SAP S/4HANA 2020 Implementation by Activating SAP Best Practices by Irshad

SAP S/4HANA is quick, efficient, and made to add value across all business divisions. See our most recent white paper to find out how SAP S/4HANA might benefit you:

Enhance decision-making using current information

Enhance performance by streamlining and reinventing procedures

Boost productivity by utilizing the customized Fiori user experience

Reduced total cost of ownership due to a more straightforward architecture

Learning Objectives

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- Understand the step-by-step processes to **implement SAP S/4HANA 2020 using SAP Best Practices**
- Understand the **pre-requisites, the preparation and the activation** of SAP Best Practices for SAP S/4HANA 2020
- Understand the **lessons learned** from previous projects
- Get the key takeaways, the important notes and additional information

Content

Introduction

- SAP Best Practices overview
- SAP Best Practices for SAP S/4HANA 2020
- Key benefits of using SAP Best Practices
- Who should use SAP Best Practices?

Activating SAP Best Practices for SAP S/4HANA

- Pre-requisites and preparation
- Defining the Scope of Your Solution
- Activation
- Activities related to SAP Best Practices in quality & production instances

SAP Best Practices for SAP S/4HANA - Lessons Learned
Key Takeaways
Important Notes and Additional Resources

Environment

S/4HANA On Prem 2020 SAP Best Practices

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(For S/4HANA OnPrem **2021** version check the KBA [3126942](#))

Resolution

Introduction

 SAP Best Practices overview

SAP Best Practices:

- are tailored to accelerate and simplify the adoption of SAP S/4HANA for faster time to value.
- provide preconfigured content (called scope items) for core business processes with a rolespecific, responsive and simple user experience. An end-to-end business process is named as scope item in SAP Best Practices (for example "Sell from Stock "). The 2020 SAP Best Practices scope includes 300 scope items. You may decide to activate all the scope items or selectively. Decide this upfront as once you activate the scope items, there is no automatic way of deactivating them. The activation configures Implementation guide (IMG) for the selected scope items.

[SAP Best Practices Explorer](#)

- is the tool (free of charge) to explore the SAP Best Practices scope items
- provides the scope item details with process flow diagrams, test scripts and an overall description
- includes many accelerators (covered on the next slide) to jump start your implementation

[SAP Best Practices Key Accelerators](#)
(In this example we selected links to country USA)

- [Customer scope presentation](#)
- [What's new](#)
- [Software and delivery requirements](#)
- [Forms](#)

SAP Best Practices Functional Accelerators

- [Prerequisites matrix](#) (provides the complete list of scope items),
- [Organizational data overview](#), [Master data overview](#), [Availability and dependencies of scope items](#)
- [Chart of accounts](#) (COA), [Master data FI](#), [Master data CO](#), [Financial statement items](#), [Pre-configured tax codes](#), [Account determination (global)](#), [Account determination (local)](#)
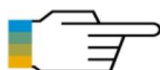- [SAP Best Practices content library](#)

SAP Best Practices for SAP S/4HANA 2020

SAP S/4HANA 2020 Best Practices are available for 43 countries.

Australia (AU)	Austria (AT)	Belgium (BE)	Brazil (BR)	Canada (CA)	China (CN)
Czechia (CZ)	Denmark (DK)	Finland (Fi)	France (FR)	Hong Kong (HK)	Germany (DE)
Great Britain (GB)	Hungary (HU)	India (IN)	Indonesia (ID)	Ireland (IE)	Italy (IT)
Japan (JP)	Korea South	Luxembourg	Malaysia	Mexico (MX)	New Zealand

	(KR)	(LU)	(MY)		(NZ)
Netherlands (NL)	Norway (NO)	Philippines (PH)	Poland (PL)	Portugal (PT)	Romania (RO)
Russia (RU)	Saudi Arabia (SA)	Singapore (SG)	Slovakia (SK)	Spain (ES)	South Africa (ZA)
Sweden (SE)	Switzerland (CH)	Taiwan (TW)	Thailand (TH)	Turkey (TR)	
United Arab Emirates (AE)	USA (US)				

You can activate either one country or several country Best Practices in one client
While activating several country Best Practices, do not allow changes to the configuration of
the already activated countries. After completing the activation of all required country SAP

Best Practices the consultants can start the modifications of the delivered configuration.

