Quick Guide for Implementing the SAP Manufacturing Execution for Discrete Manufacturing Rapid Deployment Solution
Icons

<table>
<thead>
<tr>
<th>Icon</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>⚠</td>
<td>Caution</td>
</tr>
<tr>
<td>📇</td>
<td>Example</td>
</tr>
<tr>
<td>📚</td>
<td>Note</td>
</tr>
<tr>
<td>🔏</td>
<td>Recommendation</td>
</tr>
<tr>
<td>🔬</td>
<td>Syntax</td>
</tr>
</tbody>
</table>

Typographic Conventions

<table>
<thead>
<tr>
<th>Type Style</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Example text</em></td>
<td>Words or characters that appear on the screen. These include field names, screen titles, pushbuttons as well as menu names, paths and options. Cross-references to other documentation.</td>
</tr>
<tr>
<td><strong>Example text</strong></td>
<td>Emphasized words or phrases in body text, titles of graphics and tables.</td>
</tr>
<tr>
<td><strong>EXAMPLE TEXT</strong></td>
<td>Names of elements in the system. These include report names, program names, transaction codes, table names, and individual key words of a programming language, when surrounded by body text, for example, SELECT and INCLUDE.</td>
</tr>
<tr>
<td>Example text</td>
<td>Screen output. This includes file and directory names and their paths, messages, source code, names of variables and parameters as well as names of installation, upgrade and database tools.</td>
</tr>
<tr>
<td><strong>EXAMPLE TEXT</strong></td>
<td>Keys on the keyboard, for example, function keys (such as F2) or the ENTER key.</td>
</tr>
<tr>
<td><em>Example text</em></td>
<td>Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.</td>
</tr>
<tr>
<td>&lt;Example text&gt;</td>
<td>Variable user entry. Pointed brackets indicate that you replace these words and characters with appropriate entries.</td>
</tr>
</tbody>
</table>
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Quick Guide for Implementing the SAP Manufacturing Execution for Discrete Manufacturing Rapid Deployment Solution V3.61

Purpose
This quick guide provides step by step information you need to implement the complete solution package using SAP Best Practices solution builder.
Before proceeding with this document you must have completed the following activities:
- Defined the scope relevant for your project
- Finalized technical prerequisites
- Staffed and made available the required resources

This document does not provide a general overview and explanation of SAP Best Practices. For more information about the Best Practices concepts, see the related documentation on http://service.sap.com/solutionpackages and follow the links to the Learning Maps.

This document is intended for the following project roles, which already have a sound knowledge of SAP Best Practices, including tools and documentation.
- System administrators and basis consultants: System set up and preparation including troubleshooting
- Activation/implementation consultants (basis or application consultants): Activation/implementation of business content and processes
- Business consultants: Evaluate business content/processes including troubleshooting, FAQ and further information for extended usage of the package

💡 If you are not familiar with the SAP Best Practices tools, first refer to the document SAP Best Practices Tools
1 Solution Overview

SAP Manufacturing Execution for Discrete Manufacturing Rapid Deployment Solution V3.61

- Is based on SAP Manufacturing Execution 6.1, SAP Manufacturing Intelligence and Integration 14.0 and SAP Plant Connectivity 2.3 (optional).
- Provides an accelerated deployment of the required configuration settings
- Provides
  - Work In Process Tracking
    User-friendly work list of scheduled manufacturing orders and order details to provide an overview, and ease order selection and work in process tracking.
  - Material Identification
    Automated, handheld, and barcode-supported material identification with completeness and correctness checking.
  - Work Instructions
    Work instructions integrate manufacturing enterprise, operations, and device data to provide comprehensive task and process control, as well as documentation.
  - Quality Control
    Convenient application for shop-floor quality control to support efficient result recording and usage decision processing.
  - Production Confirmation
    A straightforward application for production confirmation of manufacturing orders.
  - Component Traceability and Inventory Management
    Tracking of relevant component details such as the recording of component serial numbers and vendor lot information. The transfer of component inventory from ERP to ME for component consumption and inventory managed as well on the shop floor including component scrap and returns.
  - Monitoring and Logging
    Automatic recording and logging of all relevant activities in manufacturing execution with SAP Manufacturing Execution activities to support error detection and root-cause analysis.
  - Manufacturing Performance
    Comprehensive reporting and key performance indicator (KPI) tracking to support timely problem detection and efficient root-cause analysis.

For an overview of the rapid-deployment solution, refer to the Solution Details Presentation in the step-by-step guide (phase Start: Prepare Project).
2 System Setup & Preparation

Prior to installing and activating an SAP Best Practices package (SAP BP package), the target SAP Application Server (AS) must be installed together with the Support Package Stack (SPS) specified in this section.

Additionally, the SAP Notes named in the SAP Notes and Messages section in this guide must be implemented.

2.1 Getting Started

The document Master Guide SAP ME 6.1 defines the overall installation process, the system requirements, the sequence of component installation, and relevant SAP Notes. This document should be thoroughly read prior to performing any installation tasks.


It is imperative that the system landscape recommendations be followed. See the following SAP Note 1409811 (as specified in the SAP ME 6.1 Master Guide).

⚠️ Note that the setup of the system landscape is not part of the rapid-deployment solution delivery scope.

The customer will need to provide the system landscape, that is, install the required software components, to enable the project team to implement and configure the scope of the rapid-deployment solution. During this phase, SAP provides advice on aspects of the system landscape and the components required.

2.2 Release and Support Package Level

The deliverables of SAP Best Practices packages were developed and tested in a system landscape with specific release and support package (SPS) level. If the SPS level in your system is different, there may be errors during the activation. You may be able to perform the activation activities manually using the configuration guides, but errors may still occur.

⚠️ Make sure that your system meets the minimum SPS level requirements. In case your system has an exceptional SPS level compared to the SAP Best Practices requirements, only limited support can be provided.

If you need a higher SPS level in your system, for example, because of additional functionality, first import and activate the SAP Best Practices package on the SPS levels as mentioned below, then update your system to the target SPS level.

The support package levels relevant for the solution package are listed together with the required components in the Required Product Versions and Software Components section.

Receiving the Software at the Correct SP Level

For delivery of the software, an installation number and a corresponding license agreement are required. An S-USER is required to order software in the Software Catalog or download from the SAP Software Download Center (SWDC) on SAP Service Marketplace (SMP). You can only order unrestricted SAP software. Contact the SAP contract department to ask for a physical shipment or create a customer message on component XX-SER-GEN-CONTR.

For downloading SPSs, use the Maintenance Optimizer in your SAP Solution Manager system. You can also select relevant SPSs manually one-by-one via the SWDC on SAP Service Marketplace:

2.3 Required Product Versions and Software Components

The table lists all software required to implement and run the solution:

<table>
<thead>
<tr>
<th>Product</th>
<th>Product Version</th>
<th>Component</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAP Solution Manager</td>
<td>EHP 1 for SAP Solution Manager 7.0</td>
<td>Not relevant</td>
<td>The Software Tool Implementation Content (ST-ICO) has to be patch level 32. The ST-ICO content can be downloaded from the Service Market Place (SMP). <a href="http://service.sap.com/swdc">http://service.sap.com/swdc</a></td>
</tr>
<tr>
<td>SAP NetWeaver for ME 6.1 and MII 14.0</td>
<td>7.30, SP07/7.31 SP08</td>
<td>Java stack</td>
<td></td>
</tr>
<tr>
<td>SAP ERP</td>
<td>SAP ECC 6.0, EHP 5 or higher</td>
<td>Enterprise Central Component</td>
<td>Tested within this RDS: SAP ECC 6.0, EHP 6, SP08</td>
</tr>
<tr>
<td>SAP MII</td>
<td>14.0, SP03</td>
<td>SAPMEINT, SP03; SAPMEINTCTC; SP03;</td>
<td></td>
</tr>
<tr>
<td>SAP ME</td>
<td>6.1.3</td>
<td>Not relevant</td>
<td></td>
</tr>
<tr>
<td>SAP Plant Connectivity (PCo)</td>
<td>2.3, SP03</td>
<td>Not relevant</td>
<td></td>
</tr>
<tr>
<td>Kepware Server</td>
<td>KepServerEX5 v5.11</td>
<td>Not relevant</td>
<td>The freeware version of the server can be downloaded at <a href="http://www.kepware.com">www.kepware.com</a></td>
</tr>
</tbody>
</table>

Usually, required software components and SPS levels are downloaded using the Maintenance Optimizer in SAP Solution Manager. Alternatively, you can download the software manually from the SAP Software Download Center (SWDC) on SAP Service Marketplace:

- For installing software, go to https://service.sap.com/swdc → Installations and Upgrades → Entry by Application Group → SAP Application Components
- For support packages, go to https://service.sap.com/swdc → Support Packages and Patches → Entry by Application Group → SAP Application Components

For detailed information on SPS definition for the SRs of SAP ERP, see SAP Note 774615 Support Package levels of ERP/ECC installations/upgrades.
2.3.1 SAP NetWeaver 7.3 SP07 or 7.31 SP08

SAP Manufacturing Execution 6.1.1 requires the installation of SAP NetWeaver 7.3 SP07 or 7.31 SP04 prior to the installation of SAP ME. For more information, see the Master Guide for SAP NetWeaver 7.3 on the SAP Service Marketplace at http://service.sap.com/instguidesnw.

The integration of with ECC 6.0 requires SAP Manufacturing Integration and Intelligence (SAP MII) 14.0. The SAP MII 14.0 application also requires installation of SAP NetWeaver 7.3 SP7 or 7.31 SP04 and will share the Netweaver instance with SAP Manufacturing Execution 6.1.1.

Ensure that the relevant patch levels have been downloaded and applied.

2.3.2 SAP ERP 6.0, EHP 6, SPS8

1) SAP ERP Core Component 6.0 (SAP ECC 6.0)

You can find detailed information for the SPS definition for the SRs of SAP ERP, in SAP Note 774615 Package levels of ERP/ECC installations/upgrades.

