Installation Guide
Focused Insights for SAP Solution Manager
Document Version: 2.9 – 2022-01-24

PUBLIC

Focused Insights for SAP Solution Manager 7.2

ST-OST 200 SPS 9

Typographic Conventions

Type Style	Description
Example	Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Textual cross-references to other documents.
Example	Emphasized words or expressions.
EXAMPLE	Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE.
`Example`	Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.
`Example`	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
`<Example>`	Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.
EXAMPLE	Keys on the keyboard, for example, F2 or ENTER.

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Document History

Version	Date	Change
1.0	2016-11-28	Initial Version
1.1	2016-11-28	Minor changes
1.2	2017-01-19	Role SAP_BC_WS_DISPLAY has been replaced by the role SAP_TECHMON_DISPLAY_COMP
1.3	2017-02-24	Adjustments in section SICF Services Activation
1.4	2017-03-23	New role added SAP_BC_WEBSERVICE_SERVICE_USER
1.5	2017-04-05	Adjustments in Prerequisites
1.6	2017-06-27	Add new chapter for the new features SP01
1.7	2017-07-31	Support Package 1. Adjustments in section SICF Services Activation
1.8	2017-11-22	Add new activities for SP01. Update in section SICF Service Activation
1.9	2018-02-15	Minor changes
2.0	2018-07-02	Update in section Focused Insights upgrade. Delete “How to activate new features in SP01” chapter. Minor changes in several sections.
2.1	2019-03-04	Update in section Focused Insights upgrade. Update in section Focused Insights Unified Launchpad. Minor changes in several sections
2.2	2019-07-17	Several updates in Focused Insights Upgrade section. Update in Activation steps chapter. Update in Focused Insights Launchpad chapter
2.3	2020-01-07	Minor changes
2.4	2020-04-23	New Chapter OData Services Activation and Services Aliases creation
2.5	2020-05-19	Support Package 6 Several changes in different sections
2.6	2020-12-08	Support Package 7 Removal AP and RD services activation. Minor changes in several sections
2.7	2021-05-20	Support Package 8
2.9	2022-01-24	Support Package 9

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1 Overview

The purpose of this document is to describe the procedure to install and activate the different Dashboards Models (Operations, Tactical, Service Level, Strategic, Operations Control Center, and Launchpad) included in Focused Insights ST-OST 200 for SAP Solution manager 7.2 SPS 13.

It is not necessary to perform all configuration activities after a patch or a minor release, nevertheless the instructions described here can be considered as a reference to check the status of the setup in case of issues.

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2 Prerequisites

For a successful installation of Focused Insights for SAP Solution Manager some technical and configuration requirements are needed.

- Solution Manager 7.2 should be installed with the support package level of SPS13.
- SAP NetWeaver Gateway should be activated on the system.
- Refer to SAP Note 2392728 (Central Note for Focused Insights ST-OST 200) for information about Focused Insights and the list of notes that need to be installed before starting the configuration procedure. Some of these notes contain additional reports needed to provide fixes and new functionalities.
- After each new installation or upgrade, apply all installation pre-requisites, notes, corrective measures, and reports contained in SAP Note 2392728: Central Note for Focused Insights ST-OST 200 for the section ST-OST 200 SP08.

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3 Introduction

Focused Insights for SAP Solution Manager provides a set of prepackaged dashboards which leverage the SAP Solution Manager content and support best practices for SAP solutions management.

Focused Insights aims to deliver, in real time, the most relevant and valuable information to the right people. While it provides full transparency of information stored inside SAP Solution Manager, it also considers the best practices and experience gained during numerous custom projects, offering you a set of prepackaged dashboards tailored to your needs.

Focused Insights is an add-on designed with key principles in mind, which are reflected in the value it provides:

- Powerful dashboards for IT and business
- Simple usability and deployment
- A rich content which is continuously enhanced
- Cross-scenario support and integrated views
- Appealing user interfaces with mobile support
- Use-case oriented dashboards with advanced authorizations management
- High degree of customizability, openness to extensions
- Designed to support Operations Control Centers (OCC) and large landscapes

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4 Focused Insights Installation

Focused insights are installed with the ST-OST 200 for SAP Solution Manager 7.2 SPS 13 add-on via the transaction **SAINT** (Add on installation tool).

The transaction **SAINT** can process two types of delivery parcels: Add-on installations and add-on-upgrades. Technically, both are generally identical; they only differ in their prerequisites for the import and when checking for object conflicts using the SAP standard system.

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5 Focused Insights Upgrade

Focused Insights upgrade from ST-OST 7.2 SP03, ST-OST 7.2 SP04, ST-OST 7.2 SP05, ST-OST 7.2 SP06 and ST-OST 7.2 SP07 to ST-OST 7.2 SP08 is managed by the transaction **SPAM.**

5.1 What is new? What is the impact on existing dashboards and setup?

Focused Insights for SAP Solution Manager 7.2 SP08 provides an enhancement with the OCC dashboard, more precisely, with the CRM data provider where we add a new tab named saved view which allows the display of a preconfigured views based on the saved search from the CRM application.

