

Set-Up Instructions | PUBLIC SAP S/4HANA 2020-09-17

# Setting Up Service Order Management (41Z)



# Content

1	Purpose
2	Prerequisites
3	Configuration
3.1	Organizational Model
	Setting Integration Between Business Partners and Organizational Units.
	Copying S/4HANA Sales Structure to S/4HANA Service
	Renaming Root Organizational Unit
	Maintaining Organizational Units
	Maintaining Positions for the Organizational Units
	Matching Sales Organizations
	Matching Sales Offices
	Matching Sales Groups
	Organizational Structure Check
3.2	Service and Response Profiles
	Create Service Profiles
	Create Response Profiles
3.3	Profit Center Determination
	Defining Substitution Rules for CRM Processes
	Assigning Substitution Rules for CRM Processes
3.4	Integration to Controlling
	Replicating Service Characteristics Relevant to Controlling
	Maintain Prices for Activity Type
	Maintain Activity Type Derivation
4	Appendix
4.1	Ticket Component
4.2	Creating Custom Fiori Tile
4.3	Proposing Products in Service Order

# 1 Purpose

Before testing the Service Order Management for SAP S/4HANA Service scope item in your system, you must carry out manual configuration steps after the activation of the pre-defined SAP Best Practices content. This document describes the required manual settings in detail.

# 2 Prerequisites

The activities described in this document are based on the assumption that you have activated the SAP Best Practices for SAP S/4HANA Content Package (on premise) in a greenfield client. If you try to apply the settings of this document in a client without SAP Best Practices content, some prerequisite settings might be missing, and you cannot make use of the predefined values referenced in this document.

Your system administrator has defined system users with sufficient authorization rights to access general application functions, Service-specific functions, Interaction Center-specific functions, and customizing. You can find the standard PFCG roles relevant for Service processes in the *Security Guide* at https://help.sap.com/viewer/product/SAP\_S4HANA\_ON-PREMISE

- If in the chapters below it is described to log on as a configuration user, log on to the SAP S/4HANA system via SAP GUI with a user that has authorization to execute IMG configuration activities.
- If in the chapters below it is described to log on as a Customer Service Manager, access the Fiori launchpad and make sure that the mentioned SAP\_BR\_CUSTOMER\_SERVICE\_MGR role is assigned to the user.

# 3 Configuration

### 3.1 Organizational Model

Some of the values mentioned in the configuration steps, for example **1710** represent values that are available if you have implemented the SAP Best Practices content of the US version for this scope item. If you have activated another country version, your system will show different values, for example **1010** for Germany.

To set up the system according to your own customer-specific needs, you may use your own values according to the structure of your company.

### 3.1.1 Setting Integration Between Business Partners and Organizational Units

#### Purpose

This activity consists in setting the parameters to control the integration between business partner data and organizational units.

#### Procedure

1. Sign in to the SAP S/4HANA system as configuration user and choose the following navigation path:

Transaction code	SPRO
Customizing for SAP S/4HANA un- der Service	Service $\rightarrow$ Master Data $\rightarrow$ Business Partner $\rightarrow$ Integration Business Partner-Organization Management $\rightarrow$ Set Up Integration with Organizational Management

#### 2. Maintain the following settings:

Group	Sem.abbr.	Value abbr	Description
HRALX	HRAC	x	Activate HR Integration
HRALX	OBPON	ON	Integration O-BP Activated
HRALX	ONUMB	1	Business Partner Number Assignment (Org. Unit)
HRALX	OSUBG	<empty></empty>	Business Partner Subgroup (Organizational Unit)
HRALX	PBPON	ON	

3. Save your settings.

### 3.1.2 Copying S/4HANA Sales Structure to S/4HANA Service

#### Purpose

This activity generates sales structures from Sales and Distribution (SD) in SAP S/4HANA Service.

#### Procedure

1. Sign in to the SAP S/4HANA system as configuration user and choose the following navigation path:

Transaction code	SPRO
Customizing for SAP S/4HANA un- der Service	Service $\rightarrow$ Master Data $\rightarrow$ Organizational Management $\rightarrow$ Data Transfer $\rightarrow$ Copy SD Sales Structure

2. Select the existing and relevant SAP S/4HANA SD organizational structure. For example, if you have activated the content for the US, it will look like this:

Field Name	User action and values
SD Sales Organization	1710
SD Distribution Channel	10
SD Division	00

Field Name	User action and values	
SD Sales Office	170	
SD Sales Group	170	

3. Choose Generate.

4. Choose Save (Generate New Root Organization).

#### i Note

If you have already created a root organizational unit before, the system will ask you whether you want to create a new root unit or whether you want to assign the selected sales organization to an existing root organizational unit. If you set up an organizational model for the SAP Best Practices content, we suggest to assign any additional Best Practices sales organizations to the same root organizational unit, for example, to COMP – Global Company. In this case, after selecting the relevant sales organization and then Generate, on the *Root Org. Unit Selection* dialog box select the existing root organizational unit and then choose OK (Enter). Then choose *Save*.

