SAP Best Practices

SAP NetWeaver

SAP Business Planning and Consolidation

July 2017

English Only

Quick Guide to Implementing the SAP Extended Financial Planning rapid-deployment solution

Copyright

Icons

Icon	Meaning
⚠	Caution
💬	Example
💡	Note
🧭	Recommendation
SYN	Syntax

Typographic Conventions

Type Style	Description
Example text	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.

Contents

1 Purpose

This quick guide provides an overview of the information you need to start implemention of the package.

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 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 setup 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

2 Solution Overview

The SAP Extended Financial Planning rapid-deployment solution leverages the SAP Business Planning and Consolidation platform, which allows your organization to cover its key planning processes by integrating the three solutions into one environment.

■ **General Ledger (GL) Financial Planning**: model your financial planning by leveraging the SAP General Ledger structure and provide template for Profit Center, Cost Center and Balance Sheet planning

> For more information about this scope item, see the *General Ledger (GL) Financial Planning with SAP Business Planning and Consolidation, version for SAP NetWeaver (A93)* business process documentation.

■ **Strategic Financial Planning**: long range planning and multiple scenarios capabilities (M&A, new product launch, competitor analysis). SFP provides a set of interconnected Financial Statements that are dynamically updated as you do your simulations.

> For more information about this scope item, see *the Strategic Financial Planning with SAP Business Planning and Consolidation, version for SAP NetWeaver (EA1)* business process documentation.

■ **Capital Expenditure Planning**: provide a set of templates and integration methods to plan capital expenditures by Cost Center for a specific project or a discretionary expense. The main Key Performance Indicators such as Net Present Value and Internal Rate of Return are calculated instantly.

> For more information about this scope item, see the *Capital Expenditure Planning with SAP Business Planning and Consolidation, version for SAP NetWeaver (EG1)* business process documentation.

2.1 Input Forms for Scope Items

The solution provides baseline planning input forms for each of the scope items. SAP recommends working on input forms or using reports individually. Only when necessary should multiple inputs forms and reports be opened simultaneously.

⚠

For all input forms, SAP strongly advises using the *Refresh Workbook, Save Workbook Data*, and *Save and Refresh Workbook Data* options. Do not use the default options on the *EPM* menu that are *Refresh* or *Save Data*. Errors results when using the default options.

For more information about input forms, see the business process documentation for each of the scope items.

2.2 Localization and Language Support

This solution is available only in English. All documentation, messages, and text are available only in English. The solution does not natively support other languages.

3 System Setup & Preparation

The SAP Extended Financial Planning rapid-deployment solution requires the installation and configuration of SAP software components before you implement this rapid-deployment solution. For more information about software requirements and the system landscape, see the Software Requirements documentation.

3.1 Software Requirements

This rapid deployment solution is based mainly on a set of software components from SAP.

Required Software:

- SAP Business Planning and Consolidation, version 10.1 Standard for SAP NetWeaver
- SAP EPM add-in for Microsoft® Office

Optional Software:

- SAP HANA® Database Edition for SAP BW - Database option to leverage SAP HANA for optimal performance. SAP HANA is not the required database.

3.2 Release and Support Package Level

The deliverables of SAP rapid-deployment solutions are 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 installation and deployment.

> ⚠️
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> Make sure that your system meets the minimum SPS level requirements. In case your system has an exceptional SPS level compared to the requirements, only LIMITED SUPPORT can be provided.

3.3 SAP Frontend Components

The following SAP frontend components must be installed:

SAP EPM add-in for Microsoft® Office	Version 10.0	Client component	Platform for SAP Business Planning and Consolidation application (design and runtime)

3.4 SAP Notes and Messages

If issues become apparent after shipment of this SAP Best Practices package (and hence of this document), an 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.

SAP Note #	Description	Component	Remark
1975827 Link to Note	SAP Extended Financial Planning rapid-deployment solution	SV-RDS-BPC	⚠️ Always check the SAP Note of the SAP Best Practices package for updates on the implementation

4 Security Aspects

This rapid-deployment solution relies on the existing methodology for security and authentication of the underlying SAP Business Planning and Consolidation application. Integration of the security options in the required components to conform this solution to the end-to-end strategy is part of an overall security methodology for the organization. This section proves generic security aspects for the underlying software products. For more information, refer to the security guides for each software product on the SAP Help Portal.

4.1 SAP Business Planning and Consolidation application security considerations

There are various methods and techniques available to secure information available with the SAP Business Planning and Consolidation application. The techniques range from the database storage itself, authorization, and data transmission to external consumers of the application information. Each individual installation should have a security strategy in place to adhere to requirements and guarantee privacy and stable information provided to the business user.