2) SAP Enhancement Package 6, Support Package Stack 08 for SAP ERP 6.0 Application Server ABAP ("SAP ERP 6.06 SPS05 AS ABAP")

SAP Business Partner packages based on SAP ERP 6.0 mainly focus on the set of software components bundled in SAP ECC 6.0. With the goal of ensuring a standardized installation process among baseline and industry SAP BP packages, a complete update of all ABAP software components of enhancement package 6 for SAP ERP 6.0 is required.


As indicated in SAP Note 1064635, SPS levels for SAP ERP are synchronized across all enhancement package versions. Software components or add-ons not modified within an enhancement pack should have the SP level assigned to the concurrent SPS of SAP ECC 6.0.

See also Note 1386389 - SAP BAiO/BP: Stack Information/Explanation for Used Products, which references an overview of all software components and their support package levels combined in the various support package stacks (in XLS format).

2.3.3 SAP Manufacturing Execution 6.1.3

The SAP Manufacturing Execution for Discrete Manufacturing Rapid Deployment Solution requires SAP Manufacturing Execution 6.1 SP03 (also referred to as SAP ME 6.1.3).

To download SAP ME 6.1 SP03, go to https://service.sap.com/swdc, and choose Software Download ➔ Installations and Upgrades ➔ A-Z Index ➔ M ➔ SAP MFG Execution ➔ SAP MFG Execution 6.1 ➔ Installation.

Select and download the SAP Manufacturing Execution 6.1 zip file.

2.3.4 SAP MII 14.0

This SAP Manufacturing Execution for Discrete Manufacturing Rapid Deployment Solution requires SAP MII 14.0 SP03.

To download SAP MII 14.0 SP03, go to https://service.sap.com/swdc, and choose Software Download ➔ Installations and Upgrades ➔ A-Z Index ➔ X ➔ SAP XMII ➔ SAP MII ➔ SAP MII 14.0 ➔ Installation.
Select and download the SAP MII 14.0 zip file.

### 2.4 Receiving the Correct Patch Level for the Software

When you download the relevant patch levels for the software components to be installed, you can select relevant patches manually one-by-one from SAP Software Download Center on SAP Service Marketplace:

**SAP ME**


Select and download the relevant patch levels for SAP ME 6.1 SP03.


Select and download the relevant patch levels for SAP ME 6.1 Legacy SP03.


Select and download the relevant patch levels for SAP ME 6.1 Scripts SP03.


Select and download the relevant patch level for SAPMECTC 6.1. (SP03).


Select and download the relevant patch level for SAPMEINT 6.1. (SP03)


Select and download the relevant patch level for SAPMEINTCTC 6.1. (SP03).

**SAP MII**


Select and download the relevant patch level for both for MII_ADMIN 14.0 and XMII_14.0 components for SP03.
2.5 SAP Frontend Components
The following SAP frontend components must be installed:

SAP GUI FOR WINDOWS 7.30 CORE
Microsoft Internet Explorer 8.0

Ensure that you have installed the latest and appropriate SAP frontend components.
To download SAP frontend components, go to the SAP Software Download Center (SWDC) on SAP Service Marketplace:
https://service.sap.com/swdc → Download → Support Packages and Patches → Browse our Download Catalogue → SAP Frontend Components

2.6 SAP Solution Manager and SAP Solution Manager Content Add-on
For the implementation of the solution package, a SAP Solution Manager system is recommended. SAP Solution Manager in general is needed for installation and managing of maintenance certificates, Enhancement Packages and upgrades. In the context of SAP Rapid-Deployment solutions, implementation content is delivered via SAP Solution Manager templates.
It is assumed that a productive SAP Solution Manager system is available in the customer’s system landscape: if the customer is already using other SAP products (for example, SAP ERP) SAP Solution Manager should already be present in the system landscape.
Import the following content Add-on corresponding to the SAP Solution Manager product version in place:

<table>
<thead>
<tr>
<th>Software Component</th>
<th>Product Version</th>
<th>SP Level</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST</td>
<td>SAP Solution Manager 7.0 Enhancement Package 1</td>
<td>SP18 or higher</td>
<td>In case the SP is below 24, see SAP Note 1579267.</td>
</tr>
<tr>
<td></td>
<td>Or SAP Solution Manager 7.1</td>
<td>SP01 or higher</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Or SAP Solution Manager 7.1 on HANA (ST 712)</td>
<td>SP00 or higher</td>
<td></td>
</tr>
<tr>
<td>ST-RDS 100</td>
<td>Always latest SP level</td>
<td></td>
<td>This add-on contains SAP Solution Manager content. See also SAP Notes 1686668, 1726649.</td>
</tr>
</tbody>
</table>

For more information about SAP Solution Manager (including system administration and implementation aspects described in chapters below), see the SAP Library documentation for SAP Solution Manager at http://help.sap.com → Application
The latest available ST-RDS 100 content support package has to be downloaded from the SAP Software Download Center on SAP Service Marketplace (http://service.sap.com/swdc → Installation and Upgrades → Browse our Download Catalog → SAP Rapid Deployment solutions → SAP Solution Manager Implementation Content → ST-RDS 100).

### 2.7 SAP Best Practices Add-on and SAP Best Practices Solution Builder Add-on

The following SAP Best Practices add-ons must be imported into the system:

<table>
<thead>
<tr>
<th>Software Component</th>
<th>Release</th>
<th>Version</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BP-ERP</td>
<td>606</td>
<td>V8</td>
<td>Use the latest version as outlined in SAP Note 1301301 Release Strategy for SAP Best Practices Package ABAP Add-ons. For more information, see the document Importing SAP Best Practices Add-Ons (ADDONINS.PDF) on the configuration DVD.</td>
</tr>
<tr>
<td>BP-SOLBLD</td>
<td>70</td>
<td>V9</td>
<td>SAP Best Practices solution builder. This add-on contains the SAP Best Practices solution builder program.</td>
</tr>
</tbody>
</table>

You can find additional and detailed information in the document Importing SAP Best Practices Add-Ons (ADDONINS.PDF) on the Configuration DVD (latest available DVD via SAP Note 1240936).

To download the SAP Best Practices add-ons, go to the SAP Software Download Center (SWDC) on SAP Service Marketplace:


#### Regular Updates Technical Environment

The technical add-ons provided by SAP Best Practices form the technical environment required for the automated implementation of your SAP Best Practices version with solution builder. This technical framework is continuously updated providing enhanced, fixed, or additional technical objects required for the technical implementation process. SAP Best Practices therefore offers updated versions of the add-ons on a regular basis. Each updated add-on replaces the previous version in your system. For more information about the currently available versions of the add-on BP-ERP and the add-on BP-SOLBLD, see SAP Note 1301301 (see also section SAP Notes and Messages of this document.)

Since the solution scope file and the most current installation data files always correspond to the current technical add-ons, you always have to ensure the system is at
the current versions before you start the technical implementation of the SAP Best Practices version.
The update of the technical framework has no impact on scope or business content of your SAP Best Practices version as it is described in the respective documentation.

2.8 General Client Settings

After you have set up the required system(s), make the following settings to enable automatic or manual content activation.

- **Client Roles:**
  The system must not comprise any clients with the role productive client. If the system contains a productive client, BC sets cannot be activated as required. As a consequence, the automatic activation of SAP Best Practices content using SAP Best Practices solution builder is not possible, because BC sets cannot be activated in a productive system.
  To check and maintain the settings of clients in your system, use transaction SCC4.

- **Changes and Transport for Client-specific Objects:**
  To activate a SAP Best Practices packages, an automatic recording of changes is required. To ensure that all the changes are automatically recorded in a change request, in the Changes and Transport for Client-specific Objects group box, choose Automatic recording of Changes.

- **Cross-client Object Changes:**
  During the activation of an SAP Best Practices package cross-client objects are created. Cross-client functions include all cross-client customizing objects (for example, factory calendar, definition of price list conditions, printer controls) and all objects of the SAP Repository (for example, reports, module pools, screens, dictionary and so on).
  To enable changes to cross-client objects, in the Cross-Client Object Changes group box, choose Changes to Repository and Cross-client Customizing allowed.
  
  In case you have not allowed changes to Repository and cross-client Customizing, you will be asked during the activation of the package if these settings should be done automatically by solution builder. If you reject the required changes the activation cannot be executed automatically.

2.9 SAP Enterprise Extensions Sets and Business Functions

**Use**

After installing EhP6 for SAP ERP 6.0, you have to check if the following Extension Sets/Business Functions are active before you start activating the SAP Best Practices package content.

⚠️ Activating Enterprise Extensions, Business Functions, and Business Function Sets means permanent changes to your system which may not be undone. For more information about the impacts on your system, see the documentation of the related Extension Set or Business Function.

**Procedure**
1. Run the following activity:

<table>
<thead>
<tr>
<th>IMG Menu</th>
<th>Activate SAP ECC Extensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transaction Code</td>
<td>SFW5</td>
</tr>
</tbody>
</table>

2. On the *Switch Framework: change Business Function Status* screen, select each of the following entries (by selecting the *Planned Status* column) and then choose the *Activate Changes* button:

<table>
<thead>
<tr>
<th>Business Functions</th>
<th>Planned Status</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOG_PP_MES_INT_01</td>
<td>ON</td>
<td></td>
</tr>
<tr>
<td>LOG_PP_MES_INT_02</td>
<td>ON</td>
<td></td>
</tr>
<tr>
<td>LOG_PP_MES_INT_03</td>
<td>ON</td>
<td></td>
</tr>
</tbody>
</table>

3. The system displays an informational dialog box. Choose *Continue*.
4. Choose *Back*.

Please also make sure that the business function for the Master Data Governance Foundation is active.

The switch is named *MDG_FOUNDATION*. Without this switch being active, it is not possible to customize the master data governance settings and to create distribution models.

### 2.10 SAP Notes and Messages

If issues become apparent after shipment of this SAP Best Practices package (and hence of this document), a SAP Note exists to document how to solve the issues.