#### Result

You have created a root organizational unit for the selected sales organization. In the following sections you create an organizational model with the root organization as top organizational unit.

### 3.1.3 Renaming Root Organizational Unit

#### Purpose

In this chapter you rename the root organizational unit that was created by copying the sales organizational unit. If you are not sure which of the sales organizational units is the root unit, select one of the units displayed in the application and then choose the function Up until you reach the top node. The top node is the root organizational unit.

#### Procedure

1. Sign in to the SAP S/4HANA Service system as a Customer Service Manager (standard business role SAP\_BR\_CUSTOMER\_SERVICE\_MGR) and choose the following navigation path:

SAP Fiori Launchpad	Operations $\rightarrow$ Search Organizations

2. Rename the root that was automatically created when copying the SAP S/4HANA SD sales structure to the following code and description:

Organizational Unit CODE	Description	Hierarchy Level	Functions	Allow Org. Unit to be Determined
COMP	Global Company	0		

#### i Note

For example, and depending on your system set-up, the root organizational unit's name that was generated by the system could be "Sales areas".

3. Save your settings.

### 3.1.4 Maintaining Organizational Units

#### Use

In this chapter you create organizational units as sub-units of the root organizational unit. After maintaining the sub-units, the organizational model should look like this:

Table 1: Sample Organizational Model

Organizational Unit CODE	Description	Comment: Hierarchy Level	Functions	Allow Org. Unit to be Determined
<comp></comp>	<global company=""></global>	0		
<1710>	<dom. org<br="" sales="">US&gt;</dom.>	1	Sales Organization	Sales
<170>	Sales Office 170	2	Sales Office	
<170>	Sales Group 170	3	Sales Group	

Organizational Unit CODE	Description	Comment: Hierarchy Level	Functions	Allow Org. Unit to be Determined
<srv_org></srv_org>	<dom. service<br="">Org US&gt;</dom.>	1	Service Organization	Service
<srv_bo></srv_bo>	<service back<br="">Office&gt;</service>	2	Service Team	Service
<p_srv_emp></p_srv_emp>	<service Employee&gt;</service 	3	Position	
<srv_techgr></srv_techgr>	<service Technicians Group&gt;</service 	2	Service Team	Service
<p_srv_tech></p_srv_tech>	<service Technician&gt;</service 	3	Position	

#### i Note

SAP recommends that you use identical names for the sales organization in SAP S/4HANA Sales and for the assigned sales organization in SAP S/4HANA Service. This enables you to identify the correct sales organization regardless of which application you are working in.

#### i Note

Sales office and sales group are optional entries.

Positions are maintained in chapter: 3.1.5 Maintaining Positions.

#### Procedure

1. Sign in to the SAP S/4HANA Service system as a Customer Service Manager (standard business role SAP\_BR\_CUSTOMER\_SERVICE\_MGR) and choose the following navigation path:

SAP Fiori Launchpad

 $Operations \rightarrow Search \ Organizations$ 

2. Maintain the details of the organizational units as per the table below:

Table 2: Global Company (COMP)

#### **General Data**

Field Name	User action and values
Hierarchy Path	

Description	Global Company	
Code	COMP	
Address		
Field Name	User action and values	
Street/House No.	Hillview Avenue	3410
City	Palo Alto	
Postal code	94304	
Country	US	USA
Region	CA	California
Table 3: Dom. Sales Org	US (1710) as Sub-Node of <global company=""></global>	
General Data		
Field Name	User action and values	
Description	Dom. Sales Org US	
Code	1710	
Address		
Field Neme	Licer estion and values	

Field Name	User action and values			
Street/House No.	Hillview Avenue	3410		
City	Palo Alto			
Postal code	94304			
Country	US	USA		
Region	CA	California		
Functions				
Field Name	User action and values			
Sales Organization	Active			
Allow Org. Unit to be Dete	ermined			
Field Name	Sales User action	Active		
Attributes				
Field Name	User action and values			
Sales	Tupel	1000		
Sales	Country	US		
Sales	Ref. currency for document	USD		
Sales	Division	00		
Sales	Distribution Channel	10		
Sales	Postal Code	00000	99999	

Sales	Region	CA

#### Optional Entries: Sales Office 170 (170) and Sales Group 170 (170)

If you have maintained sales offices and sales groups in Sales and Distribution (SD), you can also set up organizational units for them in the organization model for Service. They are not mandatory for service processes, though. Depending on your requirements, you can skip the creation of these units.

