Upgrade Guide
SRM-MDM Catalog 7.02
Upgrading from SRM-MDM Catalog 2.0

Target Audience
- Technology Consultants
- System Administrators
Document History

CAUTION
Before you start the implementation, make sure you have the latest version of this document.
You can find the latest version at the following location http://service.sap.com/instguides.

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

<table>
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<tr>
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<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>2013-08-13</td>
<td></td>
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# Introduction

## 1.1 About This Document

This document describes how to upgrade from SRM-MDM Catalog 2.0 SP04 to SRM-MDM Catalog 7.02 without modifying or losing data.

**NOTE**

In this guide, SRM-MDM Catalog 7.02 refers to SRM-MDM Catalog 7.02 SP01.

This document is intended for customers who run SRM-MDM Catalog 2.0 SP04 in a productive environment, or who are close to finalizing their SRM-MDM Catalog 2.0 SP04 implementation projects and need to upgrade to SRM-MDM Catalog 7.02.

**CAUTION**

If your environment is not yet running SRM-MDM Catalog 2.0 SP04, you must patch your environment to SRM-MDM Catalog 2.0 SP04 before upgrading.

### Integration

See the table below for documentation related to the SRM-MDM Catalog and this upgrade.

<table>
<thead>
<tr>
<th>Document</th>
<th>Located</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRM 7.03 Master Guide</td>
<td><a href="http://service.sap.com/instguides">http://service.sap.com/instguides</a></td>
</tr>
<tr>
<td>SRM-MDM Catalog 7.02 Component Installation Guide</td>
<td><a href="http://service.sap.com/instguides">http://service.sap.com/instguides</a></td>
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</tbody>
</table>

### Constraints

This document does not cover the direct upgrade from SRM-MDM Catalog 2.0 SP02 or earlier SP to SRM-MDM Catalog 7.02. For information on patching these versions of SRM-MDM Catalog to SP04, see SAP Note [1157431](http://service.sap.com/notes) for SRM-MDM Catalog 2.0 SP03 and SAP Note [1165452](http://service.sap.com/notes) for SRM-MDM Catalog 2.0 SP04 before upgrading to SRM-MDM Catalog 7.02.

## 1.2 SAP Notes for the Upgrade

The SAP Notes listed below are relevant to this upgrade.

**NOTE**

Make sure that you have the up-to-date version of each SAP Note, which you can find on SAP Service Marketplace at [http://service.sap.com/notes](http://service.sap.com/notes)
## SAP Notes for the Upgrade

<table>
<thead>
<tr>
<th>SAP Note Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1585347</td>
<td>SRM–MDM Catalog 7.02 Upgrade from SRM-MDM Catalog 2.0</td>
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<tr>
<td>1585352</td>
<td>SRM–MDM Catalog 7.02 Installation and Configuration</td>
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<td>1548532</td>
<td>SRM–MDM Catalog 7.02 Repository</td>
</tr>
<tr>
<td>1641186</td>
<td>SRM–MDM Catalog 7.02 Configuration</td>
</tr>
</tbody>
</table>
2 Upgrade - Step by Step

The actions for the upgrade are in chronological order, so that you can work through them like a checklist. For more information, use the links to the action description.

Dev/Test Environment Versus Productive Environment

The standard customer environment is a 2-tier installation split into:
- A development/test environment where implementations and upgrades can be tested.
- A productive environment that has to be reliable over time.

This 2-tier issue is addressed in the context of the different activities.

NOTE

The steps in the list below are specified in the correct order for the upgrade of a productive environment. The exact order of the steps can be different for a test environment.

NOTE

If you are updating only the repository, skip steps from 5.1 to 5.5. Also refer to steps mentioned in the section 5.6 Updating the Repository.

Planning

To minimize system downtime, take into consideration the productive use of the SRM-MDM Catalog system when planning the upgrade procedure. For more information, see Planning. [page 9]

Prerequisites

Preparation

1. Download the new SRM-MDM Catalog 7.02 installation package. For more information, see Downloading SRM-MDM Catalog 7.02 [page 11].

2. Back up your existing SRM-MDM Catalog 2.0 SP04 installation. For more information, see Backing Up the SRM-MDM Environment [page 14].

Procedure

Upgrade Process in Productive Environment

1. Uninstall the old SRM-MDM Catalog 2.0 SP04 components. For more information, see Uninstalling SRM-MDM Catalog 2.0 SP04 [page 17].