Introduction - Key benefits of using SAP Best Practices

Key benefits of using SAP Best Practices

- Jump start your SAP S/4HANA implementations with predefined SAP Best Practices scope items to accelerate your fit-to-standard workshops
- Configure your system quickly by using the automatic activation of SAP Best Practices in Solution Builder
- Get the process flow diagrams for the defined scope items along with the test scripts
- Build your sandbox or training systems or development system in a short period of time
- SAP Best Practices deliver sample master data which help executing the provided test scripts and then demonstrate the business processes to the business users
- Extend the configuration using SAP Best Practices organizational entities – using the entity copy in IMG (implementation guide)
- Modify the SAP Best Practices configuration to suit your specific requirements.

Introduction - Who should use SAP Best Practices?

Who should use SAP Best Practices?

- SAP Best Practices should be used **only** for greenfield implementations.
- SAP Best Practices **cannot** be activated in already configured clients.

Please refer

[SAP Best Practices Explorer](#) for complete documentation on **SAP Best Practices for SAP S/4HANA (on premise)**.

Activating SAP Best Practices - Pre-requisites & preparation

Activating SAP Best Practices for SAP S/4HANA

Pre-requisites and preparation

Language installation:

- Before starting the client copy for development, install all required languages in client 000. It is

recommended to plan considering the future (at least the next 20 years of your business expansion) when you decide which languages to install. The language once installed cannot be uninstalled.

- SAP Best Practices installation data (Configuration data and master data) contains translations for 38 languages. The non-relevant language translations for configuration and master data are deleted during the installation data import (the installed languages can be checked in transaction SMLT).
- Any new language installation after the activation of SAP Best Practices **will lead to additional manual effort** in language translations for the SAP Best Practices content and also for your own additional customizing content in each existing client

Activating SAP Business Functions:

- Based on the project, the SAP Best Practices scope decision requirements decide the SAP business functions that must be activated.
- Activate required SAP business function in <u>Client 000 before the client copy</u>

Do not activate any <u>Business Function Sets</u>; they aren't required for SAP Best Practices activation

Do not activate any additional SAP Business Functions not mentioned in the 2020 Admin Guide before you activate the SAP Best Practices scope.

Decide the group currency (client currency):

In SAP Best Practices, all country solutions have USD as the default group currency. So, the project team <u>should decide the group currency up front before activation</u> of the SAP Best Practices.

- If you need a different group currency, you need to <u>change the group currency</u> in the solution maintenance (Transaction: /n/SMB/CD_MAINT) after the installation data is uploaded to the customer solution.
- Before starting the activation, the client currency field should be blank in the client details (SCC4 transaction).
  After starting the Best Practices activation, the maintained group currency is populated as the client currency.

Once the activation is started, you cannot change the group currency.

Remember to check the consistency of group currency while <u>activating several SAP Best Practices country solutions</u> **in case you change it from USD for the first country Best Practices activation.**

Client setup alternatives:

<u>Two client copy alternatives</u> are available for SAP Best Practices implementation:

Alternative 1: <u>Setting up an SAP Best Practices Client</u>

- When the client copy is done as an SAP Best Practices client, no client 000 reference content is copied.
- Once the SAP Best Practices are activated, Client 000 settings are also populated for those IMG activities that are covered by the SAP Best practices scope.

- Additional [effort](#) will be required to copy the client 000 settings, <u>if your scope is large and isn't covered by SAP Best Practices content</u>. In this scenario, alternative 2 - the merged client option can be chosen.
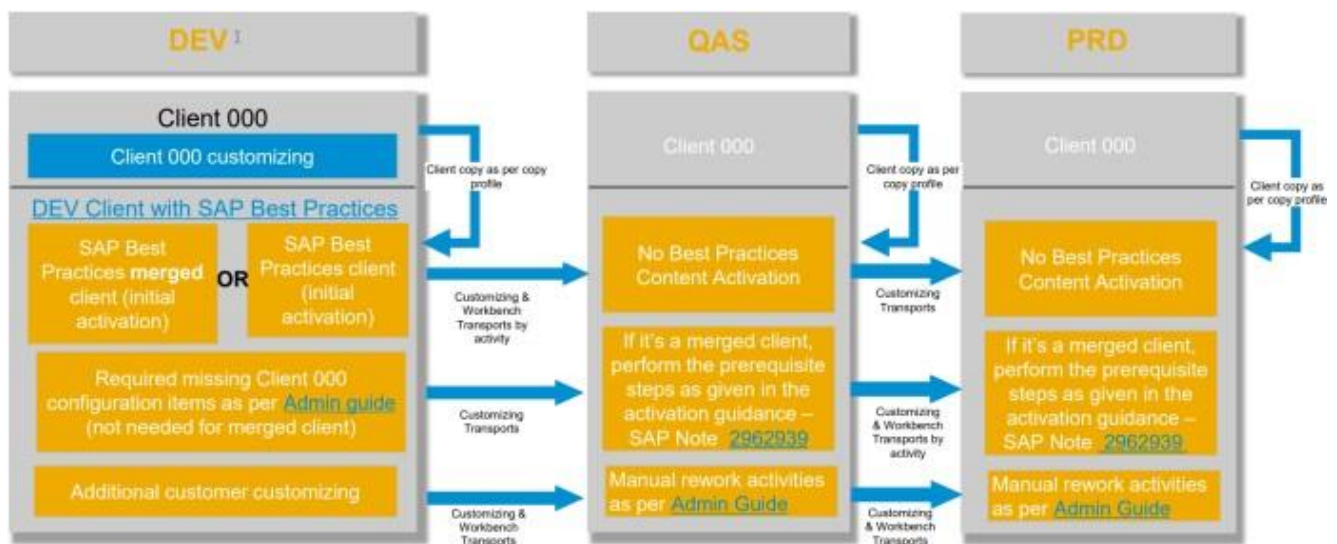
Alternative 2 - [Setting up a Merged Client](#) **(All Client 000 reference settings)**

