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English

Quick Guide to SAP ERP for Manufacturing rapid- deployment solution for US DEMO/Evaluation Appliance

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Icons

Icon	Meaning
	Caution
	Example
	Note
	Recommendation
	Syntax

Typographic Conventions

Type Style	Description
<i>Example text</i>	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.
Example text	Emphasized words or phrases in body text, titles of graphics and tables.
EXAMPLE TEXT	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.
Example text	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.
EXAMPLE TEXT	Keys on the keyboard, for example, function keys (such as F2) or the ENTER key.
Example text	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example text>	Variable user entry. Pointed brackets indicate that you replace these words and characters with appropriate entries.

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Quick Guide to the SAP ERP for Manufacturing rapid-deployment solution for US Demo/Evaluation Appliance

Purpose

This quick guide provides information you need to execute the business processes in your own Demo/Evaluation System. This sandbox system can be used to evaluate the ERP 6.0 experience, based on SAP Best Practices pre-configuration.

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



After completing SAP Basis configuration for the newly deployed DEMO and Evaluation System, you can provide the users mentioned in this document to the project team for business scenario evaluation.

1 Solution Overview

SAP ERP for Manufacturing rapid-deployment solution for US DEMO/Evaluation Appliance

- Is based on EhP 6 for SAP ERP 6.0

For an overview of the rapid-deployment solution, refer to the *Solution Details Presentation* in the step-by-step guide (Phase Start: Prepare Project) or access the business process descriptions available in the chapter “Pre-Configured scenarios” in this document, or in the SAP Help Portal, by accessing this [link](#)

2 System Setup & Preparation

2.1 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. When connecting other systems to this image, check the required product versions to this Rapid Deployment Solution below.

2.2 Required Product Versions and Software Components

EhP 6 for SAP ERP 6.0



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

2.2.1 Selection of Software components included in this image:

COMPONENT	RELEASE	SUPPORT PACKAGE
BI_CONT	746	2
BP-CANW	731V1	0
BP-ERP	606V1	0
BP-SOLBLD	70V6	0
PI_BASIS	731	3
SAP_ABA	731	3
SAP_AP	700	27
SAP_APPL	606	3
SAP_BASIS	731	3
SAP_BW	731	3
SAP_HR	604	47
SEM-BW	736	3
WEBCUIF	731	3

PPMS Object Key – 01200314690900002457

Product Documentation Link: <http://www.sap.com/solutions/rapid-deployment/erp-manufacturing/index.epx>

2.2.1.1 Content:

[BEST Practices Add-On = PV]: BP-ERP 606V1; BP-SOLBLD 70V6

[Main Component = PV]: SAP ERP 6.0, enhancement package 6

[Stack-no. of Main Component]: Support package stack 03

[Localized Country]: USA

[Language]: EN

2.3 SAP Frontend Components

To access your evaluation system, you must either install the following SAP frontend components on your local PC or use the NWBC HTML version access described in [SAP Note 1620576](#)

For details on SAP NetWeaver Business Client usage please check [SAP Note 900000](#).

To download SAP frontend components, go to the SAP Software Download Center (SWDC) on SAP Service Marketplace:

<https://service.sap.com/swdc>

Software Download → Support Packages and Patches → Browse Our Download Catalog
→ SAP Frontend Components



For example:

Select Download → NETWEAVER BUSINESS CLIENT → NWBC NW BUSINESS CLIENT 4.0



SAP NWBC 3.0 or higher is the mandatory user interface connected to SAP Best Practices for ERP 6.06.

2.3.1 NetWeaver Business Client System Settings

2.3.1.1 Activate Context Menu Additional Details

To be able to use the specific functions in SAP NetWeaver Business Client, you must activate the context menu *Additional details* for transaction PFCG. For this, maintain the client-independent table SSM_CUST:

Transaction SM30:

- Table/View: ssm_cust
- Button [Maintain]
- Button [New entries]
- Description: ADD_MENU_DETAILS

Value to be set: YES

Save your settings.

2.4 Pre-Configured Clients available:

2.4.1 Client for SAP Best Practices for Manufacturing

The client **120** has been pre-configured with Best Practices Baseline Package for United States V1.606.

The preconfigured scenarios of the SAP Best Practices Baseline package for Manufacturing covers the following key functional areas of SAP Enterprise Resource Planning (ERP):

- Research & Development
- Manufacturing
- Sales
- Materials Management
- Financial Accounting
- Controlling
- Cross Functions
- Analytics

For a complete description of the manufacturing scenarios pre-configured in this system, access the SAP Help Portal using this [link](#):



Choose the corresponding scenario box on the map, depending on the scenarios you are interested in. When you select the box, an information window opens. When you then select the information icon, you directly get to the scenario overview HTML page. On that page, you can access the business process documentation, process overview document, and the configuration guide of the respective scenario.

