecting the components.

Perform this step only if a new version of Application Server has been provided in the latest release.

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Procedure

Application Server on Microsoft Windows servers

1. On the Microsoft Windows server, make sure that you are logged in with a user and password that has administrative privileges on the server.
2. From the installation location, run the `xSSMSrv.exe` file.
3. In the first screen, click *Next*.
4. In the next screen, deselect *SM Application Server* to uninstall Application Server.
5. Click *Next*.
6. In the final screen, click *Finish*.

Application Server on a Linux/UNIX server

1. Assuming you backed up your database files, `MASTERDB`, and any other files that were customized, use the `rm` command to remove all files at the operating system level.
2. If you are not reinstalling Application Server on the same system, then in the `/etc/services` file, delete the following line, where `nnnn` is a number such as *2001* or *8325*. The number varies depending on the version of the strategy management software you have installed:

   ```
   lsserver nnnn/tcp lsserver # Application Server Client
   ```

3.8 Cleaning Up Files

You must clean up files when upgrading from a previous version of strategy management.

Perform this step only if a new version of Application Server has been provided in the latest release.

Procedure

1. Clean your browser cache on the Microsoft Windows server and on all client machines.
2. In the `\Program Files (x86)\SAP\Strategy Management\ApplicationServer` directory, if you see any `.GID` files, delete them. These are Windows-based Application Server online Help cache files that are not deleted when upgrading strategy management. These files are created the first time you start the Windows-based Application Server online Help. If you do not see `..GID` files, it means you have not access Application Server Help. In this case, you can skip this step.
3. In the `\Program Files (x86)\SAP\Strategy Management\ApplicationServer\home` directory, select all the Work database files, right-click, and then choose *Delete* from the floating menu. Work databases have the following filenames: `<web_authentication_name><model>`.
4. In the `\Program Files(x86)\SAP\Strategy Management\ApplicationServer\home` directory, select all the `DB*` files, right-click to display the floating menu, and then choose *Delete*.

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4 Upgrade Process

This section discusses how to upgrade any SAP Strategy Management 10.1 version to the latest support package.

Prerequisites

You have completed the tasks in the *Preparation* section of this guide.

4.1 Installing Application Server and Supporting Files

You can install Application Server software on a Microsoft Windows server or on a Linux/UNIX server. If you are installing on a Linux/UNIX server, you must also install Application Server on a Microsoft Windows client.

You must also install certain supporting files at the same time you install Application Server. For sites installing on a Windows server, you install the supporting files when you install Application Server on the Windows server. For sites installing on a Linux/UNIX server, you install the supporting files when you install Application Server on the Windows client.

> **Note**
>
> Perform step(s) in this section only if a new version of Application Server has been provided in the latest release.

Prerequisites

You have decided whether to install Application Server on a Microsoft Windows server or UNIX/Linux server.

You have decided whether you need to install Application Server on a Microsoft Windows client.

For information about whether you should install Application Server on a Windows client, see the *Master Guide for SAP Strategy Management* on the SAP Help Portal at help.sap.com/bosm101. Then choose *System Landscape*.

4.1.1 Installing Application Server on a Microsoft Windows Server

You can install Application Server on a Microsoft Windows server and install the required supporting files at the same time. The supporting files required for the strategy management application are `bootstrap.zip` and `import.zip`.

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Prerequisites

You are logged into the Microsoft Windows server with a user and password that has administrative privileges on the server.

Procedure

1. From the installation location, run the `xSSMSrv<sp>_<patch>-<smp-id>.exe` file.
2. In the first screen, click *Next*.
3. In the next screen, select *Strategy Management Server Components* and click *Next*.
4. In the path screen, click *Next* to accept the default path. To browse for a different location, click *Browse*.

   The default path is `C:\Program Files (x86)\SAP Strategy Management`.