Note: The *Readiness Dashboard* (RD) and the *Application Performance Dashboard* (AP) were marked as deprecated since SP06 and all setup tasks related to them have been removed since SP07 documentation.

5.1.1 Upgrade from 7.2 SP03 to 7.2 SP08

- The Focused Insights SETUP application must be executed after the software upgrade.
- The support of the folder feature and the implementation of authorization check in the launchpad dashboard requires the execution of a new report named **/STDF/DFL_UPDATE_AUTH_KEY.**
- This report is available to add existing pages IDs created within the SP03 to *Authorization Keys Table*.
- In the Focused Insights SETUP application, a new step for the upgrade content is available.
- Adding the report **/STDF/REP_SEC_CONF_MIGRAION** in focused Insights SETUP application to keep the configuration of the already configured security Scenario instances of the Tactical dashboard
- Removal of AP and RD SETUP tasks from the SETUP application

5.1.2 Upgrade from 7.2 SP04 to 7.2 SP08

- The Focused Insights SETUP application must be executed after the software upgrade.
- In the Focused Insights SETUP application, a new step for the upgrade content is available.
- Adding the report **/STDF/REP_SEC_CONF_MIGRAION** in Focused Insights SETUP application to keep the configuration of the already configured security Scenario instances of the Tactical dashboard
- Removal of AP and RD SETUP tasks from the SETUP application

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5.1.3 Upgrade from 7.2 SP05 to 7.2 SP08

- The Focused Insights SETUP application must be executed after the software upgrade.
- In the Focused Insights SETUP application, a new step for the upgrade content is available.
- Adding the report **/STDF/REP_SEC_CONF_MIGRAION** in Focused Insights SETUP application to keep the configuration of the already configured security scenario instances of the Tactical dashboard
- Removal of AP and RD SETUP tasks from the SETUP application

5.1.4 Upgrade from 7.2 SP06 to 7.2 SP08

- The Focused Insights SETUP application must be executed after the software upgrade.
- Adding the report **/STDF/REP_SEC_CONF_MIGRAION** in focused Insights SETUP application to keep the configuration of the already configured security Scenario instances of the Tactical dashboard
- Removal of AP and RD SETUP tasks from the SETUP application

5.1.5 Upgrade from 7.2 SP07 to 7.2 SP08

The Focused Insights SETUP application must be executed after the software upgrade.

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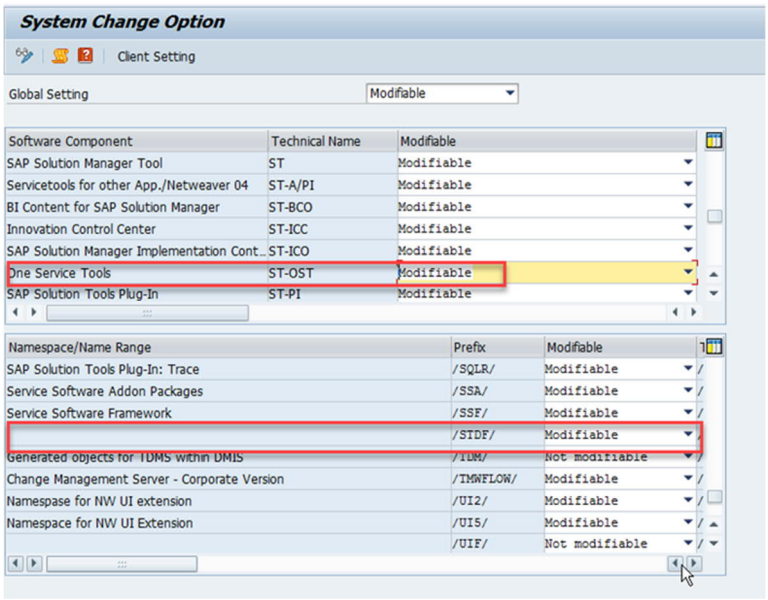
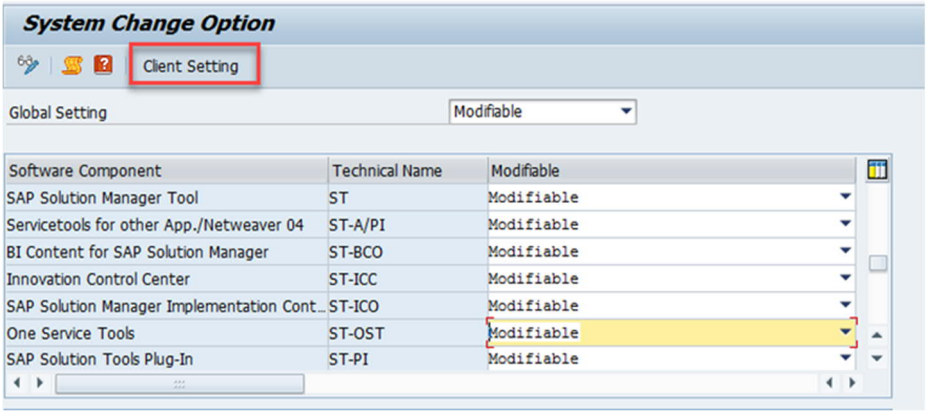
6 Open System for Changes

After the installation of the ST-OST add-on, the Focused Insights content should be activated that is why we need opening the system for modifications.