For outlines of these techniques, see the SAP Business Planning and Consolidation version for SAP NetWeaver Security Guide. The product Security Guide provides an overview of the security-relevant information that applies to the SAP Business Planning and Consolidation version for the applicable software platforms including the solution content.

4.2 Security considerations for the SAP NetWeaver platform

The SAP Business Planning and Consolidation version for SAP NetWeaver security guide includes sections that address:

- User Administration and Authentication

  Provides an overview of user administration and authentication aspects, including both user management and integration into a single sign-on environment. Implementation considerations for user management include user role assignment, privileges, and restrictions. The application uses the same user management and authentication mechanisms provided with the SAP NetWeaver platform, in particular the SAP NetWeaver Application Server ABAP. Therefore, the security recommendations and guidelines for user administration and authentication as described in the SAP NetWeaver Application Server ABAP Security Guide also apply.

  Password policies are included in the security methodology. The SAP NetWeaver platform supports many options for defining and controlling password policies and they are reviewed for adherence to the required password policies for your organization.

- Authorizations
  The application uses the classic authorization concept provided by SAP NetWeaver. Therefore, the recommendations and guidelines for authorizations as described in the SAP NetWeaver Application Server ABAP Security Guide also apply to the application. The SAP NetWeaver authorization concept is based on assigning authorizations to users based on roles.

- Network and Communication Security
  SAP NetWeaver supports communication channel security. The communication channel used by the application adapter for Front-end client using a Web browser to the

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application server uses the protocol HTTP, HTTPS, SSL (REST communication is used). HTTP connections are protected using the Secure Sockets Layer (SSL) protocol. For more information about transport layer security, see the SAP NetWeaver Security Guide.

- Data Storage Security
  Review the SAP HANA Security Guide for data encryption capability as well as considering underlying operating system data encryption to see how it may be integrated into the security requirements specification.

4.3 SAP Extended Financial Planning rapid-deployment solution security considerations

Roles Definition

The SAP Extended Financial Planning rapid-deployment solution is delivered with three generic roles that define access to SAP Business Planning and Consolidation. These roles are:

- SAP Business Planning and Consolidation Administrator
- SAP Business Planning and Consolidation Planner
- SAP Business Planning and Consolidation Analyst

More detail is provided on assignment of specific tasks for each of these roles in the SAP Extended Financial Planning rapid-deployment solution business process documentation, building block references A93, EA1 and EG1.

Secure Dimensions
- In the CAPEX Model the following dimensions are secure as delivered in the solution:
  - COMPANY_CODE
  - COST_CENTER
  - C_AUDIT_TRAIL
  - VERSION
- In the PLANNING model the following dimensions are secure, as delivered in the solution:
  - AUDIT_TRAIL
  - COMPANY_CODE
  - COST_CENTER
  - PROFIT_CENTER
  - VERSION

- In the SFP model the following dimensions are secure, as delivered in the solution:
  - AUDIT_TRAIL
  - BUS_UNIT
  - VERSION
  - SCENARIO
- In the S_OWNERSHIP model the following dimension are secure, as delivered in the solution:
  - BUS_UNIT
  - SCOPE
- In the RATES model the following dimension is secure, as delivered in the solution:
  - TIME

  - o   VERSION
- In the S_RATES model the following dimension is secure, as delivered in the solution:
  - o   VERSION

Each secure dimension is required to be referenced in a Data Access Profile in order for a user to have Read or Read/Write access to that dimension.

More detail is provided on secured dimensions in the SAP Extended Financial Planning rapid-deployment solution business process documentation, building block references A93, EA1 and EG1.

Data Access Profile Notes:

To support planning, the user may need to set up Data Access Profiles with the following considerations:

- Users have write access to the NONE members of each secure dimension. For example, COST_CENTER is a secure dimension but users have to be able to write to member CC_NONE.
- Users have appropriate write access to the correct COST_CENTER, PROFIT_CENTER and COMPANY_CODE combinations since these three dimensions are typically linked in defining valid data entry records. For example, if Cost Center CC_CU00CU01HR01is linked to Profit Center PC_CU00CU00021 and Company Code CO_CU01, a user requires write access to all three members to enter a valid data record.

5 Appendix

The following table lists the configuration guides for this solution.

Building Block Number	Configuration Guide Name
A95	GL Financial Planning SAP NW BW settings for integration with SAP ERP
BW1	BW Basic Connectivity
BW2	BW Connectivity for SAP ERP
EG2	CAPEX settings for integration with SAP ERP - Project System
EG4	Content Deployment for Planning with SAP Business Planning and Consolidation, version for SAP NetWeaver