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| SAP S/4HANAOctober 2020EnglishEnglish |  |
|  | SAP Best Practices for SAP S/4HANA (on premise) (V1): Software and Delivery Requirements  |
| SAP SEDietmar-Hopp-Allee 1669190 WalldorfGermany |  |

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Icons

|  |  |
| --- | --- |
| Icon | Meaning |
| achtung | Caution |
| example | Example |
| tip | Note |
| recommen | Recommendation |
| syntaxic | Syntax |
| process | External Process |
| decision_pointqm | Business Process Alternative/Decision Choice |

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. |

Table of Contents

Contents

[1 Purpose of the Document 5](#_Toc37773034)

[2 Technical Requirements 5](#_Toc37773035)

[2.1 Software product versions for 2020 5](#_Toc37773036)

[2.2 SAP Notes 6](#_Toc37773037)

[2.3 SAP Solution Manager 11](#_Toc37773038)

[2.4 Active Business Functions Required 12](#_Toc37773039)

[2.5 System Landscape 14](#_Toc37773040)

[2.6 Connectivity 14](#_Toc37773041)

[2.7 Authorizations 15](#_Toc37773042)

# Purpose of the Document

This document contains all information to:

* Validate that key prerequisites such as software products and versions match the customer situation
* Check that all prerequisites for a customer implementation are in place
* Check that correct content, tools and skills are in place before the project starts.

The document will list different kinds of requirements on package level if they are valid for all Scope Items included in the package. For requirements valid for certain scope items only, these scope items are mentioned.

The document contains pre-requisites only, not the procedures to meet them. For how-to information please refer to the *Administration Guide for SAP S/4HANA OP Solution Implementation*

( <https://help.sap.com/viewer/S4HANA_2020_AdminGuide> )

General Project Prerequisites

The following prerequisites need to be in place before an implementation project can start.

|  |  |
| --- | --- |
| **Prerequisite** | **Responsibility** |
| Kick off and workshop dates, location and attendees agreed | Customer |
| Customer team allocated with correct skills and training in place | Customer |
| Project sponsors and stakeholder identified | Customer |
| Hardware fully commissioned  | Customer |
| Software licenses in place | Customer |
| Infrastructure team can respond to requests quickly enough e.g. CSS notes, BW content, patches, user requests, authorization changes and transports | Customer |
| User interfaces agreed e.g. SAPGUI, SAP Fiori | Customer |
| Remote access is in place for SAP consultants and SAP Active Global Support | Customer |
| Decision made whether SAP Best Practices Solution Builder will be used to activate content (recommended). | Customer |
| Tool for project repository and collaboration agreed | Customer |
| Test management tool agreed | Customer |

# Technical Requirements

This section contains technical requirements in different areas. For each requirement, the relevance for scope items of the package is provided.

## Software product versions for 2020

The following software products and versions are required:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Product** | **Product Version** | **Product Version Instance** | **Support Package Stacks** | **Components**  | **Solution Manager Logical Component** | **Comments** | **Relevance** |
| SAP S/4HANA | SAP S/4HANA 2020 | SAP S/4HANA Server | FPS00 |  | S4HANAOP\_Suite\_Server  | Mandatory | All scope items. |
| SAP S/4HANA | SAP S/4HANA 2020 | Adobe Document Services | FPS00 |  |  | Mandatory | All scope items. |
| SBOP ANALYSIS MS OFFICE | SBOP ANALYSIS MS OFFICE 2.3 | Analysis Office Client 2.3 |  | XLS Addon | None | Optional | All ERP planning scope items (BEA, BEU, BEX). An additional license is necessary. |

| **Product** | **Product Version** | **Product Version Instance** | **Support Package Stacks** | **Components**  | **Solution Manager Logical Component** | **Comments** | **Relevance** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SAP FIORI FES FOR S/4HANA | SAP FIORI FES 2020 FOR S/4HANA | SAP Frontend Server 7.55 | FPS00 |  | None | Mandatory | All scope items |
| SAP FIORI FOR SAP S/4HANA | SAP FIORI FOR SAP S/4HANA 2020 | UI for SAP S/4HANA | FPS00 | UIS4HOP1 600UIAPFI70 800 | None | Mandatory | All scope items |
| SAP S/4HANA | SAP S/4HANA 2020 | SAP Web Dispatcher | FPS00 |  | None | Mandatory | All scope items |