   For information about supported Windows servers, see the *Product Availability Matrix* (PAM) on SAP Service Marketplace at service.sap.com/pam. In the Strategy Management PAM, choose *Operating Systems*, and then choose *Application Server*.
5. In the final screen, click *Done*.
6. Copy either the `import.zip` file or the `bootstrap.zip` file from the `\SAP Strategy Management \InternetPub\conf` directory to the `\server0\temp\SSM\import` directory on the SAP NetWeaver server. In a default installation, the full path is `\usr\sap\SID\J00\j2ee\cluster\server0\temp\SSM \import`.
7. If you installed Application Server on a Windows server 2008 R2 system, modify the security settings of the `\data` and `\home` directories to allow *Users* full control.
8. If your NetWeaver system database is something other than Max DB, copy the procedures from the corresponding `<sysdb>_procs` directory to the `procs` directory. See Copying Files From the \Procs Directory [page 22] for details.

> **Note**
>
> To cancel the installation, click *Cancel* in any wizard screen.

The *SAP SM Listener* service is started by default. This service listens for WINSOCK TCP/IP Application Server client connections. The service validates the user's rights to log on to the server and start the data communication process.

4.1.2 Installing Application Server on a Linux/UNIX Server

You can install Application Server on a Linux/UNIX server. The client machines running Application Server use WINSOCK support for client/server communications to Linux/UNIX servers.

After you install Application Server on a UNIX/Linux server, you must install Application Server and supporting files on a Windows client. For more information, see *Installing Application Server and Supporting Files* [external document].

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Prerequisites

You are logged in as root on the Linux/UNIX server.

You have downloaded the `SAPCAR` archive file and the `<sarfilename>.SAR` file from SAP Service Marketplace.

Procedure

1. Create a directory to install Application Server.
2. From the location where you downloaded the .SAR file, use the following commands to transfer the .SAR file to the desired installation directory. Case is significant on UNIX so you need to match the exact case of the filename.

   ```
   cp <sarfilename>.SAR /<installdir>
   ```

   If reading the installation location from a Microsoft Windows client, use FTP to transfer the .SAR to the `/<installdir>` directory on your Linux/UNIX machine. Be sure to transfer the file as a binary file.
3. Extract the file using the following command. Make sure you enter the exact case of the filename.

   ```
   SAPCAR -xvf <sarfilename>.SAR
   ```
4. Enter the following command to perform the installation.

   ```
   sh install.sh
   ```
5. Answer all the prompts about your Linux/UNIX environment to set up any environment variables required by Application Server.
6. At the prompt to choose the target environment, enter the number that represents your platform of Linux or UNIX.
7. If your NetWeaver system database is something other than Max DB, copy the procedures from the corresponding `<sysdb>_procs` directory to the `procs` directory. See Copying Files From the \Procs Directory [page 22] for details.

> **Note**
>
> At any time while you are answering the prompts, you can type **Q** to quit and cancel the installation.

The system creates a directory structure under the `/<installdir>` directory. For the complete directory structure, see *Installed File Systems and Services* [external document].

4.1.3 Installing Application Server on a Microsoft Windows Client

You can install Application Server on a Windows client. If you install Application Server on a Linux/UNIX server, you must also install Application Server and supporting files on a Windows client machine for the following reasons:

- You use the Windows client machine to connect to the back end.

  For information about supported Windows clients, see the *Product Availability Matrix* (PAM) on SAP Service Marketplace at service.sap.com/pam. In the Strategy Management PAM, choose *Operating Systems*, and then choose *Administrator Application*.

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- If you read in data from a relational database system, you use Application Server on the Windows client to create a Link ID and copy it to the Linux/UNIX server. (Application Server on Linux/UNIX has no interface to create a Link ID.)
- You need to install the supporting files that are required for the strategy management application. The `bootstrap.zip` and `import.zip` supporting files are provided in the Application Server Windows installation.