⚠️ **Before you start the activation of the related SAP Best Practices scope, check the latest version of the SAP Note for the solution package to obtain updates and corrections for problems that have not become apparent until after shipment.**

<table>
<thead>
<tr>
<th>SAP Note #</th>
<th>Description</th>
<th>Component</th>
<th>Area</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>1911668</td>
<td>Updated information for RDS packages in SCM/EWM/MII/TM/PLM</td>
<td>SV-RDS-MAN</td>
<td>General Info</td>
<td></td>
</tr>
<tr>
<td>1936352</td>
<td>SAP ME Rapid-Deployment Solution for Discrete Manuf. V3.61</td>
<td>SV-RDS-MAN</td>
<td>General Info</td>
<td><img src="https://www.sap.com" alt="Always check the SAP Note of the SAP Best Practices package for updates on the implementation" /></td>
</tr>
</tbody>
</table>

Apply all SAP Notes to the system via the **SAP Note Assistant** (transaction SNOTE). All SAP Notes mentioned below must have the implementation status *Completely implemented*. Some SAP Notes require manual action before you set the status to *Completely implemented*. 
To avoid activation errors as a result of generating loads, perform a mass generation using transaction SGEN as described in SAP Note 481548.

The following SAP Notes must be implemented (if not stated otherwise in the SAP Note mentioned above):

<table>
<thead>
<tr>
<th>SAP Note #</th>
<th>Description</th>
<th>Component</th>
<th>Area</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>1301301</td>
<td>Release Strategy for SAP Best Practices Package ABAP Add-ons</td>
<td>SV-SMB-AIO-BP</td>
<td>Activation</td>
<td>SAP Note 1301301 refers to other notes. Always check the referenced notes and follow the instructions.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1777370</td>
<td>Solution Builder (BP-SOLBLD 70V8) Hotfixes 001</td>
<td>SV-SMB-AIO-PFW-SB</td>
<td></td>
<td>Attached to this add-on specific note you can find the corrections for the add-on. Always apply the correction transport for the corresponding add-on.</td>
</tr>
</tbody>
</table>

2.11 Specific Activities

2.11.1 Directory Structure for SAP Manufacturing Execution Work Instructions

To allow SAP Manufacturing Execution to access work instructions that have been stored on the Manufacturing Execution server, a directory must be created. The recommended directory is D:\SAP\SAPME\Documents for Windows servers and /sap/sapme/documents for Unix or Linux servers.

Create and record the work instruction path: ____________________________

The work instruction files will need to be manually stored in this directory. This step is documented in the M15 Configuration Guide.

2.11.2 Directory Structure for SAP Manufacturing Execution Printing

To allow SAP Manufacturing Execution to create printed documents, there are two printing related directories that must be created. One is for the document templates and the other is for
temporary documents. The two recommended directories are `D:\SAP\SAPME\Printing\Templates` for Windows servers and `/sap/sapme/printing/templates` for Unix or Linux servers for the Adobe templates, and `D:\SAP\SAPME\Printing\Temp` for Windows servers and `/sap/sapme/printing/temp` for Unix or Linux servers for the temporary directory.

Create and record the template path: _____________________________________________

Create and record the temporary path: _____________________________________________

These paths will be used in the configuration of SAP Manufacturing Execution in the _System Rule Maintenance_ activity.

### 2.11.3 Installation on NetWeaver Server

**Use**

Use the standard SAP Manufacturing Execution 6.1 installation and security guides to guide you step-by-step through the installation process.

**Procedure**

1. Ensure that the prerequisite software components have been installed, such as SAP NetWeaver 7.3 SP7, SAP MII 14.0 SP00, and the respective database applications (SQL Server or Oracle) for SAP Manufacturing Execution.

2. Using the _SAP Manufacturing Execution 6.1 Installation Guide_, execute Sections 1, 2, and 3 (skipping Section 3.5 on the Statit SPC server and Section 3.6 on SAP ME BOBJ).

3. Execute Sections 4.1 and 4.2.

   **⚠️ Do not select Yes for AppServer for NC Codes for DPMO. Ensure the default setting of No is selected.**

   **⚠️ Do not execute the Executing "SAPMEINT Standard Interfaces" CTC Task in Section 4.3.2. This will be done in the M11 configuration document for the rapid-deployment solution.**

4. Execute Section 5.2 to verify the installation.

   ![Note](image)

   Note the SITE_ADMIN user must exist in the NetWeaver user management engine. This should have been in performed in Section 4.1 under the heading _Creating SITE_ADMIN User_.

5. Follow the _SAP Manufacturing Execution 6.1 Security Guide_ for additional configuration instructions.

   ![Note](image)

   In Section 11, _Configuring Web Services Security_, verify that the web services authentication are configured for "Basic HTTP Authentication" to ensure the SAPMEINT interface operates correctly.

### 2.12 Creating a User for Activation of SAP Best Practices Content

**Use**

In this activity, you create a user to run the activation of the related SAP Best Practices scope.

![Note](image)

We recommend using only one User ID to activate the SAP Best Practices content. Thus you avoid changing ownership during the activation of the solution.

SAP does not supply separate Customizing or setup roles (according to the security guideline). Instead, use the functions provided in _Role Maintenance_ (transaction PFCG). In the _Role
Maintenance, you can define a role corresponding to your individual IMG project with all the authorizations you need to access the IMG activities required for the SAP Best Practices scope. For more information about defining a role for a Customizing project, see the documentation for transaction PFCG.

Alternatively you can use the authorization profile SAP_ALL and remove the profile after activation. If this authorization does not apply to your authorization concept, you should restrict the rights of the user according to your internal authorization guidelines. Without the profile SAP_ALL, issues may occur during the activation which must be solved.

If authorization issues occur during activation you can use transaction SU53 to get information on the missing authorizations and extend the authorization data as necessary.

**Procedure**

1. To carry out the activity, choose one of the following navigation options:

   | SAP Menu | Tools → Administration → User Maintenance → Users |
   | Transaction Code | SU01 |

2. On the User Maintenance: Initial Screen, in the User field, enter the User ID and choose Create.
3. Choose the Address tab.
4. Make the following entries:

   | Field Name | User Action and Values | Note |
   | Last name | <Last name of the user> |
   | First name | <First name of the user> |

5. Choose the Logon Data tab.
6. Make the following entries:

   | Field Name | User Action and Values | Note |
   | Password | <initial password> |
   | User type | Dialog |

7. Choose the Defaults tab.
8. Make the following entries:

   | Field Name | User Action and Values | Note |
   | Logon language | EN |
   | Decimal notation | 1.234.567,89 |
   | Date format | DD.MM.YYYY |
   | Output Device | <your printer name> |

9. Choose the Roles tab and enter the user role you created that contains the necessary authorization profile.

   Alternatively you can assign the profile SAP_ALL on the Profiles tab. Make sure that this profile corresponds to your internal security guidelines.

11. Save your entries.

**Result**

You have created the user to activate SAP Best Practices content.
Repeat the steps above for all systems and clients you use. Make sure that you always create the same user in all systems and clients.

Directly after activation of the SAP Best Practices content, remove the authorizations you have given to the system user that has performed the activation steps. Thus you avoid that the system user misuses the authorizations granted before.

### 2.13 Preparation of Logical Components Used in SAP Solution Manager Implementation Project

This solution package is designed for a specific system landscape that is represented by its logical components. By preparing and mapping the logical components to the actual physical systems in the landscape it enables you to configure the systems directly using SAP Solution Manager.

The logical component in SAP Solution Manager is an identifier provided by SAP for the combination of product and product version. When selecting the SAP Solution Manager template later on, the logical component provided by SAP will automatically be mapped with the logical component in the customer system landscape with the same combination of product and product version to set up access from SAP Solution Manager to the correct customer system.

Make the following entries (IT administrators, using transaction SMSY):

<table>
<thead>
<tr>
<th>Logical Component</th>
<th>Product</th>
<th>Product Version</th>
<th>Product Instance</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>e.g. ERP60_EHP6_CENTRAL_APPLICATION</td>
<td>SAP ERP ENHANCE PACKAGE</td>
<td>EHP6 FOR SAP ERP 6.0</td>
<td>Central Applications</td>
<td>SAP ERP ENHANCE PACKAGE [Central Applications]</td>
</tr>
<tr>
<td>e.g. ME61_MANUFACTURING_EXECUTION</td>
<td>SAP Manufacturing Execution</td>
<td>SAP MFG EXECUTION 6.1</td>
<td>SAP ME Core</td>
<td>SAP Manufacturing Execution [SAP ME Core]</td>
</tr>
<tr>
<td>e.g. MII_MII140_SERVER_ON_NW</td>
<td>SAP MII</td>
<td>SAP MII 14.0</td>
<td>Server on SAP NetWeaver</td>
<td>SAP MII [Server on SAP NetWeaver]</td>
</tr>
<tr>
<td>e.g. PCO23_PLANTCONNECTIVITY</td>
<td>SAP PLANT CONNECTIVITY</td>
<td>SAP PLANT CONNECTIVITY 2.3</td>
<td>PLANT CONNECTIVITY</td>
<td>SAP PLANT CONNECTIVITY [PLANT CONNECTIVITY]</td>
</tr>
</tbody>
</table>

### 2.14 Creating Transport Requests for Activation

Use

The activation users created in the preceding section require a workbench and a customizing request for running the activation using SAP Best Practices solution builder.
You can create transport requests during activation. However, if the activation user is not allowed to create own requests, the system administrator must create these requests in advance and they can be assigned during activation.

For manual activation (see section Manual Implementation), the system administrator must also create the transport requests manually.

Creating a Workbench / Customizing Request

1. To carry out the activity, choose one of the following navigation options:

<table>
<thead>
<tr>
<th>SAP Menu</th>
<th>Tools → Administration → User Maintenance → Users</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transaction Code</td>
<td>SE01</td>
</tr>
</tbody>
</table>

2. On the Transport Organizer (Extended View) screen, choose the Transport tab and choose the Create button.

3. In the Create Request dialog window, choose one of the following options:

<table>
<thead>
<tr>
<th>For a Customizing Request</th>
<th>Customizing request</th>
</tr>
</thead>
<tbody>
<tr>
<td>For a Transport Request</td>
<td>Transport request</td>
</tr>
</tbody>
</table>

4. Choose Enter.
5. In the Create Request dialog window, enter a Short Description.
6. Save your entries.

**Result**

You have created a workbench and a customizing request to activate the solution content.

- Repeat the steps above for all systems and clients you use.
- If required assign the requests to the relevant activation users.