## SAP Notes

The following SAP Notes need to be considered for specific countries/regions:

| **SAP Note No** | **Content** | **Comments** | **Relevance** |
| --- | --- | --- | --- |
| 2914432 | SAP Best Practices for SAP S/4HANA (on premise) (Germany) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Germany | All Scope Items / all FPSs |
| 2914407 | SAP Best Practices for SAP S/4HANA (on premise) (U.S.A) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package USA | All Scope Items / all FPSs |
| 2917978 | SAP Best Practices for SAP S/4HANA (on premise) (Canada) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Canada | All Scope Items / all FPSs |
| 2928074 | SAP Best Practices for SAP S/4HANA (on premise) (Australia) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Australia | All Scope Items / all FPSs |
| 2933090 | SAP Best Practices for SAP S/4HANA (on premise) (Great Britain) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Great Britain | All Scope Items / all FPSs |
| 2959442 | SAP Best Practices for SAP S/4HANA (on premise) (Netherlands) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Netherlands | All Scope Items / all FPSs |
| 2930904 | SAP Best Practices for SAP S/4HANA (on premise) (Hungary) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Hungary | All Scope Items / all FPSs |
| 2930913 | SAP Best Practices for SAP S/4HANA (on premise) (Singapore) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Singapore | All Scope Items / all FPSs |
| 2959056 | SAP Best Practices for SAP S/4HANA (on premise) (Belgium) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Belgium | All Scope Items / all FPSs |
| 2959108 | SAP Best Practices for SAP S/4HANA (on premise) (Luxembourg) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Luxembourg | All Scope Items / all FPSs |
| 2928046 | SAP Best Practices for SAP S/4HANA (on premise) (China) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package China | All Scope Items / all FPSs |
| 2959413 | SAP Best Practices for SAP S/4HANA (on premise) (France) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package France | All Scope Items / all FPSs |
| 2919342 | SAP Best Practices for SAP S/4HANA (on premise) (Sweden) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Sweden | All Scope Items / all FPSs |
| 2919298 | SAP Best Practices for SAP S/4HANA (on premise) (Norway) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Norway | All Scope Items / all FPSs |
|  [2920662](https://i7p.wdf.sap.corp/sap/support/notes/2920662) | SAP Best Practices for SAP S/4HANA (on premise) (Switzerland) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Switzerland | All Scope Items / all FPSs |
| 2930911 | SAP Best Practices for SAP S/4HANA (on premise) (Japan) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Japan | All Scope Items / all FPSs |
| 2921371  | SAP Best Practices for SAP S/4HANA (on premise) (South Africa) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package South Africa | All Scope Items / all FPSs |
| 2917958 | SAP Best Practices for SAP S/4HANA (on premise) (Brazil) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Brazil | All Scope Items / all FPSs |
| 2917988 | SAP Best Practices for SAP S/4HANA (on premise) (Mexico) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Mexico | All Scope Items / all FPSs |
| 2933039 | SAP Best Practices for SAP S/4HANA (on premise) (Ireland) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Ireland | All Scope Items / all FPSs |
| 2917966 | SAP Best Practices for SAP S/4HANA (on premise) (Italy) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Italy | All Scope Items / all FPSs |
| 2933038 | SAP Best Practices for SAP S/4HANA (on premise) (Malaysia) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Malaysia | All Scope Items / all FPSs |
| 2917979 | SAP Best Practices for SAP S/4HANA (on premise) (Spain) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Spain | All Scope Items / all FPSs |
| 2933163 | SAP Best Practices for SAP S/4HANA (on premise) (Taiwan) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Taiwan | All Scope Items / all FPSs |
| 2920177 | SAP Best Practices for SAP S/4HANA (on premise) (United Arab Emirates) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package United Arab Emirates | All Scope Items / all FPSs |
| 2920243 | SAP Best Practices for SAP S/4HANA (on premise) (New Zealand) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package New Zealand | All Scope Items / all FPSs |
| [2920618](https://i7p.wdf.sap.corp/sap/support/notes/2920618) | SAP Best Practices for SAP S/4HANA (on premise) (Austria)  (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Austria | All Scope Items / all FPSs |
| 2917919 | SAP Best Practices for SAP S/4HANA (on premise) (Denmark) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Denmark | All Scope Items / all FPSs |
| 2917980 | SAP Best Practices for SAP S/4HANA (on premise) (Finland) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Finland | All Scope Items / all FPSs |
| **2919211** | SAP Best Practices for SAP S/4HANA (on premise) (Russia) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Russia | All Scope Items / all FPSs |
| 2921351 | SAP Best Practices for SAP S/4HANA (on premise) (Romania) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Romania | All Scope Items / all FPSs |
| 2920248 | SAP Best Practices for SAP S/4HANA (on premise) (Portugal) (PTV7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Portugal | All Scope Items / all FPSs |
| 2919792 | SAP Best Practices for SAP S/4HANA (on premise) (Hong Kong, China) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Hong Kong, China  | All Scope Items / all FPSs |
| **2919252** | SAP Best Practices for SAP S/4HANA (on premise) (Philippines) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Philippines | All Scope Items / all FPSs |
| 2920199 | SAP Best Practices for SAP S/4HANA (on premise) (Saudi Arabia) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Saudi Arabia | All Scope Items / all FPSs |
| 2920244 | SAP Best Practices for SAP S/4HANA (on premise) (Indonesia) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Indonesia | All Scope Items / all FPSs |
| 2917388  | SAP Best Practices for SAP S/4HANA (on premise) (Turkey) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Turkey | All Scope Items / all FPSs |
| 2922604 | SAP Best Practices for SAP S/4HANA (on premise) (Thailand) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package Thailand | All Scope Items / all FPSs |
| **2960284** | SAP Best Practices for SAP S/4HANA (on premise) (India) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package India | All Scope Items / all FPSs |
| 2916943 | SAP Best Practices for SAP S/4HANA (on premise) (South Korea) (V7) | Information on the activation of SAP Best Practices for SAP S/4HANA (on premise) package South Korea | All Scope Items / all FPSs |
| 2959084 | SAP Best Practices for SAP S/4HANA (on premise) (Czech Republic) (CZV7) | Information on the installation of SAP Best Practices for S/4HANA (on premise) (Czech Republic) (CZV7) | All Scope Items / all FPSs |
| 2964721 | SAP Best Practices for SAP S/4HANA (on premise) (Poland) (PLV7) | Information on the installation of SAP Best Practices for S/4HANA (on premise) (Poland) (PLV7) | All Scope Items / all FPSs |
| 2959092 | SAP Best Practices for SAP S/4HANA (on premise) (Slovakia) (SKV7) | Information on the installation of SAP Best Practices for S/4HANA (on premise) (Slovakia) (SKV7) | All Scope Items / all FPSs |