For more information about the system landscape, see the *Master Guide for SAP Strategy Management* on the SAP Help Portal at help.sap.com/bosm101. Then choose *System Landscape*.

Prerequisites

You have installed Application Server on a Windows server or Linux/UNIX server.

Procedure

1. Copy the file `xSSMSrv<sp>_<patch>-<smp-id>.exe` from the download location on the Microsoft Windows server to the Microsoft Windows client.
2. From the installation location, run the `xSSMSrv<sp>_<patch>-<smp-id>.exe` file.
3. In the first screen, click *Next*.
4. In the next screen, select *Strategy Management Server Components* and click *Next*.
5. In the path screen, click *Next* to accept the default path of `C:\Program Files (x86)\SAP Strategy Management`. Or, click *Browse* to browse for a location. Then click *Next*.
6. In the final screen, click *Done*.
7. (For Linux/UNIX installations) Move the `import.zip` file or `bootstrap.zip` file from the `\SAP Strategy Management\InternetPub\conf` directory on the server where you installed the supporting files to the `\server0\temp\SSM\import` directory on the SAP NetWeaver server. In a default installation, the full path is `\usr\sap\<SID>\J00\j2ee\cluster\server0\temp\SSM\import`.

   > **Note**
   >
   > Move `import.zip` if you want the demo/sample data to be available. Otherwise, move `bootstrap.zip` instead.

8. If you installed Application Server on a Windows server 2008 R2 system, modify the security settings of the `/data` and `/home` directories to allow *Users* full control.

4.2 Deploying the POASBC Component

Perform this step only if a new version of the POASBC component is included in the latest release.

Use the Software Upload Manager (SUM) tool to deploy. SUM is part of every SAP NetWeaver installation with usage types base on AS Java.

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Procedure

Deploy the `POASBC-BUINW` component. This contains the NetWeaver adapter implementation and platform (integration tier, presentation, and business tier).

This software component contains the default NW Java-only implementation, platform, and libraries for the platform, such as JSON, JAX-RS, CVOM. This component also contains a service to generate PDFs.

4.3 Deploying the Software Component Archive

Use the Software Upload Manager (SUM) tool to deploy the SCA over your existing SCA deployment. SUM is part of every SAP NetWeaver installation with usage types base on AS Java.

Prerequisites

You have installed NW 730 SP1 Java or higher.

Procedure

1. Deploy the Strategy Management Software Component Archive (`SCA`) file, which you downloaded to the SAP NetWeaver server.
2. Restart SAP NetWeaver.

4.4 Importing Bootstrap Data

You must import bootstrap data when upgrading from any previous version of the strategy management components.

Prerequisites

You are the strategy management administrator.

You have updated your Application Server installation as described in Installing Application Server on a Microsoft Windows Server [page 15].

Procedure

1. Depending on your implementation as noted below, copy either the `import.zip` file or the `bootstrap.zip` file from the `\SAP Strategy Management\InternetPub\conf` directory on the Application Server server

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to the `\server0\temp\SSM\import` directory on the SAP NetWeaver server. In a default installation, the full path is `\usr\sap\<SID>\J00\j2ee\cluster\server0\temp\SSM\import`.

> **Note**
>
> Copy `bootstrap.zip` if you do not want the sample data to be available or if it was on your system prior to upgrading and is included in your `exportsm.zip` file. If you did not have the sample data available previously and you want it now, move `import.zip`.

2. Access the *Tools* utility. To do so, open this URL in a browser window:
   `http://<nw_server>:<port>/strategy/tools`
3. Click *Transporter*.
4. In the *Choose a database transport file* section, ensure that the *Delete all data in database before the import?* dropdown list is set to *No*.
5. From the dropdown list of zip files, select the `bootstrap.zip` file or `import.zip` file you moved into the `\import` directory.
6. Click the *Import into Database* button.