1. Open transaction *SE06.*
2. The One Service Tools Software Component and the Namespace / Name Range with a /STDF/ Prefix should be modifiable.



3. Click on *Client Setting.*



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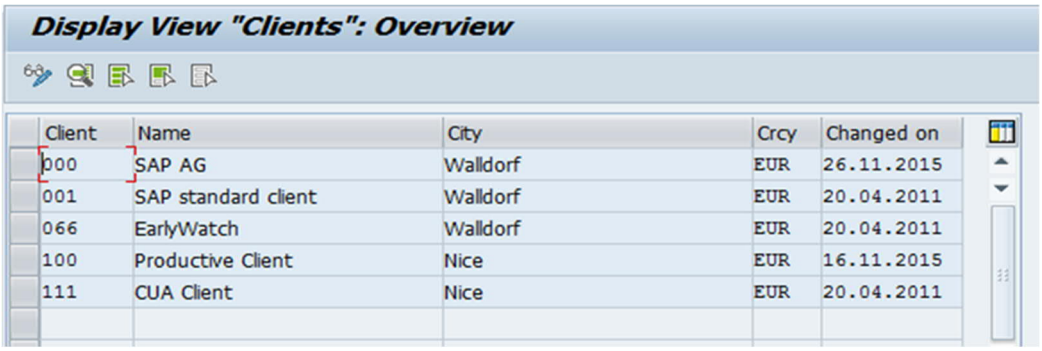
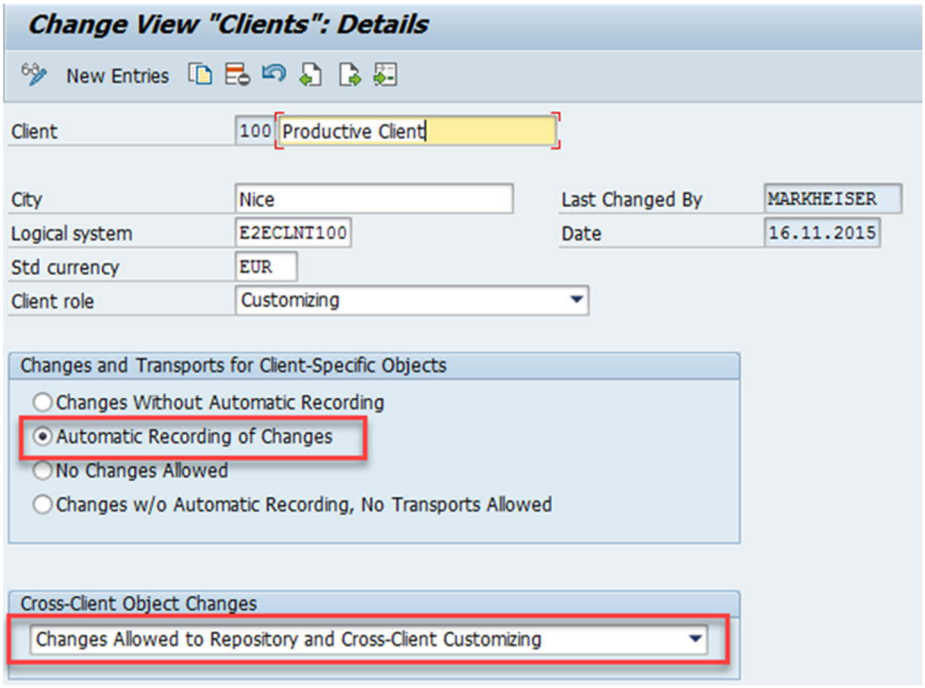
4. Double-click on the *Client*.



5. Check the *Changes* and *Transports* for Client-Specific Objects and *Cross-Client Object Changes.*



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7 Activation

7.1 Introduction

After the installation of the ST-OST add-on, the Focused Insights content should be activated.

The application *FI setup guided procedure* is delivered to list and automate Focused Insights activation steps.

After an upgrade or the installation of a new version of the ST-OST add-on, we recommend to re-execute the *queries* and *services* activation automatic activities.

This Guided Procedure is available at the following URL:

https://<solmanhost>:<solmanport>/sap/bc/webdynpro/stdf/wd_df_setup

7.2 Prerequisites

7.2.1 Users

The following roles are needed to be able to execute the Focused Insights setup guided procedure:

Roles:

- SAP_OST_FI_ADMIN_ALL
- SAP_SM_BI_DISP
- SAP_BI_E2E

> **Note**
>
> Please refer to the security guide under https://help.sap.com/viewer/product/Focused_Build_Focused_Insights --> *Implement* for more details.