The following SAP Notes need to be considered for all countries/regions:

| **SAP Note No** | **Content** | **Comments** | **Relevance** |
| --- | --- | --- | --- |
| 2914416 | SAP S/4HANA, on-premise edition 2020 collective note for content activation | Generic information on the activation of SAP Best Practices for S/4HANA content | All Scope Items / all FPSs |
| 2289865 | Configuration steps for S/4HANA Analytics | This note provides additional information about the configuration for Analytics in S/4 HANA On-Premise Edition.More information is also available here: [Steps to Configure Multidimensional Reports](http://aiokeh.wdf.sap.corp:50000/SAPIKS2/contentShow.sap?_SCLASS=XDP_STRUCT&_SLOIO=6E860A5672F8787FE10000000A441470&IWB_INDUSTRY=S4HANA_OP&TMP_IWB_TASK=PREVIEW2&RELEASE=1610&LANGUAGE=EN&_SEQNUM=3&_LOIO=87AEDF577EC43528E10000000A441470&_CLASS=BCO_COMMONBit) |  |
| 2590653 | SAP Fiori front-end server deployment for SAP S/4HANA | Recommendation regarding the Fiori strategy (Embedded vs. Hub) |  |

## SAP Solution Manager

For the implementation of the solution package, SAP Solution Manager is recommended.

SAP Best Practices content is available for SAP Solution Manager 7.2. Follow the detailed instructions in SAP Solution Manager 7.2 on how to proceed.

To be able to select the content for import in SAP Solution Manager 7.2 it’s necessary to pre-select first in the SAP Best Practices Explorer.

## Active Business Functions Required

Functionality in this solution package requires certain business functions to be active in the SAP landscape. These business functions need to be activated:

After installing SAP S/4HANA ON-PREMISE, but before activating the SAP Best Practices for SAP S/4HANA (on premise) package, activate the following SAP Business Functions.



The activation of Enterprise Extensions, Business Functions, and Business Function Sets changes your system and cannot be rolled back. For more information about the impact, check the documentation of the related extension or business function.



Ensure that you have activated all Business Functions as outlined below **before** **you create the client** in which the SAP Best Practices for SAP S/4HANA (on premise) package shall be activated.