Table 4: Sales Office 170 (170) as Sub-Node of Dom. Sales Org US (1710)

General Data		
Field Name	User action and values	
Description	Sales Office 170	
Code	170	
Address		
Field Name	User action and values	
Street/House No.	Hillview Avenue	3410
City	Palo Alto	
Postal code	94304	
Country	US	USA
Region	CA	California
Functions		
Field Name	User action and values	
Sales Office	active	

Table 5: Sales Group 170 (170) as Sub-Node of Sales Office 170 (170)

General Data		
Field Name	User action and values	
Description	Sales Office 170	
Code	170	
Address		
Field Name	User action and values	
Street/House No.	Hillview Avenue	3410
City	Palo Alto	
Postal code	94304	
Country	US	USA

Region	CA	California
Functions		
Field Name	User action and values	
Sales Group	active	

### Dom. Service Org US (SRV\_ORG) as Sub-Node of Global Company

#### i Note

For service processes, it is mandatory to define at least one service organizational unit and one service team. Decide based on your company structure how many service org. units you need.

#### General Data

Field Name	User action and values		
Description	Dom. Service Org US		
Code	SRV_ORG		
Address			
Field Name	User action and values		
Street/House No.	Hillview Avenue	3410	
City	Palo Alto		
Postal code	94304		
Country	US	USA	
Region	CA	California	
Functions			
Field Name	User action and values		
Service Organization	Active		
Allow Org. Unit to be Determin	ned		
Field Name	User action and values		
Service	active		
Attributes			
Scenario	Field Name	Value	Value to
Service	Country	US	
Service	Postal Code	00000	99999

### Service Back Office (SRV\_BO) as Sub-Node of Dom. Service Org US (SRV\_ORG)

General Data			
Field Name	User action and values		
Description	Service Back Office		
Code	SRV_BO		
Address			
Field Name	User action and values		
Street/House No.	Hillview Avenue	3410	
City	Palo Alto		
Postal code	94304		
Country	US	USA	
Region	CA	California	
Functions			
Field Name	User action and values		
Service Team	Active		
Allow Org. Unit to be Determin	ned		
Field Name	User action and values		
Service	active		
Attributes			
Scenario	Field Name	Value	Value to
Service	Country	US	
Service	Postal Code	00000	99999

# Service Technicians Group (SRV\_TECHGR) as Sub-Node of Dom. Service Org US (SRV\_ORG)

General Data	
Field Name	User action and values
Description	Service Technicians Group
Code	SRV_TECHGR
Address	
Field Name	User action and values

Street/House No.	Hillview Avenue	3410	
City	Palo Alto		
Postal code	94304		
Country	US	USA	
Region	CA	California	
Functions			
Field Name	User action and values		
Service Team	active		
Allow Org. Unit to be Determin	ned		
Field Name	User action and values		
Service	active		
Attributes			
Scenario	Field Name	Value	Value to
Service	Country	US	
Service	Postal Code	00000	99999

### 3.1.5 Maintaining Positions for the Organizational Units

#### Purpose

In this activity you create positions for organizational units.

#### Procedure

1. Sign in to the SAP S/4HANA system as a Customer Service Manager (standard business role SAP\_BR\_CUSTOMER\_SERVICE\_MGR) and choose the following navigation path:

#### SAP Fiori Launchpad

Operations → Search Organizations

2. In the organizational model display, select the line with the relevant organizational unit.

3. Choose *Position*.

4. Maintain a *Description* and a *Code* for the position.

5. Select a Business Role.

#### 6. Save your entries.

For a better overview, the following table represents the complete organizational model which you already created above. The sample positions to be created now are highlighted:

Organizational Unit CODE	Description	Comment:Hi- erarchy Level	Functions	Business Role
COMP	Global Company	0		
1710	Dom. Sales Org US	1	Sales Organization	
170	Sales Office 170	2	Sales Office	
170	Sales Group 170	3	Sales Group	
SRV_ORG	Dom. Service Org US	1	Service Organization	
SRV_BO	Service Back Office	2	Service Team	
P_SRV_EMP	Service Employee	3	Position	Service Professional (S4C_SRV_PRO)
SRV_TECHGR	Service Technicians Group	2	Service Team	
P_SRV_TECH	Service Technician	3	Position	Service Employee (S4C_SRV_EMP)

### 3.1.6 Matching Sales Organizations

#### Purpose

This activity assigns sales organizations in SAP S/4HANA Service to the associated sales organizations in Sales and Distribution (SD).