CAUTION

Do not uninstall the SRM-MDM Java components. During the upgrade process, the Software Update Manager (SUM) tool updates these components automatically.
2. Install the new SRM-MDM Catalog 7.02 installation packages. For more information, see *Installing SRM-MDM Catalog 7.02* [page 18]

3. Upgrade the existing repositories. For more information, see *Upgrading Repositories* [external document].

4. Load repositories with index updating.

5. Upgrade SRM-MDM Catalog Search UI. For more information, see *Upgrading the Search UI Configuration* [page 23].

6. Optional: Upgrade SRM-MDM Catalog Web UI for Approver. For more information, see *Upgrading SRM-MDM Catalog UI for Approver (Optional)* [page 23]

7. Optional: Upgrade MDM Web UI. For more information, see *Upgrading MDM Web UI (Optional)* [page 24]

8. Optional: Upgrade MDM ABAP API. For more information, see *Upgrading MDM ABAP API (Optional)* [page 24]

9. Perform all component-specific activities. For more information, see *Performing Component-Specific Activities* [page 24].

**Follow Up Activities**

Test the old SRM-MDM Catalog 2.0 SP04 functionality in SRM-MDM Catalog 7.02.
3 Planning

Regardless of whether your SRM-MDM Catalog environment is a productive or a project-specific test environment, users rely on the availability of the SRM-MDM Catalog system.

**RECOMMENDATION**

If you have a development or test environment, we recommend that you test the upgrade there before starting the upgrade in the productive environment. An environment-specific upgrade plan should be provided for the development or test environment first.

**Time Planning**

Use the figures in the table below as estimates for your upgrade planning. The actual time depends on the number of hosts, the number of components installed on a host, and the number of repositories. The time required for backup repository and upgrade repository steps depends on the number of records in the respective repository.

<table>
<thead>
<tr>
<th>Action</th>
<th>Required Time (Approx)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Back up the stopped environment</td>
<td>1–2 hours</td>
</tr>
</tbody>
</table>
| Uninstall and install one SRM-MDM Catalog component | 10 minutes/host per one MDM component  
60 minutes/host for migration of file structure |
| Upgrade one repository after installation items   | 5 minutes/repository for update  
60 minutes per 650000-700000 items (time for SRM-MDM Catalog-specific upgrade is dependent on the number of catalog items in your repository and your system landscape)  
CLI command scripts: Dependent on the number of CLI command scripts in MDS. |

CLIX command scripts: Dependent on the number of CLI command scripts in MDS.
Upgrading an existing SRM-MDM Catalog landscape with version SRM-MDM Catalog 2.0 SP04 requires preparation steps. A 2-tier installation comprising a development/test environment and a productive environment has different preparation steps from a 1-tier installation comprising only a productive environment.

**NOTE**
In a real-life situation, you might have a development, a test and, a number of productive environments (1 master and n slaves). In this case, the steps are the same as for the 2-tier environment.

1-Tier Environment (Productive Environment Only)
The preparation steps are:
- Download the new SRM-MDM Catalog 7.02 installation packages
- Stop productive usage
- Back up the existing environment

2-Tier Environment (Development or Test Plus Productive Environment)
1. Preparation Steps for development or test environment
   - Download the new SRM-MDM Catalog 7.02 installation packages
   - Stop test usage
   - Back up the existing development or test environment(s)
2. Productive Environment
   To ensure that you perform the upgrade in the shortest possible time, perform the preparation steps including rigorous and robust testing in development/test environment(s) *after* upgrading the tested environment.
   - Download the new SRM-MDM Catalog 7.02 installation packages
   - Stop productive usage
   - Back up the existing environment

### 4.1 Downloading SRM-MDM Catalog 7.02

**Procedure**
Download the SRM-MDM Catalog 7.02 installation package through the Maintenance Optimizer in SAP Solution Manager.
NOTE
All corrective software packages, including support packages stacks, released after April 2nd 2007 are available exclusively through the Maintenance Optimizer in SAP Solution Manager. For more information about the Maintenance Optimizer, see SAP Service Marketplace at http://service.sap.com/support-infrastructure → Maintenance Optimizer.