- If you choose the merged client alternative, additional activation errors may occur because the Client 000 settings already exist; the SAP Best Practices activation tries to populate the same configuration.
- For guidance, see SAP Note [2962939](#). (Implementation of SAP S/4HANA SAP Best Practices 2020 (on premise) -
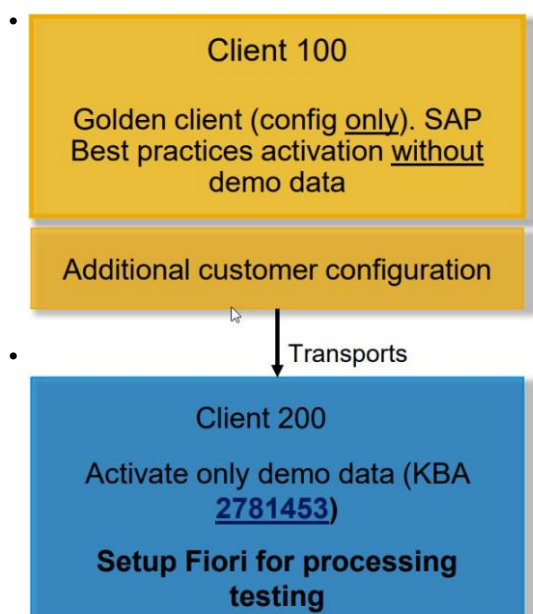- Activation in a merged client).

⚠️   Never activate SAP Best Practices in client 000. Client 000 is only a reference client and should not to be used for configuration.

System landscape recommendations

Setup of development instance

Activate SAP Best Practices without demo data in Client 100. The demo data includes sample customers, vendors, materials, and profit centers. The customer's profit center structure is different than the SAP Best Practices sample profit center structure; therefore, it is not populated when you activate the SAP Best Practices solution without the demo data in golden client.

Copy the Client 100 to Client 200 (SAP_ALL copy profile). Client 200 will be used as a unit test client; you may activate the SAP Best Practices demo data (KBA [2781453](#)) or load the customer demo data for process testing.

Additional customer configuration customizing transports from golden client 100 are continuously

Released from Client 100 to Client 200 for process testing.

- SAP Fiori and other post activation setup required for process testing will only be done in Client 200.

Activating SAP Best Practices - Defining the Scope of Your Solution

Defining the Scope of Your Solution

1. During the development phase, you can deselect scope items (for example, price relevant) or add back additional scope items you deselected earlier in the same Z* solution. (Refer to the Admin Guide for Scoping Procedure).
2. Also, it is possible to activate additional country/region solutions at a later point of time in the same client.
3. It is not possible to deactivate the scope items once activated.

However, both A & B situations can work only with the below boundary conditions:

- You have not done a technical upgrade of your Development system to the next Feature Package Stack (FPS) or a new release.
- You have not changed the SAP Best Practices configuration for already activated countries/regions.

Activating SAP Best Practices - Activation

Activation

Pre-requisite:

The pre-requisites provided in Content Activation SAP Note (2914417 for 2020 FPS0) must be done before the start of the activation.

SAP S/4HANA 2020 collective note for content activation 2914416 provides the SAP Notes for various 2020 FPS releases.