2.15 Deselecting Activation Links in BC Sets

We recommend that you turn off the creation of activation links for BC sets. By doing this, you can significantly increase activation speed and avoid errors.

**Procedure**

1. To run the activity, choose the following navigation option:

<table>
<thead>
<tr>
<th>SAP Menu</th>
<th>Tools → Customizing → Business Configuration Sets → Activation of BC Sets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transaction Code</td>
<td>SCPR20</td>
</tr>
</tbody>
</table>

3. Choose Change (Shift + F1).
4. In the Activation section, select the radio button for Do Not Create parameter.
5. Confirm the information message and save your settings.

2.16 Setting the Maximum Work Process Run Time

**Use**

Dynamic switchable profile parameters (indicated by a flag in the check box of the parameter) have to be checked before activation. Therefore, check and adapt the following profile parameters.
For the activation of the SAP Best Practices content, the parameter value for *maximum work process run time* must be increased because there are some processes that must be performed in dialog and that last for more than 10 minutes.

**Procedure**
1. Run the following activity:

   | Transaction Code | RZ11 |

2. On the *Maintain Profile Parameters* screen, make the following entries:

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Description</th>
<th>User Action and Values</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Param. Name</td>
<td>Profile parameter name</td>
<td>rdisp/max_wprun_time</td>
<td></td>
</tr>
</tbody>
</table>

3. Choose *Display*.
4. On the *Display Profile Parameters Attributes* screen, select *Change values*.
5. On the *Change Parameter Value* screen, make the following entries:

<table>
<thead>
<tr>
<th>Parameter Name</th>
<th>Description</th>
<th>New value</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>rdisp/max_wprun_time</td>
<td>Max work process runtime</td>
<td>3600</td>
<td>Check and adapt the value if the value is &lt;3600</td>
</tr>
</tbody>
</table>

6. Save your entries.

**Result**
You have changed the parameter. This change only becomes effective when you log-off and log-on to the system again.

- Switch back to the default value after activating the solution package.
- The change is lost when you restart the server (as all profile parameters). If you had to restart the server, repeat these settings.

**2.17 SAP Scripting**

**Use**
eCATTs are used to automate the activation of the rapid-deployment solution configuration settings. Before activation, allow eCATT processing in the system by setting the profile parameter `sapgui/user_scripting`. The value for *Enable or disable user scripting on the front-end* must be set to *true*.

**Procedure**
1. Run the following activity:

   | Transaction Code | RZ11 |

2. On the *Maintain Profile Parameters* screen, make the following entries:

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Description</th>
<th>User Action and Values</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Param. Name</td>
<td>Profile parameter name</td>
<td>sapgui/user_scripting</td>
<td></td>
</tr>
</tbody>
</table>

3. Choose *Display*.
4. On the *Display Profile Parameters Attributes* screen, select *Change values*.
5. On the *Change Parameter Value* screen, make the following entries:

   | Field Name   | Description               | User Action and Values | Note |

© SAP AG
6. Choose Save.

When you save the change, the window closes and the current value of the parameter changes to TRUE. This change only becomes effective when you log on to the system again.

If the parameter is set in RZ11, you lose the change when you restart the server.

2.18 Setting Default Timeout for HTTP and HTTPS Services

Use
We recommend that you set the following system parameters for both services TIMEOUT and PROCTIMEOUT to 300 seconds or 600 seconds. The default is 60 seconds.

Procedure
1. Run the following activity:

<table>
<thead>
<tr>
<th>Transaction Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>RZ10</td>
</tr>
</tbody>
</table>

2. On the Edit Profiles screen, enter your instance profile.
3. In the Edit Profile box, select the radio button for Extended maintenance and choose Change.
4. On the Maintain Profile screen, make the following entries

<table>
<thead>
<tr>
<th>Parameter Name</th>
<th>Description</th>
<th>New Value</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>icm/server_port_&lt;*&gt;</td>
<td>Standard value for *: 0: http, 1 or 2: https</td>
<td>300 or 600</td>
<td>Set to 300 or 600 (seconds) for TIMEOUT and PROCTIMEOUT</td>
</tr>
<tr>
<td>icm/server_port_0</td>
<td>= http PORT=8000</td>
<td>PROCTIMEOUT=300 TIMEOUT=600</td>
<td>Example</td>
</tr>
<tr>
<td>icm/server_port_2</td>
<td>= https PORT=44300</td>
<td>PROCTIMEOUT=300 TIMEOUT=600</td>
<td>Example</td>
</tr>
</tbody>
</table>

5. Choose Back.
6. Choose Save.
3 Activation of Business Content

The following section describes the activities that are carried out by the consultant activating SAP Best Practices in the system (“activation user”).

Automatic activation of RDS content with the Solution Builder is only possible for ABAP based systems. This means that the MII and ME configuration has to be done manually via the configuration guides because they are Java based. Nevertheless these configuration steps for MII and ME are manual steps inside the solution and have to be run to finish installation. To handle manual steps, please refer to chapter 3.3.10 Manual Interaction and Error Handling During Activation in this quick guide.

3.1 Prerequisites

3.1.1 Initial Check of System Readiness

Ensure that the system administrator has finished all activities as described in section 2 System Setup & Preparation.

You are required to check if your system administrator has applied the correct SPS level as outlined above in section Release and Support Package Level.

Only continue with the following steps if these prerequisites are met.

3.1.2 Activation Language

Make sure that your logon language is always English (and NOT your local language) for all activation activities.

3.1.3 User Settings for Activation

For activation, we recommend using only one user ID to activate SAP Best Practices content. It can be a tedious procedure to change ownership of the activation of the solution.

3.1.3.1 Deactivate Info Dialog Box on Dynpro Size Check

Use

This section is only relevant for SAP internal users.

To prevent the dialog box Sizing conflicts may appear from appearing during activation, you can deactivate the screen size check.
Procedure for GUI Version Below 720
1. Log on with the user in the system.
2. Choose the first button on the right of the standard toolbar (Customize Local Layout) or choose **ALT + F12**.
3. Choose the **Options** menu item.
4. Choose the **SAP Internal node**.
5. Choose the **SAP Internal page**.
6. Deselect the **Enable Dialog Box for Dynpro Size Check** checkbox.
7. Choose **OK**.

Procedure for GUI Version 720 and higher
1. Log on with the user in the system.
2. Choose the first button on the side of the standard toolbar (Customize Local Layout) or choose **ALT + F12**.
3. Choose the **Options** menu item.
4. Choose the **SAP Internal node**.
5. Choose **SAP Internal**.
6. Deselect the **Enable Dialog Box for Screen Size Check** checkbox.
7. Choose **OK**.

3.1.3.2 SAP Software Change Registration (SSCR): Developer Key

Use
You have to register the user ID that you use for activation as developer on SAP Service Marketplace (SAP Software Change Registration, SSCR). You need the SSCR developer key because the user ID carrying out the SAP Best Practices activation creates and changes objects in the customer name range during the activation process. If the activation user is not registered as a developer, the automated SAP Best Practices activation encounters errors.

ecal

The SSCR developer key is a 20 character combination of digits that is queried when a SAP ERP user tries to create or change an object from the customer name range for the first time. The message requesting the developer key appears once for each SAP ERP user; if registration is successful, this SAP ERP user is no longer prompted to enter a developer key. The SSCR developer key is generated from the installation number of the installation in question and the SAP ERP user name. For more information, see SAP Note 86161.

Procedure

3.1.3.3 Unicode Settings

Use
Before each user logs on to the system for the first time, the user’s local GUI must be set to use the Unicode code page.

Procedure
1. From the SAP Logon pad, select your system ID.
2. Choose the Change Item button.
4. On the Encoding dropdown, select Unicode (UTF-16BE).
5. Choose OK.

### 3.1.4 Allow GUI Scripting

**Use**

Perform this activity to enable eCATTs GUI scripts to be executed with your GUI.

**Procedure for GUI Version Below 720**

1. Log on to the system.
2. Choose the first button on the right side of the standard toolbar (Customizing of Local Layout) or choose ALT + F12.
3. Select the Options menu item.
4. Choose the Scripting tab.
5. Select the Enable scripting checkbox.
6. Deselect the checkboxes Notify When a Script Attaches to a Running GUI and Notify When a Script opens a Connection.
7. Choose OK.

**Procedure for GUI 720 and above**

1. Log on to the system.
2. Choose the first button on the right of the standard toolbar (Customize Local Layout) or choose ALT + F12.
3. Choose the Options menu item.
4. Choose the Accessibility & Scripting node.
5. Select the Scripting page.
6. Select the Enable scripting checkbox.
7. Deselect the checkboxes Notify When a Script Attaches to a Running GUI and Notify When a Script Opens a Connection.
8. Choose OK.

**Result**

You are now able to use your GUI to execute eCATTs GUI scripts in the system.

### 3.1.5 Decimal Notation and Date Format Settings

**Use**

Perform this activity to set up the activation user ID.

**Procedure**

1. Run the following activity:

<table>
<thead>
<tr>
<th>SAP Menu</th>
<th>System → User Profile → Own Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transaction Code</td>
<td>SU3</td>
</tr>
</tbody>
</table>

2. Choose the Defaults tab.
3. Set the Decimal Notation according to your country’s default, like 1,234,567,89.
4. Set the *Date Format* according to your country’s default, like DD/MM/YYYY.
5. Enter your printer in the *Output Device* field.
6. Save your settings.
7. Log off from the system.
8. Log on to the system.

⚠️

Logging off and on again is necessary since the changes to the user settings do not take effect until you log on to the system again.

When the complete activation procedure is finished, you may change these values as desired.

**Result**
You have configured the decimal notation and date format according to your country format. You have defined the standard printer.

---

### 3.2 Getting the Business Content for Activation

⚠️

Perform the following steps *Getting the Solution File* and *Getting the Installation Data Files* on the same day. If you download them at different times, you may encounter errors due to mismatching.

#### 3.2.1 Getting the Solution File

**Use**
The *technical structure* for each solution (scenarios, building blocks, and technical objects) of SAP Best Practices is managed by a solution file.