NOTE
SAP strongly recommends using SAP Solution Manager to identify and implement the required support packages. The Maintenance Optimizer available in Solution Manager allows you to automatically calculate the recommended support package levels, and add them to your list of downloads.

The SRM-MDM Catalog 7.02 installation package includes all the components of SRM-MDM Catalog 7.02. The downloaded software should be available for both the test and productive environment. For more information, see SAP Note 1585352 and the SAP SRM Master Guide at:

http://service.sap.com/instguides → SAP Business Suite Applications → SAP SRM → SAP SRM Server 7.02

4.2 Saving the SRM-MDM Search UI Configuration

Procedure
You export the SRM-MDM Catalog 2.0 SP04 Search UI Configuration via the SRM-MDM Catalog Configuration UI.

1. Start the URL to access the configuration UI:
   The system opens a logon screen.
   To use a language other than English, call the URL above with parameters <uilanguage> and <datalanguage>. The following languages are available:
   Chinese (ZH), Czech (CS), Danish (DA), Dutch (NL), English (EN), Finnish (FI), French (FR), German (DE), Greek (EL), Hebrew (HE), Hungarian (HU), Italian (IT), Japanese (JA), Korean (KO), Norwegian (NO), Polish (PL), Portuguese (PT), Russian (RU), Slovakian (SK), Spanish (ES), Swedish (SV), Thai (TH), Turkish (TR)

2. Log on to the MDM Server and enter the following data:

<table>
<thead>
<tr>
<th>Data For</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Server Name</td>
<td>Specify the host on which your MDM server is installed.</td>
</tr>
<tr>
<td>Password</td>
<td>Specify the server password (if set) and choose Connect.</td>
</tr>
</tbody>
</table>

3. Choose Transport Connection and, in the relevant repository,
   - Specify a user name and password.
   - Choose Export to export to your backup location.
4. Save the export to your backup location.

4.3 Stopping Productive Usage of SRM-MDM Catalog

Prerequisites

- No users are using the SRM-MDM Catalog Search UI in either SAP SRM or SAP ERP transactions.
- No content managers are importing supplier catalog files to manipulate content in SRM-MDM Catalog repository.
- No contract data is being replicated from SAP SRM or SAP ERP.

Procedure

Before you back up and upgrade the complete system, you must stop all SRM-MDM catalog system components on the relevant host as follows:

1. Make sure that no users are actively logged on to the:
   - Search UI
   - Configuration UI
   - Data Manager
   - Import Manager
2. Unload all active repositories using the MDM Console.
3. Verify and repair repositories, checking that there are no errors.
4. Stop the MDM Server and the MDM Import Server on the current host.

**NOTE**

If your host runs under Window OS, check the Windows services to see that the MDM Server and MDM Import Server have stopped.

5. Stop the SRM-MDM Catalog Application and the MDM Connector on the AS Java as follows:
   1. Log on to the SAP Netweaver Administrator.
   2. Choose Administration Applications.
      
      **Stopping the SRM-MDM Catalog Application**
      1. In Get Select Criteria, choose Application Name
      2. Insert `srmcat` and choose Go
      3. Select the found entries one after another
         1. In Application Details, choose Stop.

      **Stopping MDM Connector Application on AS Java**
      1. In Get Select Criteria, choose Application Name
      2. Insert `sap.mdm.tech` and choose Go
      3. Select the found entry
         1. In Application Details, choose Stop.

The following steps are optional.
6. **Stop Web UI for Approver**

   If you are not using iViews or the UWL with your current MDM 5.5 installation, then this section is not relevant.

   To stop the Web UI for Approver, remove the workflow entry point in the Portal in User Administration, and remove the MDM-delivered role **SRM Catalog Content Manager** from the users or user groups.

   For more information, see the MDM Upgrade Guide on SAP Service Marketplace at [http://service.sap.com/installMDM](http://service.sap.com/installMDM)

7. **Stop MDM Web UI on the AS Java**

---

**4.4 Backing Up the SRM-MDM Catalog Environment**

**Procedure**

**RECOMMENDATION**

We recommend following this procedure for reasons of safety during the upgrade.

**Backing up the MDM Environment**

1. **Start MDM server**

   Use the MDM Console or a CLIX-based batch procedure to archive all repositories that you want to reuse after the upgrade.