  

Do NOT activate additional Enterprise Extensions or Business Functions (in addition to the required BF mentioned for SAP BP deployment) before content activation. This can result in errors during activation of SAP Best Practices content. Additional Business Functions can still be activated at any time after content activation – of course this will then require regression testing of business process as it is usually part of any system maintenance activities”.

| **Product** | **Business Function** | **Configuration or Data required** | **Relevance** |
| --- | --- | --- | --- |
| S4CORE | FIN\_FSCM\_CLM |  | Required for scope items J77, J78 (Building Blocks BFD, BFE, BFF, BFP).An additional license is necessary. all FPSs |
| S4CORE | FIN\_FSCM\_BNK |  | Required for scope items J78 (Building Block J83, BF4).An additional license is necessary.all FPSs |
| S4CORE | FIN\_REP\_SIMPL\_2 |  | Required for Financials Reporting / all FPSs |
| S4CORE | FIN\_REP\_SIMPL\_3 |  | Required for Financials Reporting / all FPSs |
| S4CORE | FIN\_REP\_SIMPL\_4 |  | Required for Financials Reporting / all FPSs |
| S4CORE | FIN\_LOC\_SRF |  | Required for scope item 1J2 (Building Block BRS).An additional license is necessary.all FPSs / 1J2 is only relevant for specific countries/regions |
| S4CORE | LOG\_EAM\_SIMPLICITY |  | Required for scope items BH1, BH2, BJ2 (Building Blocks BFI, BFJ, BFM, BFN). |
| S4CORE | LOG\_EAM\_SIMPLICITY\_2 |  | Required for scope items BH1, BH2, BJ2 (Building Blocks BFI, BFJ, BFM, BFN). |
| S4CORE | LOG\_EAM\_SIMPLICITY\_3 |  | Required for scope items BH1, BH2, BJ2 (Building Blocks BFI, BFJ, BFM, BFN). |
| S4CORE | LOG\_EAM\_SIMPLICITY\_4 |  | Required for scope items BH1, BH2, BJ2 (Building Blocks BFI, BFJ, BFM, BFN). |
| S4CORE | LOG\_EAM\_SIMPLICITY\_5 |  | Required for scope items BH1, BH2, BJ2 (Building Blocks BFI, BFJ, BFM, BFN). |
| S4CORE | LOG\_EAM\_SIMPLICITY\_6 |  | Required for scope items BH1, BH2, BJ2 (Building Blocks BFI, BFJ, BFM, BFN). |
| S4CORE | LOG\_EAM\_SIMPLICITY\_7 |  | Required for scope items BH1, BH2, BJ2 (Building Blocks BFI, BFJ, BFM, BFN). |
| S4CORE | LOG\_EAM\_SIMPLICITY\_8 |  | Required for scope items BH1, BH2, BJ2 (Building Blocks BFI, BFJ, BFM, BFN). |

## System Landscape

The Front-End Server (SAP Gateway) connects to the ABAP Back-End Server (i.e. SAP S/4HANA) and other SAP Business Suite Server. The requests of the clients are routed via the SAP Web Dispatcher. Find more details on the architecture of SAP Fiori configuration in the ‘UI Technology Guide for SAP S/4HANA’, The latest guide is available in this link: <https://help.sap.com/doc/61634ead9e5144b89e7eca2b1d4b8bce/>

When creating Adobe Forms (e.g. PDF Documents) out of an SAP system, the rendering is done by Adobe Document Services. The system landscape diagram shows the relevant component.

 

## Connectivity

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

| RFC Destination | Description | Connection Type | Created in Building Block | Logon Data | Comment |
| --- | --- | --- | --- | --- | --- |
| <system id >CLNT<Client> | RFC Destination to SAP S/4HANA Server | 3 | SAP S4HANA Fiori Foundation Configuration | UserID | For more details, see chapter ‘Gateway System: Creating Trusted RFC in NetWeaver Gateway to SAP Business Suite’ |
| <system id >CLNT<Client> | RFC Destination to SAP Gateway Server | 3 | SAP S4HANA Fiori Foundation Configuration | UserID | For more details, see chapter ‘Defining Trust between SAP Business Suite and SAP NetWeaver Gateway’ |
| <system id >CLNT<Client> | RFC Destination to SAP S/4HANA Server | H | SAP S4HANA other app Types Deployment | UserID | Creating an HTTP RFC Destination to Back-End Server |

 Note

You can check the RFC destinations using transaction SM59.

## Authorizations

For required authorizations please check the respective sections in the *Administration Guide for SAP S/4HANA OP Solution Implementation*

( <https://help.sap.com/viewer/S4HANA_1909_AdminGuide> )

( <https://help.sap.com/viewer/S4HANA2020_AdminGuide> )