#### Procedure

1. Sign in to the SAP S/4HANA system as configuration user and choose the following navigation path:

Transaction code SPRO

Customizing for SAP S/4HANA un-	$Service \to Master \; Data \to Organizational \; Management \to Assignment \; of \; Organizational$
der Service	Units to SD $\rightarrow$ Assign Sales Organizations in Service to SD Sales Organization

2. Verify that the following settings are maintained:

Field Name	User action and values
Sales Organization ID	<id 1710="" of="" org="" sales="" unit=""></id>
Sales Org.	1710

### 3.1.7 Matching Sales Offices

#### Purpose

This activity assigns sales offices in SAP S/4HANA Service to the associated sales offices in *Sales and Distribution* (*SD*).

#### $\mathbf{i}\,\mathsf{Note}$

If you do not use sales offices, skip this step.

#### Procedure

1. Sign in to the SAP S/4HANA system as configuration user and choose the following navigation path:

Transaction code	SPRO
Customizing for SAP S/4HANA un- der Service	Service $\rightarrow$ Master Data $\rightarrow$ Organizational Management $\rightarrow$ Assignment of Organizational Units to SD $\rightarrow$ Assign Sales Offices in Service to SD Sales Offices

2.Verify that the following settings are maintained:

Field Name	User action and values
Sales Office	<id 170="" of="" office="" sales="" unit=""></id>
SIs Office	170

### 3.1.8 Matching Sales Groups

#### Purpose

This activity assigns sales groups in SAP S/4HANA Service to the associated sales groups in Sales and Distribution (SD).

#### ${f i}$ Note

If you do not use sales groups, skip this step.

#### Procedure

1. Sign in to the SAP S/4HANA system as configuration user and choose the following navigation path:

Transaction code	SPRO
Customizing for SAP S/4HANA un- der Service	Service $\rightarrow$ Master Data $\rightarrow$ Organizational Management $\rightarrow$ Assignment of Organizational Units to SD $\rightarrow$ Assign Sales Groups in Service to SD Sales Groups

2. Verify that the following settings are maintained:

Field Name	User action and values	
Sales Group	<id 170="" group="" of="" sales="" unit=""></id>	
SD Group	170	

### 3.1.9 Organizational Structure Check

Carry out the following sub chapters whenever you have updated an existing organizational model, or created a new one.

### 3.1.9.1 Updating List of Organizational Units

#### Procedure

1. Sign in to the SAP S/4HANA system as configuration user and choose the following navigation path:

Transaction code	CRMD_INDEX_OM
Customizing for SAP S/4HANA un- der Service	Service $\rightarrow$ Master Data $\rightarrow$ Organizational Management $\rightarrow$ Tools $\rightarrow$ Update List of Organizational Objects
2. Execute the report with the follo	wing parameters:
Object type	
0	Organizational unit
Object type	
S	Position

### 3.1.9.2 Checking Settings for Attribute Maintenance

#### Purpose

This activity checks the consistency of the attribute assignments to the organizational units.

#### Procedure

1. Sign in to the SAP S/4HANA system as configuration user and choose the following navigation path:

Transaction code	COM_OM_ATTRIBUTECHK
Customizing for SAP S/4HANA un- der Service	Service $\rightarrow$ Master Data $\rightarrow$ Organizational Management $\rightarrow$ Tools $\rightarrow$ Check Settings for Attribute Maintenance

2. Execute the report with the following parameters:

Field name	Value
Plan version	01
Attribute Maintenance Scenario	*
Current Date	today's date

### 3.1.9.3 Checking Organizational Data Settings

#### Purpose

This activity executes the *Check Settings for Organizational Data* program to compare the sales area data defined in *Sales and Distribution (SD)* and in SAP S/4HANA Service. You can also check the customizing settings for specific transaction types, as well as for organizational model data using various search criteria.

#### Procedure

1. Sign in to the SAP S/4HANA system as configuration user and choose the following navigation path:

Transaction code	CRM_ORG_PROUVE	
Alternative: Customizing in IMG	Service $\rightarrow$ Master Data $\rightarrow$ Organizational Management $\rightarrow$ Tools $\rightarrow$ Organizational Data Se tings Check	et-
2. Choose the following paramete		
Field name	Value	
Adjust Sales Area	select	
Transaction Type (* = All)	*	
3. Leave the other parameters em	ty.	
4. Choose Execute.		

# 3.1.9.4 Checking Integration Between Business Partners and Organizational Units

#### Purpose

This report runs a consistency check for the integration between business partner data and organizational units. If not all the data is available for the business partner, you can synchronize and repair the data first.

#### Procedure

1. Sign in to the SAP S/4HANA system as configuration user and choose the following navigation path:

Transaction code	SE38
Report	HRALXSYNC
SAP IMG menu	Service $\rightarrow$ Master Data $\rightarrow$ Business Partner $\rightarrow$ Integration Business Partner-Organization Management $\rightarrow$ Create Business Partner Initially

2. Maintain the following parameters:

Object and Check Restriction

Field Name	User action and values
Organizational Unit(s)	active, empty value for selection

3. Execute the report. In case the report shows errors or inconsistencies, choose *Repair*.

### 3.1.9.5 Updating Attribute Buffer for Generic Attributes

#### Purpose

This activity executes the program for the manual update of the *Attribute Buffer for Generic Attributes* for organizational data in order.