**Procedure**
2. Choose the *Solution files* link and then the link for *SAP Manufacturing Execution 6.1*.
3. Download the following solution scope *zip* file: *SAP Manufacturing Execution 6.1*

#### 3.2.2 Getting the Installation Data Files

**Use**
The *installation settings* (configuration settings and master data) of SAP Best Practices are managed by installation data files.

**Procedure**
2. Choose the *Installation data file sets* link and then the link for *EHP6 for SAP ERP 6.0*
3. Download the following installation data *zip* file: *INST_FILES_ME_XX_BP_ERP606V1.zip*
3.2.3 Getting the SCA Files

Use
The configuration settings for the dashboard of SAP MII are managed by SCA files.

Procedure

1. To download the SCA file for MII implementation, first go to SAP Service Marketplace at http://service.sap.com/swdc.
2. Go to Installations and Upgrades → Browse our Download Catalogue → SAP Rapid Deployment solutions.
4. Choose the SAP RDS MANU EXE DM MII V2.140 link and then the link for #OS independent.
5. Download the solution SCA file to your download basket and store it on your MII installation folder of your MII server.

3.2.4 Creating a Folder for SAP Best Practices Activation

Use
The scoping, personalization, and installation phase of SAP Best Practices solution builder require solution and installation data files in a local directory.

Procedure

1. Create a folder on a server that can be accessed from within the SAP system in which you want to install the SAP solution package. Ensure that the folder fulfills the following criteria:
   - The persons who install the SAP solution package must have the necessary user rights to access this folder.
   - The length of the directory path must not exceed 128 characters.
   - The folder must not be located on the root directory of your local drive (for example, C:\).
2. Extract the files from the .zip files you downloaded in the previous step into the folder you created in step 1. You should have one solution scope file (*.xml) and many variant files (*.TXT).

Result
You can use this folder to store all downloaded data files for solution scope, installation data and import the files into SAP Best Practices solution builder. If your solution package also provides sample content (for example, survey templates), you can also download this sample content in this folder.

3.3 Automated Activation of Processes

⚠️ Make sure that you only have one single SAP GUI session running during the activation of SAP Best Practices. If you run several SAP GUI sessions, some automated installation activities may run into errors.

This section describes how to activate the processes of the solution package using SAP Best Practices solution builder.
3.3.1 Getting Started and Navigation

Use
After successful installation, SAP Best Practices solution builder is started by using the transaction code /SMB/BBI - there is no menu path in the standard SAP menu.

Procedure
1. To start solution builder, use the following transaction:

<table>
<thead>
<tr>
<th>Transaction Name</th>
<th>Solution and Implementation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transaction Code</td>
<td>/n/SMB/BBI</td>
</tr>
</tbody>
</table>

We recommend that you add the transaction for solution builder (/SMB/BBI) to the favorites of your SAP user menu.

2. The Solution Editor screen is displayed, listing all solutions available in the system.

The solution list is empty the first time you enter the Solution Editor (if no other users have uploaded or created solutions in the system).

3.3.2 Maintain Path to Installation Data

Use
The solution file and the installation data define the solution content that is implemented. To simplify the procedure and to avoid confusion with different sets of installation data, we strongly recommend assigning the path of the installation data directory to the solution. This is done in the user settings (because path information is often user-dependent). This is an important step for consultants who have imported multiple solutions in solution builder.

Procedure

2. On the Solution Specific - Installation Data tab, select the installation folder where the installation data files (TXT) have been stored.
   a. When using installation data files that have been uploaded to the solution before (for more information, see Upload the Installation Data), deselect the Allow Activation With External Data checkbox.
   b. When using installation files that have been stored externally on an installation folder, select the Allow Activation With External Data checkbox.

3. Choose OK to confirm the settings.

The user settings are solution-specific. To maintain the user settings for another solution, select this other solution as a Favorite before maintaining the solution-specific user settings.

Result
The path to the installation data directory that is assigned to the solution is now set as default entry for the particular solution.
3.3.3 Import Solution File

Use
In order to install SAP Best Practices content using solution builder, upload the solution file (XML) containing business processes and building blocks into the system.

Procedure
1. On the Solution Builder – solution editor screen, choose the Import Solution File XML (Shift+F1) button.
2. Browse to the location of your XML file (in the folder you created during step Creating a Folder for the SAP Best Practices Activation, see above), select it, and choose Open.

   The uploaded solution is always set as favorite. To set a solution as favorite select a solution and choose the Favorite button.

3.3.4 Set Documentation Path for Solution Builder

Use
By setting the path to SAP documentation in solution builder, the relevant configuration guides automatically appear during activation. This enables you to process manual installation steps.

Procedure
2. Choose the External Documents tab.
3. Make sure the documentation parameter is set accordingly:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
</table>

4. In case the parameter is missing, choose the Display <> Change button.
5. Choose the Insert Row button.
6. Make the following entries as described in the table above.
7. Choose Save.
8. Choose Back.

3.3.5 Upload Installation Data

Use
The purpose of this step is to upload the installation data to SAP Best Practices solution builder.

Prerequisites
The installation data files have been downloaded to the local directory you created in step 3.2.3 Creating a Folder for SAP Best Practices Activation.
The solution file has been uploaded into the system.
For the user who activates this solution, the following user settings must be set:

1. Access the activity using one of the following navigation options:

   | Transaction Code | /n/smb/bbi |

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2. In the Solution Builder - Solution Editor screen choose Goto → User Settings → General tab.

3. Change the following data if needed:

<table>
<thead>
<tr>
<th>Field</th>
<th>Entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check for missing BC Set definitions during BB upload</td>
<td>deselected</td>
</tr>
<tr>
<td>Do not display warning message for non-favorite solutions</td>
<td>deselected</td>
</tr>
<tr>
<td>Check for missing Central Data files during upload</td>
<td>deselected</td>
</tr>
<tr>
<td>Copy Installation Data during solution creation</td>
<td>deselected</td>
</tr>
<tr>
<td>Enable solution activation via BC API</td>
<td>deselected</td>
</tr>
</tbody>
</table>

**Procedure**

1. On the Solution Builder – Solution Editor screen, choose the Upload Installation Data button (Ctrl + F5).
2. In the Upload and Download external file data dialog box, browse to the location of your installation data files, select them, and choose Continue (Enter).

### 3.3.6 Maintain Solution Settings: Select Languages

**Use**
The configuration content (Customizing) of the solution package is provided in several languages. On solution level, you can define which languages will be activated for language-specific Customizing.

In the default settings, all languages supported by the solution package are selected. Reduce the list of languages only in the following cases:

- Only a subset of languages is required for your solution.
- Some languages that are active on solution level have not been installed in your system.

**Procedure**

1. On the Solution Builder – Solution Editor screen select your favorite solution.
2. Choose Change Solution.
3. In the Change Solution dialog box and screen area Released Languages, deselect those languages that are not relevant for your project or that are not installed in the ERP system. **Language EN always has to be active.**

   Use transaction SMLT to identify the installed system languages.

4. Choose Enter.
3.3.7 Personalize the Solution

**Use**
In this step, you check the interfaces and integration points in the back end client. It is essential for the activation of the package that all personalization steps are executed accurately.

- **Warning**: Wrong maintenance of the personalization and integration data may lead to issues during activation and usage of the package.

- **Warning**: Especially the personalization of ME predelivered data is critical. The data are delivered in .xml files. Changes have to be done manually upfront in the delivered .xml files and can lead to loading errors.

**Procedure**

1. **On the Solution Builder – Solution Editor screen, choose the Personalization button (Ctrl+F8).**
   - On the Generic Personalization Composer screen, you can see all activities that can be personalized. These personalization steps are mandatory to handle the backend client integration.
   - **Warning**: The personalization of the information required for configuring the enterprise structure in the back end client is done in the Generic Personalization and not in the function Enterprise Structure Personalization.

2. **Navigate to all activities and double-click the activity to maintain the required data.**
   - A document is attached for each step. These documents describe which data has to be maintained and how to determine the required values in the backend client. To open the document, choose Display documentation.

3. **Make any personalized entries and set the status to document the progress of your personalization activities.**

4. **Save your entries.**
   - **Warning**: You can download the installation data after personalization for your reference to the folder that already contains the complete set of installation data (confirm overwrite in case of a warning message). Otherwise required files that are not covered by the upload and download process will be missing.
   - To download the installation files to a local folder, on the Solution Builder – Solution Editor screen, choose Goto → Installation data → Download. Existing files will be overwritten.

**Result**
You have personalized the solution.
You can get the list of default values and their personalized values. To generate a list containing default and personalized values refer to SAP Note 1421667.

3.3.8 Maintain System Landscape Information for SAP Solution Builder

**Use**
When you activate integrated processes in SAP Best Practices solution builder, access to different systems is required. Therefore, you must maintain RFC connections and assign them to the project. You make these settings in the *System Landscape Maintenance* in solution builder.

- This step is only required if you activate your solution using SAP Best Practices solution builder.
- You only need to maintain system landscape information if you implement a solution that is based on several SAP applications/systems.