2. **Back up the MDM installation file system**

   Copy the complete path for the existing MDM installation to the backup location. The standard paths are:

   - Windows: `<system partition>:Program Files\SAP MDM 7.1`
   - Unix: `/usr/local` or `/opt`

   **CAUTION**

   Save copies of the files MDS.INI or MDIS.IN. Both files are removed during the uninstallation step.

   The upgrade creates new MDS.INI or MDIS.INI files based on the most current default versions. After you have upgraded and started the MDM server, and mounted your SRM-MDM Catalog repository, you must reapply any changes that you made to MDS.INI or MDIS.INI.

3. **Save your CCMS monitoring environment**

   If you have used CCMS monitoring for the MDM Server, back up the CCMS environment on the your host (the common location is system `partition:\usr\sap\prfclog`).

4. **Document your Import Maps**

   Log on to the MDM Import Manager and check that you have documented all your maps correctly.

   For information on delivered SAP standard maps, SAP Note [1545832](http://service.sap.com/installMDM).
5. **Optional: Save the SRM-MDM Catalog-Specific portal environment (Web UI for Approver)**
   Export the portal content and download it to a load .epa file.

**RECOMMENDATION**
We recommend performing these backup tasks for your test and development environments.
5 Upgrade Process

After completing the preparation activities including backup, the upgrade of SRM-MDM Catalog 2.0 SP04 comprises:

1. **Uninstalling SRM-MDM Catalog 2.0 SP04** [page 17]
2. **Installing SRM-MDM Catalog 7.02** [page 18]
3. **Updating the Repository** [page 17]
4. **Updating Import Maps** [page 19]
5. **Setting Repository Languages (optional)** [page 19]
6. **Upgrading the Repository** [page 20]
7. **Importing Item Types** [page 20]
8. **Upgrading the Search UI** [page 23]
9. **Upgrading SRM-MDM Catalog UI for Approver (Optional)** [page 23]
10. **Upgrading MDM Web UI (Optional)** [page 24]
11. **Upgrading MDM ABAP API (Optional)** [page 24]
12. **Performing Component-Specific Activities** [page 24]

5.1 Uninstalling SRM-MDM Catalog 2.0 SP04

**Procedure**

**CAUTION**

Do **not** uninstall the SRM-MDM Java components. During the upgrade process, the Software Update Manager (SUM) tool updates these components automatically.

1. **Uninstall MDM Core Components (Required)**

   To uninstall MDM Components:
   - **On OS Windows**
     - Choose **Add or Remove Programs** from the Windows control panel.
     - If you encounter problems, go to the specific directories (such as `C:\program files\SAP MDM 5.5\server`) and start the UNWISE32.EXE executable to uninstall the component.
   - **On UNIX**
     - No dedicated uninstalling process is available. Go to the application directory (usually under `/opt`) and remove the existing application files.
5.2 Installing MDM Clients and Updating MDM Server

Procedure

Install the SRM-MDM Catalog 7.02 components on your host in the order specified below. For more information, see the SRM-MDM Catalog 7.02 Installation Note [1585352] and the SAP NetWeaver MDM 7.1 Installation Guide on SAP Service Marketplace at http://service.sap.com/installMDM.

1. MDM Server
2. MDM Import Server
3. MDM Console (Remember to install the components on all PCs or laptops)
4. MDM Data Manager (including MDM Workflow) (Remember to install the components on all PCs or laptops)
5. MDM Import Manager (Remember to install the components on all PCs or laptops)
6. MDM Language Selector (Remember to install the components on all PCs or laptops)
7. MDM CLIX (If used, remember to install the components on all PCs or laptops)
8. MDM Java API
9. MDM Connector
10. Portal Content MDM Cat
11. SRM-MDM Catalog Search UI

After installing the components in the order above, note the following:

1. Use SAP Management Console or MDM Console to start the MDM Server and MDM Import Server after you have completed the installation (MDS.INI or MDIS.INI are created).
2. Use the MDM Console to mount your SRM-MDM Catalog repository (MDS.INI or MDIS.INI are updated with repository sections).
3. Use SAP Management Console or MDM Console to stop the MDM Server and MDM Import Server.
4. Reapply any changes that you made to MDS.INI and MDIS.INI.
   You can now use the MDM Console to perform some of the configuration such as user/password for MDIS (MDM Import Server). For more information, see the MDM Console reference guide on SAP Service Marketplace at http://service.sap.com/installmdm
5. Use SAP Management Console or MDM Console to start the MDM Server and MDM Import Server (changed settings in MDS.INI and MDIS.INI can take effect).