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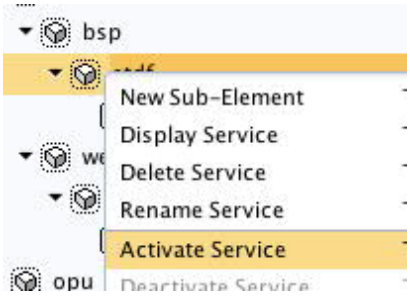
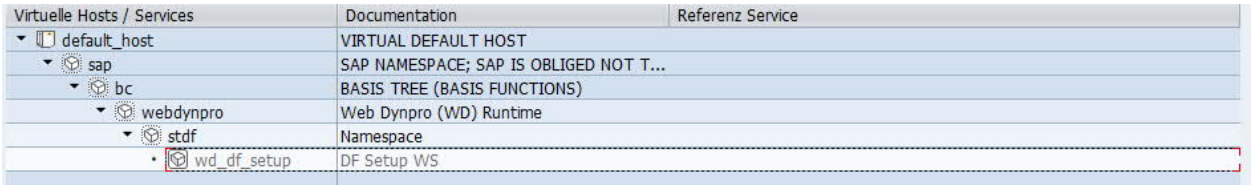
7.2.2 SICF Services Activation

Execute transaction **SICF** to search and activate the following services:





7.3 Activation Steps

Follow the procedure of the FI setup GP according to the documentation described in the guided procedure.

This guided procedure contains manual and automatic activities. The corresponding documentation for the manual activities is accessible in the following chapters of this guide.

Nine activities are covered in the FI Setup GP:

- Pre-requisites (Manual)
- Number Ranges interval creation (Manual)
- BW Queries activation (Automatic)
- System Alias Creation (Manual)
- Activate Services (Automatic)
- Schedule Jobs (Automatic)
- Content Initialization (Automatic)
- Dashboards instance Configuration (Optional)
- Cache Configuration (Optional)

7.3.1 Step 1: Prerequisites

Focused Insights require some jobs to be scheduled in SAP Solution Manager.

In this step, you can enter the SAP user that that will be used to schedule Focused Insights job. If the user is not specified, the user running the FI Setup GP will be used.

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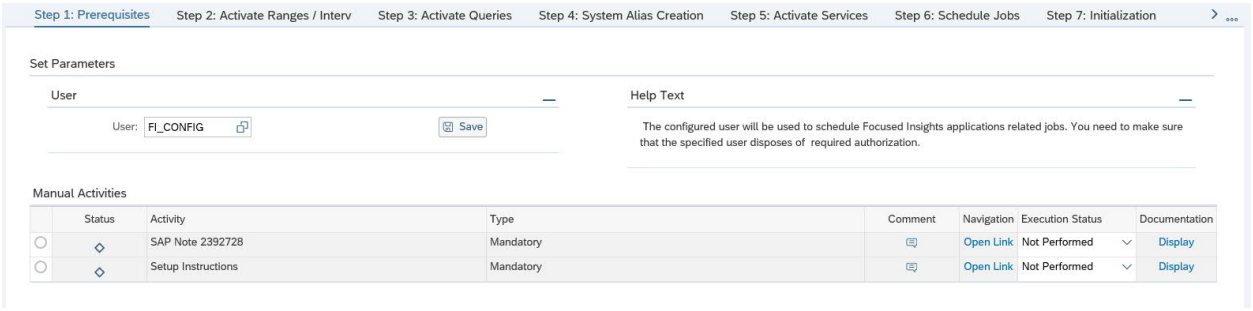
The selected user should have the authorization S_DEVELOP with the following parameters:

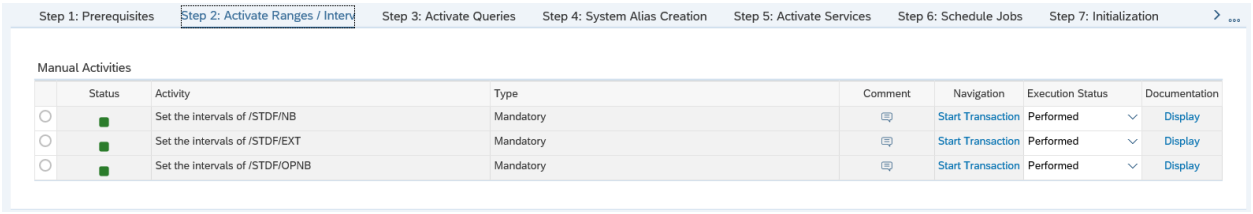
- DEVCLASS' FIELD /stdf/*
- OBJNAME' FIELD /stdf/*
- ACTVT' FIELD 03, MA



7.3.2 Step 2: Activate Range Number Interval

This is a manual activity.

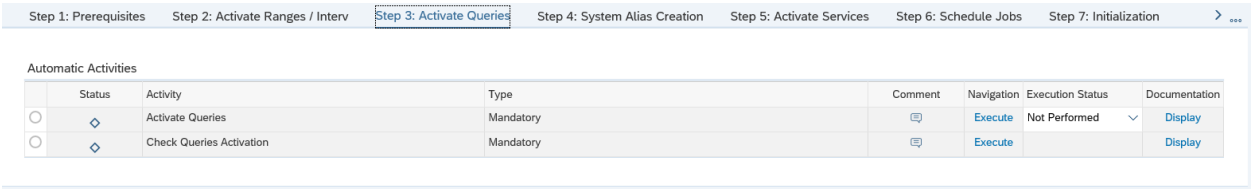
Refer to the related documentation to follow the corresponding instructions.