For this solution package, the connectivity settings for the following applications have to be maintained:

- ECC
- ME
- MII
- PCo (optional)

### 3.3.8.1 Create a Solution Builder RFC Destination for Integrated SAP Systems

**Use**

In this activity, you set up RFC connections in solution builder to activate your solution in integrated systems SAP ERP

**Procedure**

4. Access the activity using one of the following navigation options:

| Transaction Code | SM59 |

5. Choose *Create* (F8).

6. Enter the following data:

<table>
<thead>
<tr>
<th>Field</th>
<th>Entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFC Destination</td>
<td><code>&lt;system name&gt;CLNT&lt;client&gt;_A</code> (the postfix _A is mandatory), for example: RT1CLNT100_A</td>
</tr>
<tr>
<td>Connection Type</td>
<td>3 (Connection to ABAP System)</td>
</tr>
<tr>
<td>Description</td>
<td>Include the solution name, for example: SAP ME Rapid Deployment Solution</td>
</tr>
</tbody>
</table>

7. Choose *Enter*.

<table>
<thead>
<tr>
<th>Technical Settings</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Load Balancing</td>
<td>No</td>
</tr>
<tr>
<td>Target host</td>
<td><code>&lt;Target host SAP system&gt;</code>, for example, pwdf0421</td>
</tr>
<tr>
<td>System number</td>
<td><code>&lt;System number of SAP system&gt;</code></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Logon/Security</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Trusted Relationship</td>
<td>No</td>
</tr>
<tr>
<td>Status of Secure Protocol</td>
<td>Inactive</td>
</tr>
<tr>
<td>Language</td>
<td><code>&lt;blank&gt;</code></td>
</tr>
<tr>
<td>Client</td>
<td><code>&lt;SAP system client&gt;</code></td>
</tr>
<tr>
<td>User</td>
<td>&lt;Installation user created according to this Quick Guide&gt;</td>
</tr>
<tr>
<td>----------------------</td>
<td>----------------------------------------------------------</td>
</tr>
<tr>
<td>Password</td>
<td>&lt;Enter the password&gt;</td>
</tr>
<tr>
<td>Unicode</td>
<td></td>
</tr>
<tr>
<td>Communication Type</td>
<td></td>
</tr>
<tr>
<td>with target system</td>
<td>Set the <em>Unicode</em> flag if the Unicode Test has been executed successfully. You can perform this test by choosing <em>Unicode Test</em> in the menu area. The RFC destination has to be saved first before the test can be performed. An information message appears (Example of a message: “Target is a Unicode system (character size 2”)).</td>
</tr>
</tbody>
</table>

8. Save your RFC destination.

**Result**

You have successfully created the RFC connection.

You can now test your newly created RFC connection using the *Connection Test* button. You can also test the RFC connection using the menu path *Utilities* → *Test*. Then you can choose *Connection Test* or *Authorization Test*.

- The connection test performs only a technical test (Host, IP Address) of the target system.
- The authorization test performs an invisible logon to the target system using the maintained user and password of the RFC destination.

### 3.3.8.2 Assigning RFC Destinations to Target Systems

**Use**

You have to assign the RFC destinations created in the preceding step to the target systems in the System Landscape Maintenance.

**Procedure**

1. On the *Solution Builder – Solution Editor* screen, choose *Goto* → *System Landscape Maintenance*.
2. In the *System Landscape Maintenance* dialog box, select the *Solution ID* of the solution to be activated.
3. Mark the row with target system ECC if an *ERP* system is required for the solution.
4. Choose *Edit Entry*.
   - Enter the RFC destination for the *ERP* system created in the preceding step.
5. Choose *OK*.

**Result**

You have maintained the system landscape information required to activate configuration content remotely.
3.3.9 Starting Activation

Prerequisites
Ensure that your solution is set as a favorite solution. If several people are involved in the implementation, make sure that you take activation ownership (choose Change Activation Owner). Otherwise, the solution is locked.

Procedure
1. On the Solution Builder – Solution Editor screen, choose Goto → Implementation Assistant button (Ctrl+Shift+F3).
2. Select the top node of the solution, and choose the Activate button.
3. On the Activate solution dialog box, make the following entries:

<table>
<thead>
<tr>
<th>Field Name</th>
<th>User Action and Values</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target Language</td>
<td>EN</td>
<td>You can also use another target language (for example, DE). As a result, selected language-independent fields are filled with target language description texts instead of English texts.</td>
</tr>
<tr>
<td>Supplemental Data</td>
<td>&lt;location of folder with installation data&gt; for example, Z:\SME\files</td>
<td>The folder you have created in step Creating a Folder for SAP Best Practices Activation and assigned in step Maintaining Path to Installation Data.</td>
</tr>
<tr>
<td>Workbench</td>
<td>&lt;workbench request number&gt;</td>
<td>By default, this field and the Workbench Request button are not active because the Create Request checkbox is selected. The system creates the workbench request automatically when the Create Request checkbox is selected. If you want to manually create or select an existing transport, deselect the Create Request checkbox.</td>
</tr>
<tr>
<td>Customizing</td>
<td>&lt;customizing request number&gt;</td>
<td>By default this field and the Customizing Request button are not active because the Create Request checkbox is selected. The system creates the customizing request automatically when the Create Request checkbox is selected. If you want to manually create or select an existing transport, deselect the Create Request checkbox.</td>
</tr>
<tr>
<td>With demo data</td>
<td>Select (default)</td>
<td>If selected, the system executes activation steps that create demo data. If the field is deselected these steps are not executed.</td>
</tr>
<tr>
<td>Skip this screen</td>
<td>Deselect (default)</td>
<td>If selected, the system does not display the Activate solution dialog box when you resume activation after an error or manual activity. If deselected, the Activate solution dialog box will be displayed every time when you resume activation.</td>
</tr>
</tbody>
</table>
**Activation w/o demo data – What does this mean?**

If you want to activate the SAP Best Practices package without demo data, you can
deselect the checkbox to turn off activation of demo data.

After activation is completed, you will then not be able to test the business processes.
The process testing requires the presence of demo data and related configuration
settings.

To test the business processes with customer demo data, you can create your own
demo data. Proceed as follows:

1. Select the business process you want to test.
2. Check the row in the Prerequisites Matrix file for this business process to
determine the required prerequisite building blocks.
3. Go to the solution builder Building Block Builder – Scenario Edit View.
4. Look at the steps which have the check box activated in column De (Demo) for
all building blocks that belong to the business process.
5. Refer to the corresponding configuration guide and create the required
configuration and master data activities manually.

**Errors occurring during activation – Where can I find more information to
solve the issue?**

In case of any issues during activation always check the Error Handling: Installation
Errors during Activation section of this guide.

4. Choose Continue.

**Manual Step Handling**

There are some manual steps that you will need to go through during activation. SAP
Best Practices solution builder displays a procedure dialog box with instructions for
you to follow to walk through the manual steps.

If you use personalized values (for example, company code 9999 instead of default
value company code 1000, or shipping point 8888 instead of default value shipping
point 1000, use the default values in the manual step configuration descriptions and
configuration guides but use your personalized values wherever applicable.

**Running an eCATT in Foreground Mode**

Some activation activities require running an eCATT in foreground mode. Follow
these steps to run the eCATT in the foreground mode:

a. Start transaction SECATT.

b. On the Extended Computer Aided Test Tool: Initial screen, make the following
entries:

<table>
<thead>
<tr>
<th>X</th>
<th>Test Configuration</th>
<th>&lt;YOUR TEST CONFIGURATION&gt;</th>
</tr>
</thead>
</table>

c. Choose Execute.

d. On the Start Options – Test Configuration <YOUR TEST CONFIGURATION>
screen, on the Variants tab, make sure that you have mapped the correct path to
the location of your external variant files.

e. Choose the UI Control tab.

f. In the TCD screen area, in Start Mode for Command TCD, select A Process in
Foreground, Synchronous Local.

g. Choose Execute.

As during implementation, the activation may stop occasionally, requiring for manual input or
troubleshooting.
3.3.10 Manual Interaction and Error Handling During Activation

**Use**

The installation procedures of some building blocks contain manual installation steps and/or require manual confirmation. This section describes how to handle manual steps in SAP Best Practices solution builder.

**Procedure**

If SAP Best Practices solution builder stops because of a manual activity, proceed as follows:

1. When you have set the user parameters in solution builder, the respective configuration guide is automatically opened at the activation start of each building block. Keep this document open until you have finished all relevant activities for this building block. Confirm the information screen.
2. If the respective configuration guide does not open automatically, access the Content Library via the Step-by-step guide → Deploy → Activate Solution → Manual Activation and Configuration → Content Library.
3. Navigate to the corresponding building block and open the configuration guide.
4. Use Ctrl+C to copy the task description of the to the clipboard. Use the Search function (Ctrl+F) to find the corresponding step in the configuration guide.
5. In solution builder, choose the proposed navigation option, for example, Navigate to IMG, and execute the configuration activity manually by following the instruction of the related section in the configuration guide.
6. Choose Back (from the IMG activity or the transaction).
8. Enter a reason (optional) and choose Enter.
9. Proceed with the activation.

**Result**

You have successfully processed a manual activity.

3.3.11 List of Personalized Values (optional)

You can get the list of default values and their personalized values. To generate a list containing default and personalized values refer to SAP note 1421667. This is an optional step and is only possible if you have personalized the solution (see step 3.3.8).

This task is usually done in cooperation with the business consultant who carries out the steps described in section Evaluate Business Content/Scenarios below.

3.3.12 Post-Activation Activities: Deactivate Info Dialog Box on Dynpro Size Check

**Use**
This section is only relevant for SAP internal users.

For all system users created during the activation you have to deactivate the dialog box *Sizing conflicts may appear.*

**Procedure**

1. Log on with the user in the system.
2. Choose the first button from the right side of the standard tool bar *Customizing of Local Layout* or type `ALT + F12`.
3. From the menu, select *Options*.
4. Choose the *Options* tab.
5. De-select the *Enable dialog box for dynpro size check* checkbox.
6. Choose *OK.*
3.4 Manual Implementation

The pre-configuration of the solution can also be implemented manually by following the configuration guides according to the sequence of the Prerequisites Matrix. The Prerequisites Matrix gives an overview of the configuration building blocks and related configuration guides, required for each business process and the correct sequence for implementing the building blocks.

The Prerequisites Matrix can be found via the Content Library → Prerequisites Matrix.

We recommend using SAP Solution Manager to control the manual implementation as well as to document your implementation of the solution package.

For more information on the manual activation of eCATTs and BC sets, see the document SAP Best Practices Tools, in the step-by-step guide, phase Deploy: Activate Solution, accelerator Automated Activation.

Prerequisites

Before you can start activating the business processes manually, the following activities must be completed:

- The system landscape has been set up according to section Required Product Versions and Software Components in this guide.
- The current SAP Best Practices content add-on has been installed. This is necessary because the add-on contains the package specific authorization roles that you need to run the business processes.
- The general system settings have been made. For more information, see section General Client Settings in this guide.
- An activation user has been created and set up for activation. For more information, see section Creating a User for Activation of SAP Best Practices Content in this guide.
4 Error Handling: Installation Errors during Activation

This section helps you to solve problems that might occur during the installation process.