#### Procedure

1. Sign in to the SAP S/4HANA system as configuration user and choose the following navigation path:

Transaction code	SE38	
Report	HRBCI_ATTRIBUTES_BUFFER_UPDATE	
2. Execute the report with the following parameters:		
Field name	Value	
Attribute Buffer		
Delete All Buffers	active	
Restructure Buffer on (Date)	active	
Display		
Shortened	selected	
Distribution for Mobile Clients		
No Distribution	selected	

### 3.1.9.6 Assigning Controlling Area to Organizational Unit

#### Purpose

Assign the Controlling Area to the relevant organizational unit.

#### Procedure

1. Sign in to the SAP S/4HANA system as configuration user and choose the following transaction:

PPOME

2. Identify and select the *Global Company* organizational unit.

3. Maintain the attributes of the organizational units as per the following table:

Description:	Global Company	Code:	COMP
Account Assignment			
	User action and values		
Field Name	User action and values		

#### i Note

After initial activation of the SAP Best Practices content, probably the default controlling area 0001 is assigned. To update this to A000, choose the Default Value Customizing button next to the Controlling Area field, and then select Controlling Area A000.

### 3.1.9.7 Assigning Master Cost Center to Organizational Unit

#### Purpose

When releasing a service order, it is mandatory that a cost center can be determined. So that the system can determine the cost center from the assigned service employee group (organizational unit), assign master cost centers to the relevant service organizations.

#### Procedure

1. Sign in to the SAP S/4HANA system as configuration user and choose the following transaction:

Transaction code	PPOME		
2. Select the Service Tech	nnicians Group and/or Service E	3ack Office organiz	rational unit.
3. Maintain the attributes of the relevant organizational units, for example:			
Description:	Service Technicians Group	Code:	SRV_TECHGR
Account Assignment			
Field Name	User action and values		
Master Cost Center	17101321		Services/Consltg(US)

### 3.1.9.8 Assigning Plant and Storage Location to Service Organization

#### Purpose

This activity defines which plant and which storage location of this plant is assigned to a combination of service organization, service team and service employee.

#### Procedure

1. Sign in to the SAP S/4HANA system as configuration user and choose the following navigation path:

Transaction code	SPRO
Customizing for SAP S/4HANA un- der Service	Service Master Data Organizational Management Cross-Application Assignment of Organizational Units Assign Plant and Storage Location to Service
	Organizational Units 🔰

#### 2. Maintain the following settings:

Field name	Value
Service Organization	ID of Service Org Unit SRV_ORG for S/4HANA Service
Service Team	*
Service Employee	*
Plant	1710
Stor. Loc.	171A

3. Save your settings.

### 3.2 Service and Response Profiles

### 3.2.1 Create Service Profiles

#### Purpose

A service profile defines the period in which the services that were defined in the service contract can be carried out. In this procedure, you create two sample service profiles (5x10 and 7x24) that you can use when creating service products.

#### Procedure

1. Log on to the SAP S/4HANA system as a configuration user and choose the following navigation path:

Transaction code	CRMD_SERV_SLA
SAP Menu	Service Service Processes Maintain Availability and Response Times

2. On the Display View "Service Profile": Overview screen, choose Display Change (Ctrl+F1).

3. On the Change View "Service Profile": Overview screen, choose New Entries and maintain the following entries:

Field Name	User Action and Values
Serv Prof.	5x10
Description	Mo-Fr: 7-17 h

4. Choose Enter.

5. To maintain availability times for the newly created service profile, choose the Availability Times button (right column).

6. On the Availability Times for Schema screen, maintain the following entries:

Field Name	User Action and Values
Rule	Weekly periodic Availability Times

Field Name	User Action and Values
Week Rule	Every week on
	Select Mo, Tu, We, Th and Fr.
	For each of the selected days, maintain:
	From 07:00 - 17:00 Hrs
Exceptions	Not on non-working days
Factory Calendar	International

#### 7. Choose Copy.

#### 8. Save your settings, then choose *Back*.

9. To create a second service profile, on the *Change View "Service Profile": Overview* screen choose *New Entries* and maintain the following entries:

Field Name	User Action and Values
Serv Prof.	7x24
Description	Mo-Su: 0-24 h

#### 10. Choose Enter.

11. To maintain availability times for the newly created service profile, choose the Availability Times button (right column).