7.3.3 Step 3: Activate Queries

This is an automatic activity.

Press the *Execute* button to run the corresponding tasks.



In case of checking the queries, activation has not been run successfully and indicates that there are some InfoCubes that need to be activated. You may use the manual activation procedure mentioned in the *Manual Activation* chapter.

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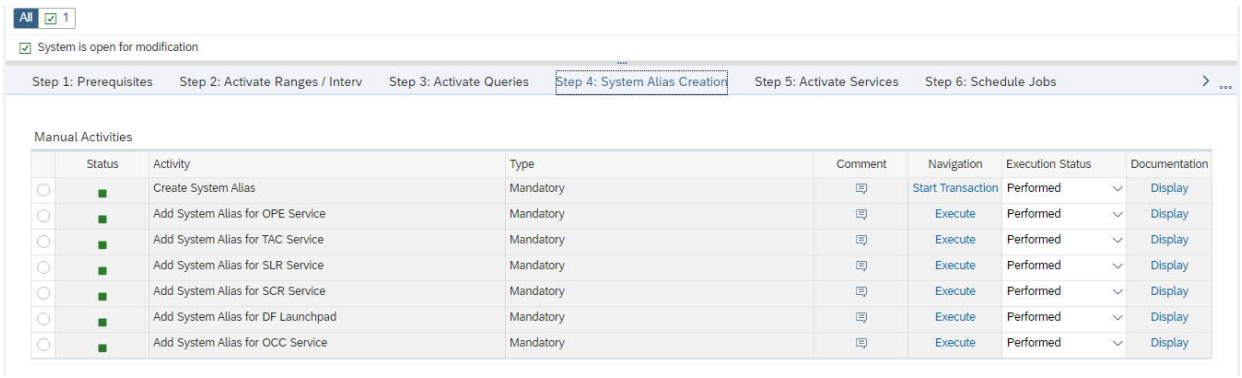
7.3.4 Step 4: System Alias Creation

This is a manual activity.

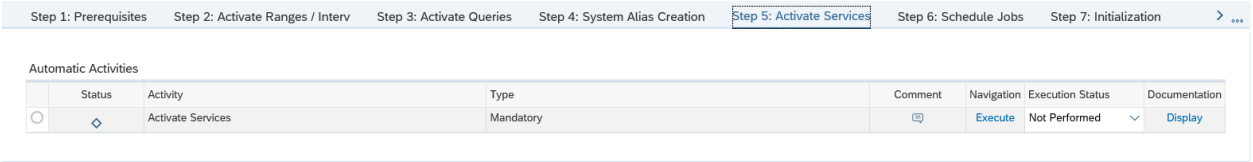
Refer to the related documentation to follow the corresponding instructions.



7.3.5Step 5: Activate Services

This is an automatic activity.

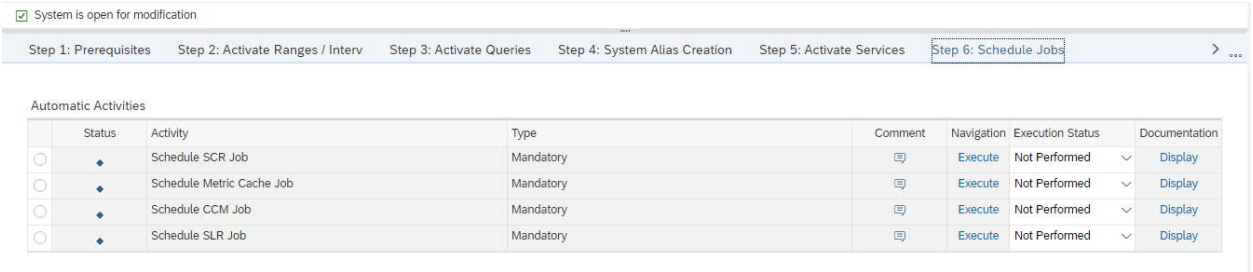
Choose *Execute* to run the corresponding tasks.



7.3.6Step 6: Schedule Jobs

This is an automatic activity.

Choose *Execute* to run the corresponding tasks.



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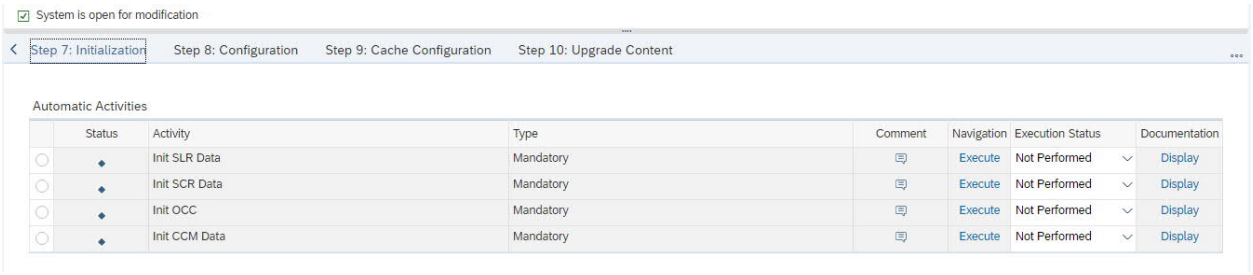
7.3.7 Step 7: Initialization

This is an automatic activity.