Activation procedure:

- Decide the scope items you need to activate.
- The step by step procedure for SAP Best Practices Content Activation of SAP S/4HANA 2020 FPS0 in the SAP Best Practices client is available here.
- If you have chosen the merged client activation approach, follow the above guide up to the step of getting ready to activate in the implementation assistant. After that, follow SAP Note 2962939 (Implementation of SAP S/4HANA SAP Best Practices 2020 (on premise) - Activation in a merged client).

If you encounter any activation error <u>other than provided</u> in the activation guidance document, <u>do not</u> proceed with the activation. It could cause many other activation errors. Create an incident on SV-CLD-ACT component for resolution by SAP support.

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☞ [SAP S/4HANA New installation step by step guide](#)

Activating SAP Best Practices - Activities

Activities related to SAP Best Practices in quality & production instances

Releasing SAP Best Practices activation transports to QAS/PRD:

Option 1 - Use SAP Best Practices organization structures and extend them:

- SAP Best Practices deliver company codes, for example 1710, plant 1710 and so on to use as the customer base organization structure. You can then extend the organization entities by entity copy.
- Transport strategy: in this case, you must release the workbench transports and customizing transports generated by SAP Best Practices activation to QAS/PRD instances. Also, the additional customizing transports for customer specific requirements need to be released. Then Executing Manual Rework Activities are carried out in QAS/PRD.

Option 2 - Use SAP Best Practices organization as reference only:

- SAP Best Practices deliver organization units which are not used by the customer. Instead of using the delivered organization units, copy each of the SAP Best Practices organizational units to a separate organization structure via entity copy. Then perform a thorough test to ensure that the new organizational structures work without a dependency on the SAP Best Practices delivered organization structures and configuration.
- Transport strategy: in this case, you do not have to release the SAP Best Practice activation transports. Just release your own configuration transports. Then Executing Manual Rework Activities are carried out in QAS/PRD

Manual rework activities - [link](#)

- Some activities (such as number ranges, profit centers (customer-specific), and so on) are not captured in transports in the development instance during SAP Best Practices activation.
- Perform the required manual rework activities in QAS after releasing the transports.
- If you release the SAP Best Practices transports to QAS/PRD, make sure that you perform the prerequisite steps in a merged client as given in the SAP Note 2962939 - Implementation of SAP S/4HANA SAP Best Practices 2020 (on premise) - Activation in a merged client
- To avoid number range issues during release of transports to QAS/PRD, see KBA 2912276: Missing number range intervals after releasing S/4HANA Best Practices Activation transports to Q or P instances in merged client environment.

Lessons Learned

Lessons Learned

- Before starting the client copy for development, install all required languages in client 000. Any new language installation after the activation of SAP Best Practices will lead to additional manual effort in language translations for the SAP Best Practices content and for your own additional customizing content
- Business function sets are not required for SAP Best Practices and they must not be activated. It is recommended to activate required SAP business functions in Client 000 before the client copy to avoid any manual work later.
- Client group currency cannot be changed once the activation of best practices started. So, the project team should decide the group currency up front before activation of the SAP Best Practices.

- Understand the pros and cons of the two client copy alternatives are available for SAP Best Practices implementation before starting the client copy.
- The activation should not be proceeded if any error occurred other than what is mentioned in the activation guide. In such scenario, an incident should be created to SAP Support.

Key Takeaways

Key Takeaways

- SAP Best Practices provide preconfigured content (called scope items) for core business processes to jump start your SAP S/4HANA implementation
- SAP Best Practices is only relevant for greenfield projects
- The tool to explore the SAP Best Practices is called SAP Best Practices Explorer. It includes all the available scopes items, process flow diagrams, test scripts and many accelerators.
- Follow all steps given in the SAP Best Practices for SAP S/4HANA – Lessons Learned section to avoid costly rework.

Important Notes and Additional resources

Important Notes and Additional resources

Documentation from Software download center:

https://support.sap.com/swdc > Choose Software downloads > Installation and Upgrades > By Category > SAP Best Practices > SAP Best for SAP S/4HANA, OnPremise Edition> BP_OP_ENTPR_S4HANA

The Administration Guide to Implementation of SAP S/4HANA 2020 with SAP Best Practices provides all the information needed for implement the SAP Best Practices

- New Installation of SAP S/4HANA 2020 FPS1 – Part 1 – Maintenance Planner
- New Installation of SAP S/4HANA 2020 FPS1 – Part 2 –Installation
- New Installation of SAP S/4HANA 2020 FPS1 – Part 3 – Best Practices Content Activation

This Knowledge Base Article is based on Hanumachastry Rupakula's presentation.

See Also

KBA 2996252 - How to deal with SAP Best Practices after upgrading from 1909 to 2020?