> **Note**
>
> In case the import fails, you can review the error log in the *Log Viewer* in SAP NetWeaver Administrator by going to *SAP NetWeaver Administrator* > *Troubleshooting* > *Logs and Traces* > *LogViewer*. Then choose *Show View* > *Open View* > *System Logs and Traces*. The physical location is at `\<server installation>\j2ee\cluster\server0\log`.

4.5 Restarting SAP NetWeaver and Services

Prerequisites

You have administrative permission to restart SAP NetWeaver.

Procedure

1. Restart SAP NetWeaver to clear the table cache.
2. Access the *Tools* utility at `http://<nw_server>:<port>/strategy/tools` and click *JPIP Session Monitor*. Then click *Restart JPIP*.
3. If Application Server is installed on a Microsoft Windows server, go to *Administrative Tools* > *Services* and restart the *SAP SM Listener*.
4. If Application Server is installed on a UNIX/Linux server, log on as root and start the Application Server TCP/IP Listener daemon. Go to the directory where Application Server is installed and run the shell script to start the Listener. For example:

   ```
   cd /opt/sap/sm/lss
   ```

   Run the shell script to start the Listener:

   ```
   sh tldgo
   ```


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When `lsstld` has initialized, it creates a log file called `LSSTLD.LOG` in the current directory, and displays the following messages:

```
****************************************************************
lsstld: daemon initialization started at Fri May 06 08:59:15 2011
lsstld: daemon initialization completed at Fri May 06 08:59:15 2011
****************************************************************
```


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5 Follow-Up Activities

For information about ongoing administration of strategy management components, see the *Administrator's Guide for SAP Strategy Management Application Server* and the *Administrator's Guide for SAP Strategy Management Interactive Publisher and Application Components* on the SAP Help Portal at help.sap.com/bosm101.

> **Note**
> Users currently running Internet Explorer 8 as their browser must upgrade to the 9 series or above.

5.1 Merging Customizations

If you previously backed up files put down by the installation because they contained customizations, merge your changes into the new files.

5.2 Copying Files From the \Procs Directory

In some implementations, you must copy the files from `\SAP Strategy Management\InternetPub\procs\<db>_procs` directory up one level into the `\procs` directory, replacing the MaxDB version of the same files.

As an upgrade step, you must copy the files if your implementation includes both of these items:

- You are using SQL Server, Oracle, or DB2 as the SAP NetWeaver system database.
- You are using one or more of these features:
  - You want to look at the strategy management tables in the system database
  - You are using the Entry and Approval application
  - You are using Cube Builder (now called Model Designer)

The task of copying files up one level was performed during the initial configuration, but must be done again during an upgrade.

For information about copying the `\procs` folder, see the *Installation Guide for SAP Strategy Management* on the SAP Help Portal at help.sap.com/bosm101. Review the topic *Setting Up Client Access to the SAP NetWeaver System Database*.

5.3 Redefining Strategy Management Objects That Were Not Upgraded

Certain aspects of functionality are not upgraded when you install the new version of the application. You must make changes as appropriate.

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For any objects whose definitions you recorded before uninstalling strategy management, you can now create those objects in the latest version of strategy management.

For more information, see Recording Application Definitions That Are Not Upgraded [page 12]

Features

You must make the following changes for all that apply to your implementation:

- Goal diagram status indicators may not appear in the latest version. If this is the case, you should run the *Calculate All Scorecard Objects* scheduled task to have the status indicators appear as appropriate.
- You can now recreate bookmarks in the new version by referring to the saved bookmark information.

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A Appendix

A.1 List of Documentation

The following guides are located on Service Marketplace, which you can access via the SAP Help Portal at help.sap.com/bosm101:

- *Administrator's Guide for SAP Strategy Management Application Server*
- *Administrator's Guide for SAP Strategy Management Interactive Publisher and Application Components*
- *Client Installation Guide for SAP Strategy Management Excel Add-In*
- *Server Configuration Help for SAP Strategy Management*

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