#### 12. On the Availability Times for Schema screen, maintain the following entries:

Field Name	User Action and Values	
Rule	Daily periodic Availability Times	
Daily	All: 1 Days	
	From: 00:00 To 24:00 (Central Europe).	
Exceptions	No exceptions	
All Days Are Working Days	Selected	

#### 13. Choose Copy.

14. Save your settings.

### 3.2.2 Create Response Profiles

#### **Purpose**

A response profile defines the response time of the technician, in other words, the time by which the technician must start the service laid down in the service transaction item as well as the period in which the service must be completed. In this procedure, you create two sample response profiles (First and Standard) that you can use when creating service products.

#### Procedure

1. Log on to the SAP S/4HANA system as a configuration user and choose the following navigation path:

Transaction code	CRMD_SERV_SLA
SAP Menu	Service Service Processes Maintain Availability and Response Times

2. On the Display View "Service Profile": Overview screen, choose Display Change (Ctrl+F1) ].

3. In the Dialog Structure, double-click Response Profile.

4. On the Change View "Response Profile": Overview screen, choose New Entries and maintain the following entries:

Field Name	User Action and Values
Response Prof.	FIRST
Description	First Level Response Time
Priority	Selected

5. In the Dialog Structure, double-click Indicators for Response Times.

6. On the Change View "Indicators for Response Times": Overview screen, choose New Entries.

7. In the *Priority* column of the *Indicators for Response Times* table, select the following values via value help, then choose Enter:

Priority	Description
1	Very High
3	High
5	Medium
9	Low

8. To assign response times per priority, select one of the priorities, then in the *Dialog Structure* double-click *Response Times*.

9. On the *Change View "Response Times": Overview* screen, choose *New Entries* and maintain the relevant entries per priority in the *Response Times* table. After completing the entries for one priority, double-click Indicators for Response Times in the dialog structure, then select the next priority and repeat the steps as described above until you have maintained response times for all priorities.

Name of Duration	Duration Value	Time Unit
SRV_RF_DURA	1	HOUR
SRV_RR_DURA	2	HOUR
Priority 3 (High)		
Name of Duration	Duration Value	Time Unit
SRV_RF_DURA	2	HOUR
SRV_RR_DURA	8	HOUR
Priority 5 (Medium)		
Name of Duration	Duration Value	Time Unit
SRV_RF_DURA	1	DAY
SRV_RR_DURA	3	DAY
Priority 9 (Low)		
Name of Duration	Duration Value	Time Unit
SRV_RF_DURA	2	DAY
SRV_RR_DURA	5	DAY

#### Priority 1 (Very High)

10. To save the response profile, choose Save (CTRL+S).

11. To create a second response profile, choose *Back* (F3) two times.

12. On the *Change View "Response Profile": Overview* screen, choose *New Entries* and maintain the following entries:

Field Name	User Action and Values
Response Prof.	STANDARD
Description	Standard Level Response Time
Priority	Selected

13. In the Dialog Structure, double-click Indicators for Response Times.

14. On the Change View "Indicators for Response Times": Overview screen, choose New Entries.

15. In the Priority column of the Indicators for Response Times table, select the following values via value help, then choose Enter:

Priority	Description
1	Very High
3	High
5	Medium
9	Low

16. To assign response times per priority, select one of the priorities, then in the Dialog Structure double-click Response Times.

17. On the Change View "Response Times": Overview screen, choose New Entries and maintain the relevant entries per priority in the Response Times table. After completing the entries for one priority, double-click Indicators for Response Times in the dialog structure, then select the next priority and repeat the steps as described above until you have maintained response times for all priorities.

Priority 1 (Very High)		
Name of Duration	Duration Value	Time Unit
SRV_RF_DURA	2	HOUR
SRV_RR_DURA	8	HOUR
Priority 3 (High)		
Name of Duration	Duration Value	Time Unit
SRV_RF_DURA	8	HOUR
SRV_RR_DURA	24	HOUR
Priority 5 (Medium)		
Name of Duration	Duration Value	Time Unit
SRV_RF_DURA	2	DAY
SRV_RR_DURA	7	DAY
Priority 9 (Low)		
Name of Duration	Duration Value	Time Unit
SRV_RF_DURA	7	DAY
SRV_RR_DURA	14	DAY
18. To save the response pro	file choose Save (CTRL+S)	

#### Pric

18. To save the response profile, choose Save (CTRL+S).

### 3.3 Profit Center Determination

#### Use

In this activity you define which profit center will be determined during internal order creation. This is required in service order and service confirmation processing because the internal order that is created for service processes must refer to a profit center. As an easy example, the procedure below describes how to define the profit center determination based on the sales organization. Based on this example, the internal order created during service processing will always have the same profit center value for a dedicated sales organization.

#### i Note

If you want different profit centers to be determined based on, for example, the product entered in the service document, instead of by sales organization you could set up the profit center determination based on material group. The material group Services could then determine a different profit center than, for example, the material group Trading Materials, and so on.