5.3 Updating the Repository

SRM-MDM Catalog 2.0 SP04 is based on SAP NetWeaver MDM 5.5 SP06, but SRM-MDM Catalog 7.01 is based on SAP NetWeaver MDM 7.1. A technical update step is required so that SAP NetWeaver MDM 7.1 can access the repository of SRM-MDM Catalog 2.0.

Prerequisites

You have installed SAP NetWeaver MDM 7.1.
5.4 Updating Import Maps

Update the repository import maps so that they can be reused in MDM 7.1.

Procedure
1. Use the MDM Console to load the repository. Wait for the loading of the repository to finish before proceeding with the next step.
2. Open the MDM Import Manager
3. Connect to the loaded repository
   The MDM Import Manager issues a message asking you to convert the existing import maps.
4. To start the update procedure, choose Yes.

More Information
For more information, see the section Update Repositories in the SAP NetWeaver MDM 7.1 Upgrade guide on SAP Service Marketplace under http://service.sap.com/installMDM

5.5 Setting Repository Languages

During the repository upgrade, some language-dependent data is written to the repository provided that the relevant languages have been activated for the repository before the upgrade process.

NOTE
If you have not removed English as a language from your repository, and if you do not want to activate additional languages, this step is optional.
The language English must be set in the repository for the SRM-MDM Catalog Search UI to work properly.

Prerequisites
English must be an activated language in addition to any other languages you need to activate.

Procedure
1. Enter the MDM Console.
2. Mount the MDM Server.
3. Select the server node in the MDM Console.
4. Select the repository from the list of repositories.
5. Right click the repository and select menu item **Connect to Repository**.
6. Click the server node again.
7. Click your repository in the **Repositories** pane.
   The repository detail displays the active languages.
8. Click the field **Languages**.
9. Select the language or languages you want to activate from the list of available languages. The language English must be in the list of selected languages.

### 5.6 Importing Item Types

New item types are required for SRM-MDM Catalog 7.02, and you use this process to import them to the **Item Types** table in the repository.  
See SAP Note [1548532](#) for a list of item types.

#### Prerequisites
- The repository is loaded
- The file Item_Types_UTF8.txt has been extracted from the zip file Content_Table_ItemTypes.zip available as an attachment in SAP Note [1548532](#)

#### Procedure
1. Enter the MDM Import Manager
2. Connect to the repository
3. Connect to the source

```
<table>
<thead>
<tr>
<th>Type</th>
<th>Delimited Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remote System</td>
<td>MDM</td>
</tr>
<tr>
<td>File Name</td>
<td>[directory]/Item_Types_UTF8.txt</td>
</tr>
<tr>
<td>Delimiter</td>
<td>\t</td>
</tr>
</tbody>
</table>
```
4. Open the **Item Types** import map
5. Finish the import

**NOTE**

You may receive the following error message while importing: “Found non-conforming characters in input stream [Encoding ASCII].” If you receive this message, save the text file in UTF-8 format and import again.

### 5.7 Upgrading the Repository

Some changes made to the repository schema in the new SRM-MDM Catalog 7.02 have made a repository upgrade necessary.
Prerequisites

- All records are checked in.
- All workflows are closed.
- No records are protected or locked.
- Log on to the MDM Data Manager and set the field *Automatic Execution* for all validations to the value NONE. This ensures that the upgrade does not modify any values and negates the need for an automatic execution for Validations. For more information, see [http://service.sap.com/installmdm](http://service.sap.com/installmdm) MDM Data Manager Reference Guide 7.1

Use the MDM Data Manager to check that all prerequisites are met.

Procedure

**NOTE**
A list of all repository changes is available in the *Overview of Repository Changes* [page 27].

**CAUTION**

1. The upgrade only supports repositories in which no SAP standard fields have been changed.
2. There is no guarantee that user defined time-stamps on SAP standard fields or their values are the same after the upgrade.
3. Close all running instances of the MDM Console to ensure that no MDM Console blocks the modification of the repository.

Perform the following steps in each repository that you need to upgrade.