Choose *Execute* to run the corresponding tasks to update the initial content for the following dashboards:

- Service Level Report
- Strategic
- OCC
- CCM metrics for the OCC dashboard

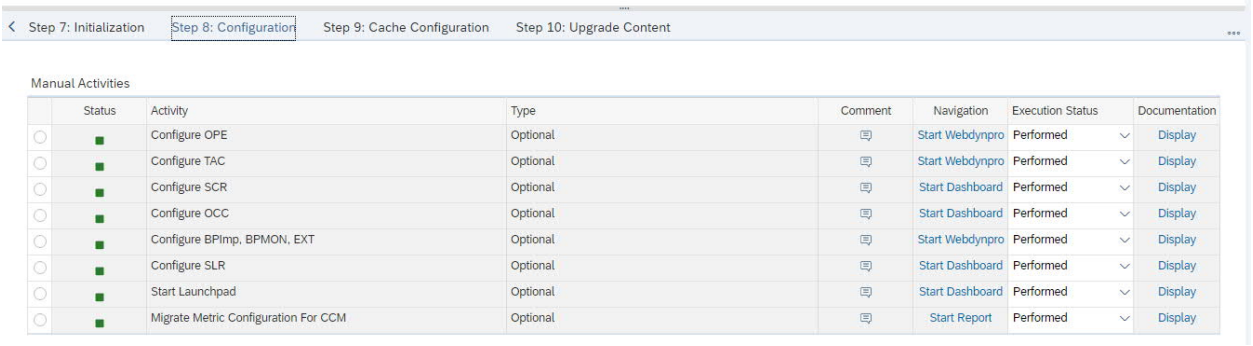


7.3.8 Step 8: Dashboards Instance Configuration

In this step, you can access all Focused Insights configuration applications.

Optionally, you can use the *Focused Insights Launchpad* to access to the same content via the following URL:

http://<solmanhost>:<solmanport>/sap/bc/ui5_ui5/stdf/central/index.html?sap-client={client}



7.3.9 Step 9: Cache Configuration

This feature allows to disable or enable the Focused Insights metrics cache.

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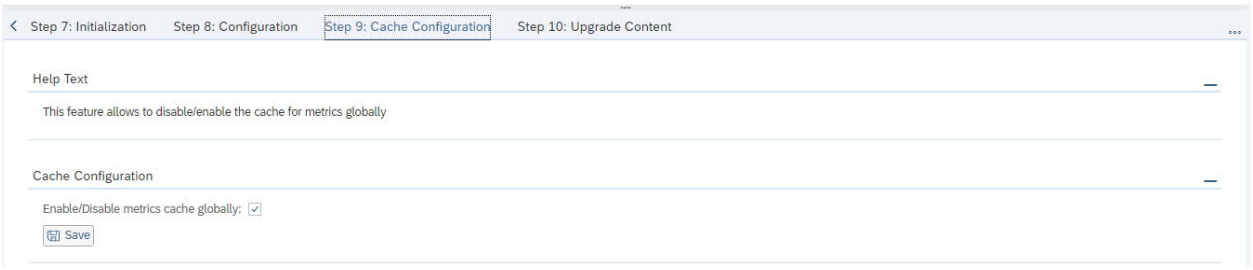
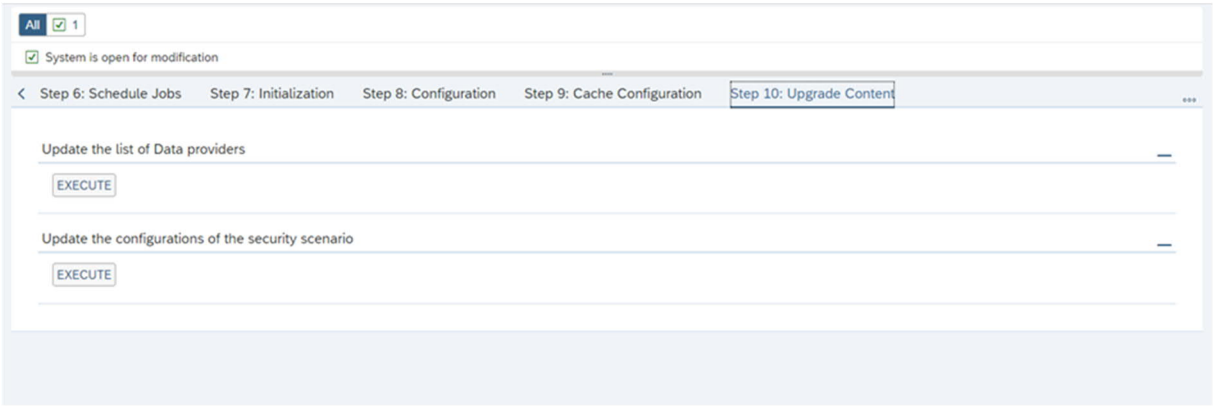


7.3.10 Step 10: Upgrade Content

After each upgrade, the report **/STDF/INSERT_DATA_PROVIDERS** must be run to get the updated list of data providers and renderers in the OCC dashboard.