### 3.3.1 Defining Substitution Rules for CRM Processes

#### Procedure

1. Log on to the SAP S/4HANA system as a configuration user and choose the following navigation path:

Transaction code	SPRO
SAP IMG Menu	Integration with Other SAP Components > Customer
	Relationship Management ≽ General Settings ≽ Settings for
	Profit Center Accounting > Define Substitution Rules for
	CRM Processes

2. On the *Change Substitution: Overview* screen, in the *Substitutions* pane select the *Create sales order* entry, then choose *Substitution* (*Create Substitution*).

3. Maintain the following entries:

Field name	User action and values
Substitution (ID)	ZSUB01

Field name	User action and values
Substitution (Description)	Substitution 01

- 4. Choose Enter, then In the Substitutions pane select the line with the newly created substitution and choose Step (Insert step).
- 5. On the Substitutable fields dialog box, choose the line with Profit Center and then Choose (Enter).
- 6. On the Entering the substitution method dialog box, choose Constant value and then Continue (Enter).
- 7. In the step details view, maintain a step description, for example, **Step 01**.
- 8. In the *Substitutions* pane select the *Substitutions* entry below the new Step.
- 9. As *Constant value* for *Profit Center* select one of the available profit centers, for example, **YB700** (Trading Goods).
- 10. Save your entries.
- 11. Choose *Rule (Create Rule)*.
- 12. In the rule details view, maintain a Rule name ID / description, for example, **RULE01 / Rule 01**. Then choose Enter.
- 13. In the *Substitutions* pane navigate to the *Rule definition* entry, then in the *List of structures* table double-click the *EC-PCA: Substitution in Sales Order* entry.
- 14. In the Table Fields list, double-click the Sales Org. entry so that it is displayed in the command view above.
- 15. From the available Boolean statements area select the *equals* (=) statement, so that in the command view the statement is displayed as Sales Org. =.
- 16. Below the Boolean statements area select the *Constant* button and on the *Enter constants* dialog box, select the relevant *Sales Org.*, for example, **1710** for US, then choose *Continue (Enter)*. As a result, in the command view the statement is displayed as Sales Org. = '1710'.
- 17. If in your system Best Practices solutions for different countries have been activated, add further countryspecific sales organizations. To do so, in the Boolean statements area select *OR*.
- 18. Again, double-click the Sales Org. entry.
- 19. Select the *equals* (=) statement.
- 20. Then select *Constant*, and on the *Enter constants* dialog box, select the relevant *Sales Org.*, for example, **1010** for DE, then choose Continue (Enter). As a result, in the command view the statement is displayed as Sales Org. = '1710' OR Sales Org. = '1010'.
- 21. *Save* your entries. (If the *Save* button is not active, navigate to another entry in the *Substitutions* pane and confirm the Save dialog box with Yes.)

### 3.3.2 Assigning Substitution Rules for CRM Processes

#### Procedure

1. Log on to the SAP S/4HANA system as a configuration user and choose the following navigation path:

Transaction code	SPRO
SAP IMG Menu	Integration with Other SAP Components > Customer
	Relationship Management > General Settings > Settings for
	Profit Center Accounting ≽ Assign Substitution Rules for
	CRM Processes

2. On the Change View "Substitution of Profit Center in CRM Integration":: Overview screen, choose New Entries.

3. On the New Entries: Overview of Added Entries screen, maintain the following entries:

Field name	User action and values
COAr	A000
Subst.	ZSUB01

4. Save your entries, and if relevant, select a suitable customizing request.

### 3.4 Integration to Controlling

### 3.4.1 Replicating Service Characteristics Relevant to Controlling

#### Purpose

In this process step, you can replicate the characteristics of service processes (contracts, orders and confirmations) that you want to use for Controlling.

1. Sign in to the SAP S/4HANA system as configuration user and choose the following navigation path:

Transaction code	SPRO
Customizing for SAP S/4HANA un- der Service	Service $\rightarrow$ Transactions $\rightarrow$ Settings for Service Transactions $\rightarrow$ Integration $\rightarrow$ Replicate Service Characteristics Relevant to Controlling

2. On the Replicate Service Characteristics to Controlling screen, select:

Objects to be replicated	Value
Transaction types	Х
Item Categories	Х
Organizational Units X	
Service Types	
Valuation Types	
Product Categories	
3. Choose <i>Execute</i> .	

### 3.4.2 Maintain Prices for Activity Type

### Purpose

With this activity, you define prices activity type 11 Personnel Hours.