2. Select *Upgrade Repositories*.
3. Connect to your MDM Server and select a repository that you want to upgrade.

The following automated steps, such as changes of field types, adjust the repository:

- Unloading the repository
- Upgrading the repository model (creating tables and fields)
- Loading the repository
- Upgrading the repository content (copy values from old to new fields)
- Unloading repository

**NOTE**

Log on to the MDM Console and load the repository that you would like to upgrade. Ensure that the repository is loaded before you progress with the following steps.

4. To create new fields, tables, and upload languages (this is not an automated step), open the MDM Console and login to the repository

- Select and right-click the repository
- Select menu item *Unload ➔ Immediate*
Select and right-click the repository

Select menu item Transport → Import Repository Schema. 

For more information about performing the schema import, see Follow-On Activity: MDM Import Manager at the end of this section.

Select the XML repository schema file. The XML Repository Schema is available in SAP Note 1548532 as an attachment. The appendix in the SAP note shows you the required file. While importing the Repository Schema on MDM repository, if you get an error message stating “File was created with incompatible build of MDM “, refer to SAP Note 1454924.

A window displaying all the changes that can be made to the repository appears. This allows you to:

- Decide which changes to adopt
- Make sure that no changes are displayed in your Customizing
- Note the modifications you make. By default you lose the changes when you accept the changes in the User Interface (UI). Make sure that you reject changes that would reset or delete your modifications.
- Accept all changes on delivered standard fields and tables by default.

5. Confirm this step.

Follow-On Activity: MDM Data Manager

1. Adjust validations and assignments in the MDM Data Manager after the upgrade. To do this you modify the expressions for the affected validations and assignments by deleting the corresponding field and reinserting it.

CAUTION

Although modified fields are still visible after the upgrade, all validations and assignments, mapped to a field type that changed during the upgrade process, are now invalid.

For a complete list of changed fields, see the table Field Type Changes in Overview of Repository Changes [page 27].

Follow-On Activity: MDM Import Manager

The follow-on activity in the MDM Import Manager comprises the following step:

1. Remapping the MDM Import Maps affected in the SRM-MDM Catalog standard delivery. To do this, re-create the mapping from source to target fields.

CAUTION

All import maps, mapped to field types that changed during the upgrade process, are now invalid.

Check that all import maps are functioning properly.

Standard Delivered Maps
To check standard delivered maps, open the standard import maps using XML Schema as Import Type. The information on the remote system, the file to be imported, the import map, and re-creating standard maps is available in SAP Note 1548532.

**Customer-Specific Maps**

Rebuild the import maps based on the notes that you have taken in preparation of the upgrade. You need to re-create the import maps, starting with a new import map. Do not update the existing import maps. To save the newly created import map, overwrite the existing one. This guarantees that you do not need to update your port definitions.

For a complete list of changed fields, see the table *Field Type Changes* in *Overview of Repository Changes* [page 27].

**CAUTION**

A stopped upgrade of repositories cannot be continued — you have to start the upgrade from the beginning with your backup as the basis for the fresh start of the upgrade process.

**NOTE**

If you update from SRM-MDM Catalog 7.01 to 7.02, switches might not be visible. To make the switches visible, follow the steps described in the note 1888198.

### 5.8 Upgrading the Search UI Configuration

**Procedure**

The existing configurations of the search UI stored in the NetWeaver Application Server Java have to be upgraded to version 2.0

1. Start the Browser and enter the following URL to connect to the upgrade utility:

   http://<your AS Java host>:< AS Java port>/webdynpro/dispatcher/sap.com/tc-mdm-srmcat-uiutil/Utilities

   Perform the subsequent steps for all repositories that you need to upgrade:

2. Choose *Upgrade Configuration*.

3. Choose *Start Upgrade* to start the upgrade process.

### 5.9 Upgrading SRM-MDM Catalog UI for Approver (Optional)

**Procedure**

1. To upgrade SAP NetWeaver MDM PCT Content for Technology (business package for technology) and SAP NetWeaver MDM PCT Content for Application (business package for application), follow the steps as described in the SAP NetWeaver MDM 7.1 Upgrade Guide on SAP Service Marketplace at http://service.sap.com/installMDM.
2. Deploy the BP SRM-MDM Catalog for SRM-MDM 7.02 using JSPM (Java Support Package Manager).

5.10 Upgrading MDM Web UI (Optional)

Procedure
To use the MDM Web UI, follow the steps as described in the SAP NetWeaver MDM 7.1 Upgrade Guide on SAP Service Marketplace at http://service.sap.com/installMDM.