- The business process documentation (BPD) provides a detailed process step description of the business scenario.
- The scenario overview document comprises of a graphical overview of the scenario process flow.
- The configuration guide describes crucial parts of the system configuration of the respective scenario. 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 about the building block concept, on the documentation package, see the section *Intro* → *Concepts using this* [link](#).



We recommend using the Amazon instance type “High-memory Double Extra Large” for better performance results.

2.5 Specific Activities

2.5.1 Transaction SICK

Use

The purpose of this activity is to check the health of the system.

Executed Already: Yes

To Be Executed (again): Yes

Actions

None

Expected Result

SAP System Check: "no errors reported"

2.5.2 Transaction DB59

Use

Adapt new application server.

Executed Already: Yes

To Be Executed (again): Yes

Actions

1. Click on button "Integration Data"
2. Change Database Server
3. Set Password to the Master Password specified upon starting the solution instance.
4. Go back and perform a connection test.
5. On the next screen, mark the server line and click on "Check selected Servers".

Expected Result

The Application server should have established database connection.

All check results should be successful (green status). In case of a warning or error (red status), please ensure that you have selected the right system and the correct Master Password.

2.5.3 Transaction DB50N

Use

Monitor the availability of the database.

Executed Already: Yes

To Be Executed (again): Yes

Actions

1. Select your SID for "Name of Database Connection"
2. Click on Execute (F8) and select "no" on the pop-up screen.

Expected Result

Successful result - your database is shown.

2.5.4 Transaction SE06

Use

Post Installation Actions for Transport Organizer.

Executed Already: Yes

To Be Executed (again): Yes (because Virtual System was not added)

Actions

1. SAP System Created by Database Copy or Database Migration
2. Perform Post-Installation Actions.
3. Reinstall CTS → Source System [SID]
4. Confirm deletion of all TMS settings

Expected Result

Successful Execution

2.5.5 Transaction SECSTORE

Use

Post Installation Actions for Transport Organizer.

Executed Already: Yes

To Be Executed (again): No

Actions

1. After a system export the following keys must be deleted in transaction SECSTORE, if these keys are marked with a "red light".
2. /HMAC_INDEP/RFC_EXTERNAL_TICKET_4_TRUSTED_SYSTEM
3. /HMAC_INDEP/RFC_INTERNAL_TICKET_4_TRUSTED_SYSTEM

Expected Result

Entries are deleted, if they were red before.

2.5.6 Transaction STMS

Use

Configure Transport Organizer.

Executed Already: Yes

To Be Executed (again): No

Actions

1. Confirm pop-up for single system installation
2. Click in the menu on: Overview → Systems → SAP System → Create → Virtual System → Maintain "CL5" / Virtual system to write requests to OS

3. Mark the entry of your application system ID
4. Then select from the menu SAP System → Check
 - a. Connection Test
 - b. Transport Directory
 - c. Transport Tool

Expected Result

All Transports in System are configured correctly

2.5.7 Transaction RZ10

Use

Import profile parameters.

Executed Already: Yes

To Be Executed (again): Yes

Actions

1. Delete obsolete profiles with all versions.
 - a. Open profile with F4 search all 3 files separately (START_DVEBMGS[instance-number]_[server] / DEFAULT.PFL / [SID]_DVEBMGS[instance-number]_[server]) and perform the following steps
 - b. (menu) Profile > Delete > All versions > Of a profile (click on YES in the first pop up, on NO in the following ones for deletion of database entries)
2. Now click on menu Utilities
 - a. Import Profiles of active servers

Expected Result

Profiles are configured correctly.

2.5.8 Transaction SMLG

Use

Change Logon Group.

Executed Already: No

To Be Executed (again): Yes

Actions

1. Delete old entry and set “Logon Group” for new server to “PUBLIC”.

Expected Result

Table shows entry of own application server with Logon Group “PUBLIC.”

2.5.9 Transaction RZ12

Use

Change Logon Group.

Executed Already: No

To Be Executed (again): Yes

Actions

1. Delete old entry and set “Logon Group” for new server to “parallel_generators”.

Expected Result

Table shows entry of own application server with Logon Group “parallel_generators.”

2.5.10 Transaction STRUSTSSO2

Use

Setting up Single-Sign-On for the system.

Executed Already: No

To Be Executed (again): Yes

Actions

Pre-requisite: Delete obsolete entries and then create new ones (can be done by right-mouse click over corresponding entries to delete or create).