⚠️ Before you start with detailed error analyzing and working through the error processing as described below, proceed as follows:

Activate your solution or the respective scenario in the SAP Best Practices solution builder implementation assistant again. It might be the case that the error does not reappear. In this case, no correctional activities are needed and the installation is proceeding.

4.1 Error Occurs During Activation of Automated Task

Use

When an activation of an automated task runs into errors, the activation stops at the point of the error. You cannot proceed with the implementation until the error is resolved.

Procedure

1. On the Implementation Assistant – Solution View screen, select a task that has a red light in the Current status column.

2. Expand the task and choose the log that is assigned to this task. Detailed information about the error is displayed in the Error List pane.

3. In the Error List pane choose Display Detailed Log. The detailed log information about an eCATT or BC set activation is displayed.

4. In the log information, check the entries with a red light to identify the reason for the error.
   - In case the error can be solved based on the log information, you can run the eCATT or BC set again.
   
   In case the activation fails because of locked objects, make sure that no objects are locked by any users. Then try to activate the activity again.

   See the document SAP Best Practices Tools for details about the manual activation of eCATTs and BC sets. The document can be found in the step-by-step guide, Deploy: Activate Solution, accelerator Automated Activation.

   - In case the log information is not sufficient to solve the problem you can proceed as follows:
     a. Execute the task manually: Use the description of the related section in the configuration guide for executing the task.
     or
     b. Open a customer message for this problem specifying the component <insert specific component for the package>.

⚠️ Do not delete solution builder processes once they have been activated. If you delete processes, the activation history and the respective logs are lost and it is not possible to find possible error reasons with tenable efforts.
In such cases, **no SAP support can be provided.**

5. When you have solved the problem (either executed the task manually or a solution has been provided via a customer message), choose the *Change* button that is displayed in the *Old Status* column to the right of the task.

⚠️ **Do not** proceed with installation if the problem has not been solved. If you continue without solving the problem, severe errors might occur in the subsequent installation steps that cause incalculable efforts to fix.

In such cases, **no SAP support can be provided.**

6. Choose the *Change* button that is displayed in the *Old Status* column to the right of the task.

7. On the *Confirmation* dialog box, choose *OK* to manually change the status to successful.

8. On the *Information* dialog box, enter a reason for changing the status.

9. Choose *Continue*.

💡 The information is saved in a log. To view details for a changed task, choose the red light in the Original Status column for that task. A dialog box displays the user who performed the change, the date of the change, and the reason for the change. Choose Continue to close the dialog box.

10. Choose *Activate* to continue with the installation.

### 4.1.1 Description of Manual Steps in Installation Process

In SAP Best Practices solution builder, SAP documented all the manual installation steps that are necessary during the installation process of a specific building block. These descriptions are directly attached to the installation activity in the SAP Best Practices solution builder processes in the system. However, if a description should be missing in solution builder, you can refer to the description in the configuration guide of the respective building block.

⚠️ If you use PERSONALIZED values (for example company code 9999 instead of the default value company code 1000 or shipping point 8888 instead of default value shipping point 1000 and so on), do **NOT** use the DEFAULT values in the manual step configuration descriptions and configuration guides, respectively, but use your personalized values wherever applicable.
5 Evaluate Business Content/Processes

The following sections describe the activities that have to be done by the business consultant who is taking care that the business processes work as desired.

- The section Review of Business Processes provides an overview where the business consultant can get information on the SAP Best Practices scenarios activated in the system.
- The section on Usage of Personalized Values explains how to proceed if the SAP Best Practices activation was done using personalized data files, and you want to use the process documentation reflecting the personalized values. This section can be ignored if the SAP Best Practices activation was performed using default values.
- The section User Maintenance and Settings outlines the activities that the business consultant has to perform to enable system users to exploit the business process documentation. It describes the required user settings.
- The section Creation of Queries in Personal Object Worklists (POWLs) refers to information that is needed when you work with SAP NetWeaver Business Client (SAP NWBC). In several business process documents, it is required that you create queries. In such cases, refer to the description as outlined below.
- The section Errors during Usage of Activated Package lists errors that users might face in the system when applying the business process documentation. The information provided helps to solve such errors.
- The section Errors with SAP NetWeaver Business Client (SAP NWBC) describes possible errors that only occur when using SAP NWBC.

5.1 Review of Business Processes

You can find details of individual scenarios in the documentation package in the section Business Info → Preconfigured Processes or in the Step by Step Guide, Deploy: Activate Solution, accelerator Business Process Documentation.

On the Business Process Documentation page, you can access the individual business process descriptions containing the following links:

- The business process documentation (BPD) provides a detailed process step description of the business scenario.
- The configuration guide describes crucial parts of the system configuration of the respective process. Together with the configuration guides of the underlying building blocks, you can track which system settings have been configured. Due to the technical concept, not all scenarios have configuration applied on a top level. For such scenarios, the necessary configuration is described in the configuration guides of the underlying building blocks. For more information on the building block concept, see the Building Block Concept in section Intro → Concepts in the documentation package or in the Step-by-Step Guide, Deploy: Train Key Users, accelerator Content Library. You can use the documents as described above to review the business processes you are interested in. Use the business process documentation (BPD) to evaluate the process in the system.

5.2 List of Default Values and Personalized Values

You can ignore this section if you have performed the SAP Best Practices activation using default values.
To generate a list containing default and personalized values refer to SAP Note 1421667. On details how to proceed, see the instructions above in section *Automated Activation of Processes* → *List of Personalized Values*. This is a task that the business consultant usually performs together with the consultant who carries out the SAP Best Practices activation.

### 5.3 User Maintenance and Settings

#### 5.3.1 Activate SAP GUI Option: Show Keys With Dropdown Lists

All system users must adapt their local SAP GUI options in order to have the key information displayed in the SAP GUI dropdown lists.

**Use**

This section describes how system users can adapt their local SAP GUI settings to have the keys shown in SAP GUI. This is necessary to avoid ambiguities and errors when you select values using the input help in SAP GUI.

**Procedure**

1. In the SAP GUI screen, choose the button *Customize Local Layout* (Alt + F12).
2. Choose *Options*.
3. In the *SAP GUI Options – CSR* screen choose *Interaction Design* and then *Visualization & Interaction* in the left navigation pane.
4. In the screen area *Controls* on the right side, activate the checkboxes for the following entries:
   - Show keys with dropdown lists
   - Sort by keys within dropdown lists for most efficient keyboard input
5. Save your entries.

**Result**

You have adapted the local SAP GUI option so that the key information is displayed in the SAP GUI dropdown lists.

#### 5.3.2 Assigning a Role to a User

If you plan to use the SAP NetWeaver Business Client (SAP NWBC) interface, the system users need to have roles assigned in the system as prerequisite for usage of NWBC. If you do not plan to use SAP NWBC, you can skip the activities described in this section.

The SAP Best Practices roles are delivered with the SAP Best Practices add-on and are available in the system once the add-on has been applied. All user roles provide specific user menus for demo or reference purposes. These are only required if you are using the SAP NetWeaver Business Client interface, and are intended for demo or evaluation use. If your company chooses to use these roles more extensively, they should be adjusted according to your company’s system and security policies prior to use in a production environment.

The SAP Best Practices roles (SAP_NBPR* roles) are designed to be used with the SAP NetWeaver Business Client - version 3.0 interface only. They shall not be used with SAP GUI or SAP NetWeaver Business Client - version 1.0 since they are not designed for it.
Use

This section describes how you can assign roles for users.

Procedure

1. Choose one of the following navigation options:

<table>
<thead>
<tr>
<th>Transaction Code</th>
<th>SU01</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAP Menu</td>
<td>Tools → Administration → User Maintenance → Users</td>
</tr>
</tbody>
</table>

2. In the User Maintenance screen, enter the user ID of the user for which a role assignment shall be done.

3. Choose Change.

4. In the Maintain User view, choose the Roles tab.

5. In the Role field, enter the role name. You can use a wildcard to search for a role.

   You can assign several roles to a user at this stage, if necessary.

   Information on which SAP Best Practices roles have to be assigned

Option A:
You assign only the roles needed for a specific scenario. In this case, check the scenario business process documentation guide (BPD) of the respective scenario. The BPDs are provided in the SAP Best Practices documentation package. The necessary roles are listed in the chapter Roles in the Prerequisite section of each BPD. In addition to the roles specific to the scenario, always assign the role Employee (SAP_NBPR_EMPLOYEE_S). The assignment of this role is necessary for basic functionality.

6. Choose Enter, save, and go back to the SAP Easy Access view.

To access business objects or execute SAP transactions, a user requires corresponding authorizations, as business objects or transactions are protected by authorization objects. The authorizations represent instances of generic authorization objects and are defined depending on the activity and responsibilities of the employee. The authorizations are combined in an authorization profile that is associated with a role. The user administrators then assign the corresponding roles using the user master record, so that the user can use the appropriate transactions for his or her tasks.

SAP Best Practices does not deliver an authorization concept, i.e. the SAP Best Practices roles contain authorization objects that may not be maintained completely. However, SAP Best Practices facilitates the definition of authorization profiles by listing the SAP transactions that are necessary to perform all system activities required for the handling of the respective business scenario. Using the profile generator you can automatically create authorization profiles covering selected system transactions. You can check the function list to get an overview of the transactions used in the different SAP Best Practices scenarios.

All authorization profiles will have to be adapted according to the necessary requirements and the authorization concept that has to be realized, respectively. Further information on this topic can be found on the SAP Help Portal at http://help.sap.com: In the search entry field enter the term User and Role Administration of AS ABAP as search term and confirm your entry. Finally, in the search results select the link to User and Role Administration of AS ABAP.

⚠️

The SAP Best Practices roles are not designed to be used as productive roles. Instead, these roles only serve the purpose to be used as demo roles that enable system users to make use of the SAP NetWeaver Business Client interface to try out
the predefined business processes delivered by the SAP Best Practices Baseline package.

For productive use, never use the roles delivered directly; instead, copy them and adjust them as necessary. In addition, an authorization concept has to be defined and implemented accordingly.

**Result**
The roles are now assigned to the user. These roles are referred to in the business process documentation (BPDs) provided in SAP Best Practices.