And a new particularity for this SP is that there is also the report **/STDF/REP_SEC_CONF_MIGRATION** that must be run to keep the configuration of the already configured security scenario instances of the *Tactical Dashboard*.



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8 Manual Activation

8.1 Introduction

This chapter describes the manual activation steps referred in the Focused Insights setup guided procedure.

It covers three areas:

- Number Ranges interval creation
- System alias creation
- Focused Insights launchpad activation

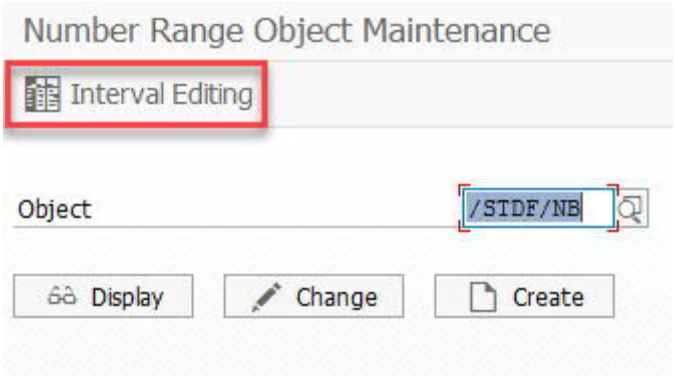
8.2 Steps Description

8.2.1 Number Ranges Interval

Some intervals need to be created for the number range object /STDF/NB.

This can be done executing the following steps:

1. Execute transaction **SNRO**.
2. Select the object */STDF/NB* and choose *Interval Editing*.



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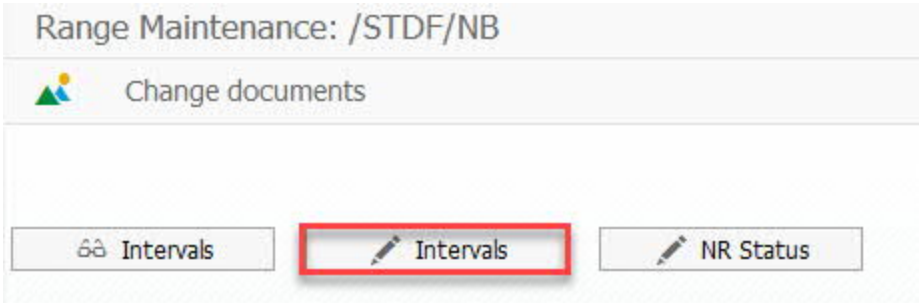
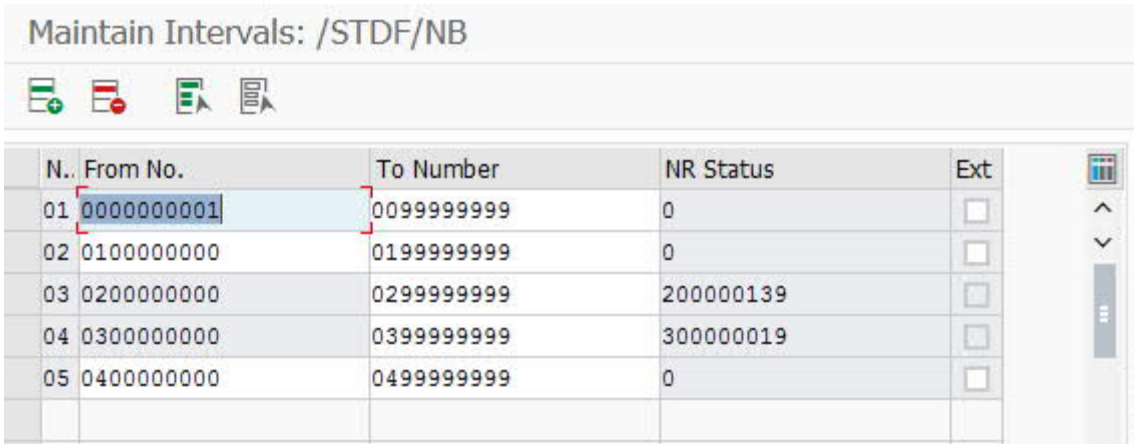
Choose *Intervals* with the edit icon to add the ranges.