1. Sign in to the SAP S/4HANA as a configuration user, and choose the following navigation path:

Transaction code	KP26	
Customizing for SAP S/4HANA un-	Accounting > Controlling > Cost Center Accounting > Planning > Activity	
der Service	Output/Prices > Change	

2. In the dialog box, enter **Controlling Area A000**, if necessary.

3. On the initial screen enter the following selection criteria:

Field	Value
Variables	
Version	0
From Period	001
To Period	012

Field	Value	
Fiscal year	<this year=""></this>	
Cost Center	17101321 (Services/Consulting (US))	
Activity Type	11 (Personnel Hours)	
Entry		
Form-Based	X	

4. Choose the Overview Screen (F5) button.

Maintain the following values:

Field	Values
Activity type	11
Plan Activity	
Distribution Key	2
Capacity	1
Distribution Key	2
Unit	Н
Price (Fixed)	<80,00>
Variable price	<80,00>
Price Unit	00001
Plan Price Indicator	2
Plan Quantity Set	
Average Price	
Alloc. cost element	94311000
Activity Type Category	1
EquiNo	1
Scheduled Activity	0
Long Text exists	

### 3.4.3 Maintain Activity Type Derivation

#### Purpose

In this activity, you define the activity types for a combination of item category, in the confirmation, which should be used when transferring confirmation items to the time sheet. When confirming expense items, the cost element that you define in this activity is used for the internal activity allocation between the employee's sender cost center and the account assignment object. This cost element is also used to determine the planned costs of expense items.

1. Sign in to the SAP S/4HANA system as configuration user and choose the following navigation path:

Transaction code	SPRO
Customizing for SAP S/4HANA under Service	<ul> <li>Integration with Other SAP Components</li> <li>Customer Relationship Management</li> <li>Settings for Service Processing</li> <li>Time Sheet Integration</li> <li>Define Derivation of</li> <li>Attendance Type, Activity Type and Cost Element</li> </ul>

2. On the Change Activity/Price Planning: Overview screen maintain the following values:

Item Cat.	Service Type	Valuation Type	PSG	А/А Туре	Controlling Area	Activity Type	Cost Element
SRVP			0			11	
SVCP			0			11	
SRVE			0				61008000
SVCE			0				61008000

3. Choose Save.

## 4 Appendix

### 4.1 Ticket Component

In case of issues during the configuration, open an SAP support ticket for the following component.

Implementation Step	Component	Comment
Al steps related to Organizational Model	CRM-S4-MD-ORG	
All steps related to Controlling Integra- tion	CRM-S4-CNT or CRM-S4_SRV*	

### 4.2 Creating Custom Fiori Tile

#### Use

If you want to launch a Web-based application from the SAP Fiori launchpad, you can easily create a custom Fiori tile to launch the application's URL. The following steps outline what you need to do to create such a custom Fiori tile.

#### $\mathbf{i}\,\mathsf{Note}$

The steps below have not been tested as part of this SAP Best Practices solution and might not be complete. They are only meant as a general recommendation what you need to do and where you can find detailed documentation.

#### Prerequisites

1. Ensure that the basic setup of the SAP Fiori launchpad is complete. You can find extensive documentation about SAP Fiori here: https://help.sap.com/fiori.

- 2. Ensure that you have an administration user available to execute the SAP Fiori configuration steps in the *Launchpad Designer*.
- Learn how to create a catalog, group, tile and target mapping, as described in the SAP Fiori Launchpad administration guide that you find here: https://help.sap.com/viewer/product/
   SAP\_NETWEAVER\_AS\_ABAP\_752/7.52.2/en-US → UI Technologies in SAP NetWeaver → SAP Fiori Launchpad → Administration Guide → Setting Up Launchpad Content → Best Practices for Managing Launchpad Content.

#### Procedure

- 1. Log on to the Fiori Launchpad Designer as an administration user.
- 2. Create a custom Fiori catalog, for example, with the following values, or re-use an existing catalog:

Field Name	User action and values
Title	Maintain a catalog title
ID	Maintain a catalog ID

3. In the catalog, create a new tile with the following parameters:

#### Type of tile: App Launcher - Static

Field Name	User action and values
Title	Maintain a title
Subtitle	Maintain a subtitle
lcon	Optionally select one of the available icons
Use semantic object navigation	Do not select
Target URL	Maintain the URL of your external application

- 4. Decide to which Fiori group to add the new tile.
- 5. Then in SAP GUI, assign the Fiori catalog and Fiori group to a PFCG role, and assign the role to the relevant application users.

### 4.3 Proposing Products in Service Order

#### Purpose

In the service order's item list you can find a function *Product Proposal*. This option allows the service planner to easily identify spare parts relevant to the piece of equipment that is maintained as main reference object in the service order.

#### Procedure

To enable the *Product Proposal* option, follow the steps outlined in this blog: https://blogs.sap.com/2019/06/07/product-proposals-in-sap-s4hana-for-customer-management-service/

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