5.11 Upgrading MDM ABAP API (Optional)

Procedure
To use MDM ABAP API, follow the steps as described in the SAP NetWeaver MDM 7.1 Upgrade Guide on SAP Service Marketplace at http://service.sap.com/installMDM.

5.12 Performing Component-Specific Activities

The table below lists the SRM-MDM Catalog 7.02 components that require specific upgrade activities:

<table>
<thead>
<tr>
<th>Task</th>
<th>Specific Upgrade Activities Required?</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDM Server Activities</td>
<td>Yes. For more information, see SAP NetWeaver MDM 7.1 Upgrade Guide on SAP Service Marketplace at <a href="http://service.sap.com/installMDM">http://service.sap.com/installMDM</a></td>
</tr>
<tr>
<td>MDM Import Server Activities</td>
<td>Yes. For more information, see SAP NetWeaver MDM 7.1 Upgrade Guide on SAP Service Marketplace at <a href="http://service.sap.com/installMDM">http://service.sap.com/installMDM</a></td>
</tr>
<tr>
<td>SRM-MDM Catalog Search UI</td>
<td>Yes. For more information, see SAP NetWeaver MDM 7.1 Upgrade Guide on SAP Service Marketplace at <a href="http://service.sap.com/installMDM">http://service.sap.com/installMDM</a></td>
</tr>
<tr>
<td>MDM Connector/API Activities</td>
<td>No</td>
</tr>
<tr>
<td>SAP Process Integration Activities</td>
<td>Yes. For more information see Performing SAP Process Integration Activities [page 24].</td>
</tr>
<tr>
<td>MDM CCMS Agent Plug-In Activities</td>
<td>No</td>
</tr>
</tbody>
</table>

5.12.1 Performing SAP Process Integration Activities

Procedure
This section comprises upgrade activities for:
- XI Content SRM-MDM Catalog 7.02
- SAP Process Integration 7.40

 XI Content SRM-MDM Catalog 7.02
The XI content contains objects and preconfigured settings for SRM-MDM Catalog 7.02.
**SAP Process Integration (PI)**

The table below contains the actions required in SAP PI.

<table>
<thead>
<tr>
<th>Where</th>
<th>Action</th>
</tr>
</thead>
</table>
| Integration Repository | ■ Import the XI content for SRM-MDM Catalog 7.02 into the Integration Repository  
                         ■ Delete the XI content for the software component version SRM-MDM Catalog 2.0 SP04 from the integration repository. |
| Integration Directory | ■ Create a new configuration scenario as described in the Solution Manager based on XI Content SRM-MDM Catalog 7.02.  
                         Business services and business systems with their communication channels can be reused.  
                         ■ Delete the existing configuration scenario based on the XI Content SRM-MDM Catalog 1.0 |
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6  Overview of Repository Changes

To view all changes to the SRM-MDM catalog repository since SRM-MDM Catalog 2.0 SP04, see SAP Note 1548532.

The attachment SRM-MDM_Catalog_701_Repository.doc contains a section History of Repository Model lists all the changes to the SRM-MDM Catalog repository since SRM-MDM Catalog 2.0 SP04.
A.1 The Main SAP Documentation Types

The following is an overview of the most important documentation types that you need in the various phases in the life cycle of SAP software.

Cross-Phase Documentation

SAPterm is SAP’s terminology database. It contains SAP-specific vocabulary in over 30 languages, as well as many glossary entries in English and German.

- Target group:
  - Relevant for all target groups
- Current version:
  - In the SAP system in transaction STERM

SAP Library is a collection of documentation for SAP software covering functions and processes.

- Target group:
  - Consultants
  - System administrators
  - Project teams for implementations or upgrades
- Current version:

The security guide describes the settings for a medium security level and offers suggestions for raising security levels. A collective security guide is available for SAP NetWeaver. This document contains general guidelines and suggestions. SAP applications have a security guide of their own.

- Target group:
  - System administrators
  - Technology consultants
  - Solution consultants
- Current version:

Implementation

The master guide is the starting point for implementing an SAP solution. It lists the required installable units for each business or IT scenario. It provides scenario-specific descriptions of preparation,
execution, and follow-up of an implementation. It also provides references to other documents, such as installation guides, the technical infrastructure guide and SAP Notes.