1. Start with SNC SAP Cryptolib
2. System PSE
3. SSL server Standard
4. SSL client (Standard)

Expected Result

Single-Sign-On configured correctly

2.5.11 Transaction RZ04 / RZ03

Use

Maintain Instances / Operation modes

Executed Already: No

To Be Executed (again): Yes

Actions

1. Delete obsolete, create current

Expected Result

Instances / Operation modes maintained correctly

2.5.12 Transaction SM59

Use

ABAP Connection

Executed Already: No

To Be Executed (again): Yes

Actions

1. Set Password to SAP_OCS (for user RFC_OCS) or cpic (for user OSS_RFC)

Expected Result

Target System: CSS

MsgServer: servprod.wdf.sap.corp

Group: PUBLIC

2.5.13 Transaction SGEN

Use

Generate ABAP Resources.

Executed Already: Yes

To Be Executed (again): No

Actions

1. Execute partly or complete to regenerate resources.

Expected Result

SGEN run completed.

3 Evaluate Business Content/Processes

3.1 Review of Business Processes

On the *Business Process Documentation* page, you can access the individual business process descriptions containing the following links to the business process documentation (BPD) provides a detailed process step description of the business scenario. Follow the link to access the business process description available in the SAP Help Portal here

3.1.1 Business Processes

If you plan to use the SAP NetWeaver Business Client (NWBC) interface, the system users need to have roles assigned in the system as prerequisite for usage of NWBC. Check the scenario business process documentation guide (BPD) of the respective scenario. For a complete description of the manufacturing scenarios pre-configured in this system, access the SAP Help Portal using this [link](#)



The SAP Best Practices roles are delivered with the SAP Best Practices Add-on and are available in the system. 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.



Do NOT ASSIGN any other SAP Best Practices roles (SAP_NBPR* roles that are not listed in the table above). Since other roles are not designed to be used with the SAP Best Practices Baseline Package (US), the assignment of those roles results in

corrupted display of user menus in the SAP NetWeaver Business Client interface and wrong double entries.

3.1.2 Master Data

This pre-configured system contains a set of sample master data which allows you to run the described business processes smoothly. Do not change delivered master data in order to be able to reproduce the described scenarios. Follow this link to access the description of the dummy data available:

[Master Data Scope Overview](#)

You can copy and or create master data to fit your business processes. In case you need some guidance to do so, please refer to the business process description of all pre-configured scenarios available in the SAP Service Marketplace using this link:

3.2 User Maintenance and Settings

3.2.1 Mandatory User Parameter

Procedure

1. Run the following activity:

SAP Menu	<i>System → User Profile → Own Data</i>
Transaction Code	SU3

2. Choose the *Parameters* tab.
3. On the *Maintain User Profile* screen, make the following entries.

Parameter-ID	Parameter Value	Note
NDR	X	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
CAC	1000	<i>Controlling area</i> 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.



Make sure to use capital letters only.

4. Save your settings.

For more details on optional settings and Best Practices roles, see the Quick Guide page 49-59 available as an attachment to [SAP Note 1673541 - SAP Best Practices Baseline Package US V1.606](#)

4 Security Aspects

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

4.1 General Security Guidelines

To access the latest version of the security guide, log on to SAP Service Marketplace (<http://www.service.sap.com/erp-inst>) EhP 6 for ERP 6.0 or directly using this [link](#):

4.2 User Administration and Authentication

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

4.2.1 Sample users:

The following sample users have been created in the respective clients in the system. In order to perform the pre-configured business processes you will need to create your own evaluation users and assign them the roles and organizational units according to the business scenario to be evaluated as described in the business process description. For an overview of the roles to be assigned, see the Quick Guide (page 49-59) available as an attachment to [SAP Note 1673541 - SAP Best Practices Baseline Package US V1.606](#)



Notice that you will need to assign new users to the organizational model in order to execute the business processes. In this case refer to the process description for organizational management.

Purpose	User ID	Initial Password	Name	Last Name
Client 000: for system administration tasks	DDIC	Password is defined by your system administrator		
Client 120	DDIC	Password is defined by your system administrator		
Evaluation User in client 120	<User ID is defined by your System-Admin.>	Password is defined by your system administrator	<Defined by your System-Admin>	<Defined by your System-Admin>



You can check the Quick Guide on user creation and sample roles in the [SAP Note 1673541](#) and available using this [link](#).

4.2.2 Connecting to your ERP Solution:



It will take approximately **60** minutes until the solution instance is prepared for the first time use.

Procedure

1. Run the following activity:

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

2. Choose the Create a new entry action.
3. Select the “User specified system “option.
4. On the *System connection parameter* screen, make the following entries.

Parameter-ID	Parameter Value	Note
Connection Type	Custom application server	
Description	<your description>	Create a description for the new system entry to be shown in your SAP Logon overview
Application server:	<IP Address of your instance>	You find the IP address of your instance in the right side of the instance details screen
Instance Number:	00	Default value for SAP Cloud Appliance Library images
System ID:	EH6	

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



Now you can connect to the client specified to your scenario evaluation.