### 5.3.3 Mandatory User Parameter

**Procedure**

1. Run the following activity:

<table>
<thead>
<tr>
<th>SAP Menu</th>
<th>System → User Profile → Own Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transaction Code</td>
<td>SU3</td>
</tr>
</tbody>
</table>

2. Choose the **Parameters** tab.

3. On the **Maintain User Profile** screen, make the following entries.

<table>
<thead>
<tr>
<th>Parameter-ID</th>
<th>Parameter Value</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>NDR</td>
<td>X</td>
<td>If you want to create / print messages for material documents (output types WAxx, WExx, WFxx) you have to maintain the following parameter in the user settings. Print via output control in MM - Inventory management.</td>
</tr>
</tbody>
</table>
   | CAC          | 1000           | **Controlling area**

   If you use personalized values (for example, controlling area 9999 instead of the default value 1000) enter your personalized value instead of the value 1000.

4. Make sure to use capital letters only.

4. Save your settings.

### 5.3.4 Optional User Parameter

A field can be filled with proposed values from SAP memory using a parameter ID stored in the user parameters. Depending on the user requirements default values for a field for the parameter can be specified. If you specify a value for the parameter, this value is always defaulted when the user displays the field.

- You can skip this step if you do not want to use any predefined user specific parameter values.
- You can use copy and paste functionality not to enter each parameter and parameter value individually.

**Procedure**

1. Run the following activity:

   | SAP Menu                      | System → User Profile → Own Data |
2. Choose the Parameters tab.

3. On the Maintain User Profile screen, you can make the following entries:

<table>
<thead>
<tr>
<th>Parameter-ID</th>
<th>Parameter Value</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAF</td>
<td>YPP2</td>
<td>Parameters, order type, production orders</td>
</tr>
<tr>
<td>AAT</td>
<td>SD Customer Order</td>
<td></td>
</tr>
<tr>
<td>AFT</td>
<td>SD Inquiry</td>
<td></td>
</tr>
<tr>
<td>AGT</td>
<td>SD Quotation</td>
<td></td>
</tr>
<tr>
<td>BUK</td>
<td>1000</td>
<td>Company code</td>
</tr>
<tr>
<td>CY-</td>
<td>X</td>
<td>Capacity eval.: Scenarios with production order 'X'=on</td>
</tr>
<tr>
<td>CYX</td>
<td>YBLTP01</td>
<td>Cap.plan.prof.(TCY06) long-term planning</td>
</tr>
<tr>
<td>CORUPROF</td>
<td></td>
<td>Confirmation Profile, will be set in each Business Process Documentation</td>
</tr>
<tr>
<td>CSA</td>
<td>PP01</td>
<td>BOM application</td>
</tr>
<tr>
<td>EKG</td>
<td>001</td>
<td>Purchasing group</td>
</tr>
<tr>
<td>EKO</td>
<td>1000</td>
<td>Purchasing organization</td>
</tr>
<tr>
<td>F4METHOD</td>
<td>ActiveX</td>
<td>ActiveX/NoActiveX</td>
</tr>
<tr>
<td>KAR</td>
<td>001</td>
<td>Class type</td>
</tr>
<tr>
<td>LAG</td>
<td>0001</td>
<td>Storage location</td>
</tr>
<tr>
<td>LE_SHP_DEL_MON_LISTT</td>
<td>HC</td>
<td>Delivery Monitor: List Type</td>
</tr>
<tr>
<td>PIN</td>
<td>1</td>
<td>PP: Profile/Default Values</td>
</tr>
<tr>
<td>QAE</td>
<td>X</td>
<td>Automatic close on entering</td>
</tr>
<tr>
<td>QAP</td>
<td></td>
<td>Work center for inspection processing</td>
</tr>
<tr>
<td>QAS</td>
<td>X</td>
<td>Automatic close when saving</td>
</tr>
<tr>
<td>QCHARTTYPE</td>
<td></td>
<td>Graphic Type when Calling Inspection Results</td>
</tr>
<tr>
<td>QDOCUON</td>
<td></td>
<td>Documentation indicator on/off</td>
</tr>
<tr>
<td>QEE_TEXT_CLOSE</td>
<td>99</td>
<td>Results Recording: Text Color of Completed Item</td>
</tr>
<tr>
<td>QEE_TEXT_OPEN</td>
<td>99</td>
<td>Results Recording: Text Color of Open Item</td>
</tr>
<tr>
<td>QER</td>
<td></td>
<td>Recording view in results recording</td>
</tr>
<tr>
<td>QERF_SOF</td>
<td></td>
<td>Start Results Recording Using Automatic Selection</td>
</tr>
<tr>
<td>QERSMAL</td>
<td>X</td>
<td>Limiting Options in the Recording View</td>
</tr>
<tr>
<td>QESEL_MAN</td>
<td></td>
<td>Expand Worklist Manually</td>
</tr>
<tr>
<td>QEXTTREE</td>
<td>224</td>
<td>Expansion of the Docking Tree in QM Results Recording</td>
</tr>
<tr>
<td>QF1</td>
<td></td>
<td>Defects recording: Report type modifiable</td>
</tr>
<tr>
<td>QFA</td>
<td></td>
<td>Entry screen for active defect class</td>
</tr>
<tr>
<td>Parameter-ID</td>
<td>Parameter Value</td>
<td>Note</td>
</tr>
<tr>
<td>--------------------</td>
<td>----------------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>QFE</td>
<td>Y0000010</td>
<td>Defects recording: Specs. for report type</td>
</tr>
<tr>
<td>QFM</td>
<td></td>
<td>Defects Recording: Automatic Popup for Multiple Selection</td>
</tr>
<tr>
<td>QGRAFIKON</td>
<td></td>
<td>Graphic On/From</td>
</tr>
<tr>
<td>QMO</td>
<td>1</td>
<td>Processing mode for inspection characteristics</td>
</tr>
<tr>
<td>QPR</td>
<td></td>
<td>Name of the inspector</td>
</tr>
<tr>
<td>SCL</td>
<td>X</td>
<td>Upper and lower case in source code: 'X' = lower, ' ' = upper</td>
</tr>
<tr>
<td>SD_SWU_ACTIVE</td>
<td>X</td>
<td>Activate Workflow Box in VA02 &amp; VA03</td>
</tr>
<tr>
<td>SPA</td>
<td>10</td>
<td>DIVISION</td>
</tr>
<tr>
<td>SP01_WARN</td>
<td>000000500</td>
<td>Threshold Value for Number of Lines in Display</td>
</tr>
<tr>
<td>VKO</td>
<td>1000</td>
<td>Sales organization</td>
</tr>
<tr>
<td>VST</td>
<td>1000</td>
<td>Shipping point</td>
</tr>
<tr>
<td>VTW</td>
<td>10</td>
<td>Distribution channel</td>
</tr>
<tr>
<td>WLC</td>
<td>X X XX X</td>
<td>Workflow: User-specific settings</td>
</tr>
<tr>
<td>WRK</td>
<td>1000</td>
<td>Plant</td>
</tr>
</tbody>
</table>

⚠️ Make sure to use capital letters only.

⚠️ If you use **personalized** values (for example, company code 9999 instead of the default value company code 1000 or shipping point 8888 instead of default value shipping point 1000), do **not** enter the **default** values as listed in the above table, but **use your personalized values** wherever applicable.

4. Save your settings.

## 6 Installing Visual Enterprise Viewer

The section provides instructions and the link in Service Market place to the SAP Visual Enterprise Viewer. This viewer is required to be installed on every local machine that will be used during the execution of ME-S201 material in the example structure.

### 6.1 Download and Installation process.

Log into SAP service market place or use this link to access the free download.

[http://service.sap.com/support](http://service.sap.com/support)

1. Select **Software Downloads → Installations and Upgrades → A - Z Index → Installations and upgrades.**

Here you will find all the information and downloadable software required to install VE viewer on the appropriate hardware.

Alternatively, it is also possible to access and download VE viewer without access to SMP via a SAP note 1797191- Where to download Visual Enterprise without using Service Marketplace.

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

7.1 General Security Guidelines
This section provides an overview of security guides delivered by the solution. These guides cover generic security aspects for the underlying software products.
To access the latest version of the security guide, log on to SAP Service Marketplace (http://www.service.sap.com).
2. Store the file to a local directory.

7.2 User Administration and Authentication
This section provides an overview of the users required for this solution package.

<table>
<thead>
<tr>
<th>Purpose</th>
<th>User ID</th>
<th>User Type</th>
<th>Building Block Config. Guide</th>
<th>Initial Password</th>
<th>Authorization Profile</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activation User</td>
<td>User ID is defined by your system administrator</td>
<td>Dialog (Type A)</td>
<td>Creation described in Quick Guide</td>
<td>Password is defined by your system administrator</td>
<td>Authorization is defined by your system administrator</td>
<td>For more details, see section above: Creating User for Activation of SAP Best Practices Content</td>
</tr>
<tr>
<td>Implementation user in SAP MII</td>
<td>User ID is defined by your system administrator</td>
<td>Creation described in Quick Guide</td>
<td>Password is defined by your system administrator</td>
<td>Authorization is defined by your system administrator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Implementation User in SAP ME</td>
<td>User ID is defined by your system administrator</td>
<td>Creation described in Quick Guide</td>
<td>Password is defined by your system administrator</td>
<td>Authorization is defined by your system administrator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Configuration in SAP ME</td>
<td>SITE_ADMIN</td>
<td>Creation described in Quick Guide</td>
<td>Password is defined by your system administrator</td>
<td>Authorization is defined by your system administrator</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
You can check the users in transaction SU01.
### 7.3 RFC Destinations

This section gives an overview of the RFC destinations required that have been created and used for this package.

<table>
<thead>
<tr>
<th>RFC Destination</th>
<th>Description</th>
<th>Connection Type</th>
<th>Created In Building Block</th>
<th>Logon Data</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>MII_MERDS</td>
<td>Connection to SAP ME</td>
<td>T</td>
<td>M11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADS</td>
<td>Adobe Document Server</td>
<td>Prerequisite</td>
<td>ADSuser/&lt;password&gt;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

You can check the RFC destinations using transaction SM59.