KBA 2988742 - Transport BP activation transport request into different clients

KBA 2983860 - How to check 'Activation History'?

KBA 2940007 - Once you have activated the Best Practice with demo data (master data) it is not possible to deactivate/delete it.

KBA 2938086 - Activation of additional scope items in SAP Best Practices

KBA 2936334 - Best Practice activation - move to production

KBA 2936117 - It's not possible to transport demo data

KBA 2906656 - Cannot deactivate a scope item once it is activated.

KBA 2899079 - How to import installation data for another solution of the same country?

KBA 2870129 - Best Practice activation on already existing client

KBA 2819010 - How to check if scope item is activated in the system?

KBA 2801270 - Default group currency change after Best Practice activation

KBA 2781453 - Add demo data after activation

KBA 2751318 - Demo data are not created in the system after successful activation of a solution

KBA 2665492 - Impact of best practices client deletion

KBA 2555034 - Contact owner of the scope item / building block, instead of activation SV-CLD-ACT when issue occurs during activation in solution builder

KBA 2679749 - S/4HANA on Premise: Setting up QA and PRD best-practice clients

KBA 3108253 - Sequence of country specific solutions activation

KBA 3104765 - How to perform the skip action in the Implementation assistant.

KBA 3047019 - TIME OUT error during Solution Builder activation

KBA 3045179 - Request to activate scope item

Products

SAP S/4HANA Cloud all versions
SAP S/4HANA all versions

This document refers to

SAP Note/KBA	Title
3126942	Jump Start Your SAP S/4HANA 2021 Implementation by Activating SAP Best Practices
3108253	Sequence of country specific solutions activation
3104765	How to perform the skip action in the Implementation assistant.
3047019	
3045179	Request to activate scope item
2996252	How to deal with SAP Best Practices after upgrading from 1909 to 2020, or from 2020 to 2021?
2988742	Transport BP activation transport request into different clients
2983860	How to check 'Activation History'?

SAP S/4HANA 2020 Implementation by Activating SAP Best Practices by Irshad

2940007	Once you have activated the Best Practice with demo data (master data) it is not possible to deactivate/delete it.
2938086	Activation of additional scope items in SAP Best Practices
2936334	Best Practice activation - move to production
2936117	It's not possible to transport demo data
2912276	Missing number range intervals after releasing S/4HANA Best Practices Activation transports to Q or P instances in merged client environment.
2906656	Cannot deactivate a scope item once it is activated.
2899079	How to import installation data for another solution of the same country?
2870129	Best Practice activation on already existing client
2819010	
2801270	Default group currency change after Best Practice activation
2781453	Add demo data after activation
2751318	Demo data are not created in the system after successful activation of a solution
2679749	S/4HANA on Premise: Setting up QA and PRD best-practice clients
2665492	Impact of best practices client deletion
2555034	Contact owner of the scope item / building block, instead of activation SV-CLD-ACT when issue occurs during activation in solution builder
2962939	Implementation of SAP S/4HANA SAP Best Practices 2020 (on premise) - Activation in a merged client
2914417	SAP S/4HANA - SAP S/4HANA 2020 FP-Stack 00 (10/2020) content activation note
2914416	SAP S/4HANA 2020 collective note for content activation
	activating several SAP Best Practices country solutions
	Availability and dependencies of scope items
	change the group currency
	Setting up an SAP Best Practices Client
	FAQ
	Administration Guide to Implementation of SAP S/4HANA 2020 with SAP Best Practices
	Customer scope presentation
	Prerequisites matrix
	SAP Best Practices content library

SAP S/4HANA 2020 Implementation by Activating SAP Best Practices by Irshad

	SAP Best Practices Explorer
	Master data CO
	Account determination (global)
	SAP Best Practices Key Accelerators
	Organizational data overview
	Chart of accounts
	Financial statement items
	Pre-configured tax codes
	Account determination (local)
	What is SAP Model Company?
	effort
	Administration Guide
	Executing Manual Rework Activities
	SAP Best Practices Explorer
	Master data overview
	What is the difference between SAP Best Practices and an SAP Model Company?
	Setting up a Merged Client
	What's new
	SAP Best Practices Functional Accelerators
	Master data FI
	Scoping Procedure
	New installation
	New installation step by step guide
	Executing Manual Rework Activities
	Software Downloads
	New Installation of SAP S/4HANA 2020 FPS1 – Part 2 – Installation
	New Installation of SAP S/4HANA 2020 FPS1 – Part 3 – Best Practices Content Activation
	New Installation of SAP S/4HANA 2020 FPS1 – Part 1 – Maintenance Planner
	Software and delivery requirements