- Target group:
  - Technology consultants
  - Project teams for implementations
- Current version:

The **installation guide** describes the technical implementation of an installable unit, taking into account the combinations of operating systems and databases. It does not describe any business-related configuration.

- Target group:
  - Technology consultants
  - Project teams for implementations
- Current version:

**Configuration Documentation in SAP Solution Manager** — SAP Solution Manager is a life-cycle platform. One of its main functions is the configuration of business scenarios, business processes, and implementable steps. It contains Customizing activities, transactions, and so on, as well as documentation.

- Target group:
  - Technology consultants
  - Solution consultants
  - Project teams for implementations
- Current version:
  - In SAP Solution Manager

The **Implementation Guide (IMG)** is a tool for configuring (Customizing) a single SAP system. The Customizing activities and their documentation are structured from a functional perspective. (In order to configure a whole system landscape from a process-oriented perspective, SAP Solution Manager, which refers to the relevant Customizing activities in the individual SAP systems, is used.)

- Target group:
  - Solution consultants
  - Project teams for implementations or upgrades
- Current version:
  - In the SAP menu of the SAP system under **Tools → Customizing → IMG**

**Production Operation**

The **technical operations manual** is the starting point for operating a system that runs on SAP NetWeaver, and precedes the application operations guides of SAP Business Suite. The manual refers
users to the tools and documentation that are needed to carry out various tasks, such as monitoring, backup/restore, master data maintenance, transports, and tests.

- **Target group:**
  - System administrators

- **Current version:**

The **application operations guide** is used for operating an SAP application once all tasks in the technical operations manual have been completed. It refers users to the tools and documentation that are needed to carry out the various operations-related tasks.

- **Target group:**
  - System administrators
  - Technology consultants
  - Solution consultants

- **Current version:**

**Upgrade**

The **upgrade master guide** is the starting point for upgrading the business scenarios and processes of an SAP solution. It provides scenario-specific descriptions of preparation, execution, and follow-up of an upgrade. It also refers to other documents, such as upgrade guides and SAP Notes.

- **Target group:**
  - Technology consultants
  - Project teams for upgrades

- **Current version:**

The **upgrade guide** describes the technical upgrade of an installable unit, taking into account the combinations of operating systems and databases. It does not describe any business-related configuration.

- **Target group:**
  - Technology consultants
  - Project teams for upgrades

- **Current version:**

**Release notes** are documents that contain short descriptions of new features in a particular release or changes to existing features since the previous release. Release notes about ABAP developments are the technical prerequisite for generating delta and upgrade Customizing in the Implementation Guide (IMG).

- **Target group:**
A.1 The Main SAP Documentation Types

- Consultants
- Project teams for upgrades

Current version:
- In the SAP menu of the SAP system under Help → Release Notes (only ABAP developments)
## Typographic Conventions

<table>
<thead>
<tr>
<th>Example</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>&lt;Example&gt;</code></td>
<td>Angle brackets indicate that you replace these words or characters with appropriate entries to make entries in the system, for example, “Enter your <code>&lt;User Name&gt;</code>.”</td>
</tr>
<tr>
<td>-</td>
<td>Arrows separating the parts of a navigation path, for example, menu options</td>
</tr>
<tr>
<td>Example</td>
<td>Emphasized words or expressions</td>
</tr>
<tr>
<td>Example</td>
<td>Words or characters that you enter in the system exactly as they appear in the documentation</td>
</tr>
<tr>
<td><a href="http://www.sap.com">http://www.sap.com</a></td>
<td>Textual cross-references to an internet address</td>
</tr>
<tr>
<td><code>/example</code></td>
<td>Quicklinks added to the internet address of a homepage to enable quick access to specific content on the Web</td>
</tr>
<tr>
<td>123456</td>
<td>Hyperlink to an SAP Note, for example, SAP Note 123456</td>
</tr>
<tr>
<td>Example</td>
<td>- 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</td>
</tr>
<tr>
<td>Example</td>
<td>- 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</td>
</tr>
<tr>
<td><strong>EXAMPLE</strong></td>
<td>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, <code>SELECT</code> and <code>INCLUDE</code></td>
</tr>
<tr>
<td><strong>EXAMPLE</strong></td>
<td>Keys on the keyboard</td>
</tr>
</tbody>
</table>