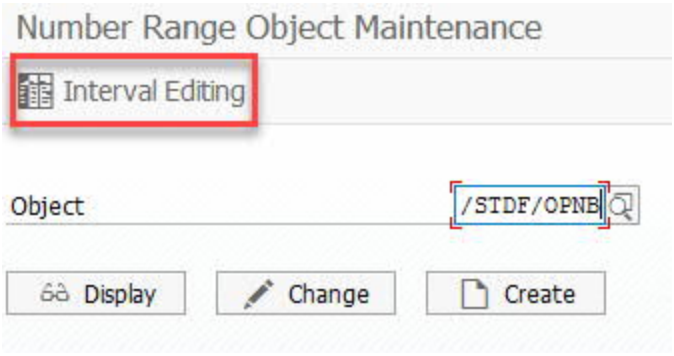


3. Add these intervals.



Repeat the same steps for /STDF/OPNB.

1. Execute transaction **SNRO**.
2. Select the object and choose *Interval Editing*.



3. Choose *Edit Intervals* to edit and add ranges.

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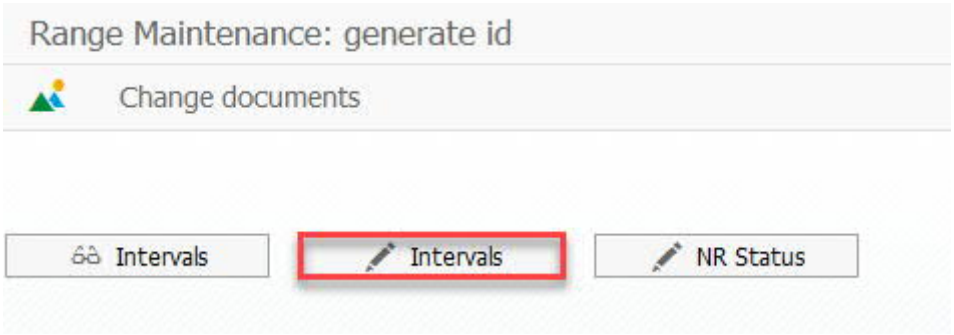
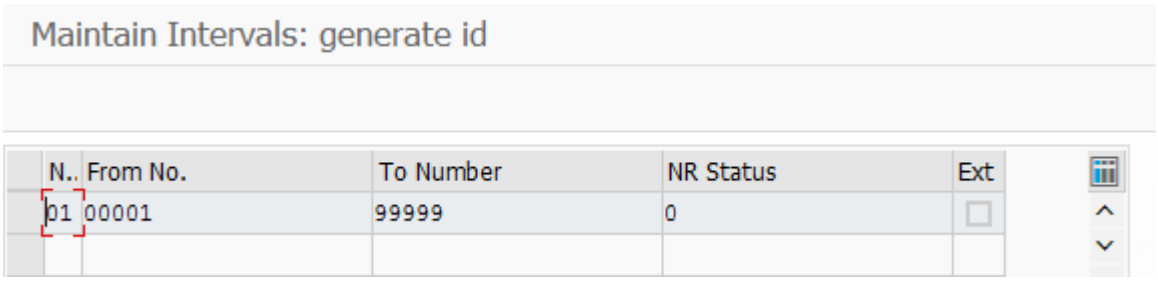
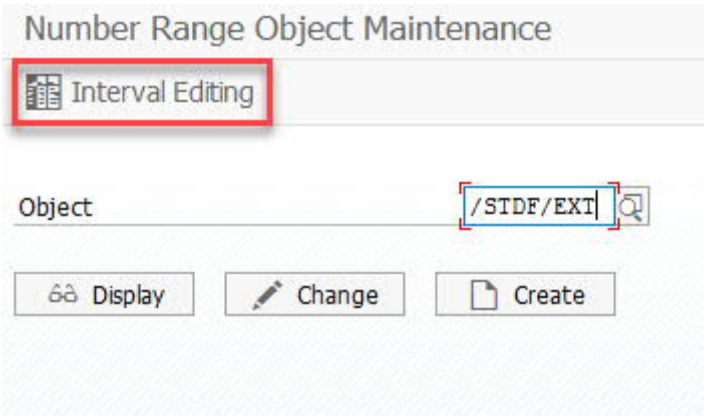


4. Add only this interval (make sure that No. “ID” are two characters long (‘01’,’02’...)).



Repeat the same steps for /STDF/EXT.

1. Go to transaction **SNRO**.
2. Select the object and choose *Interval Editing*.



3. Choose *Edit Intervals* to edit and add ranges.

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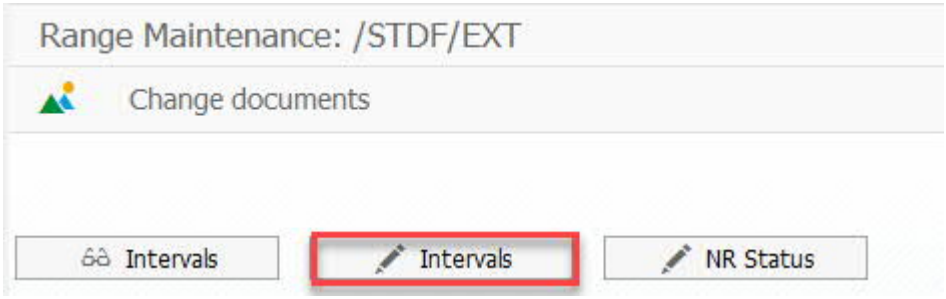
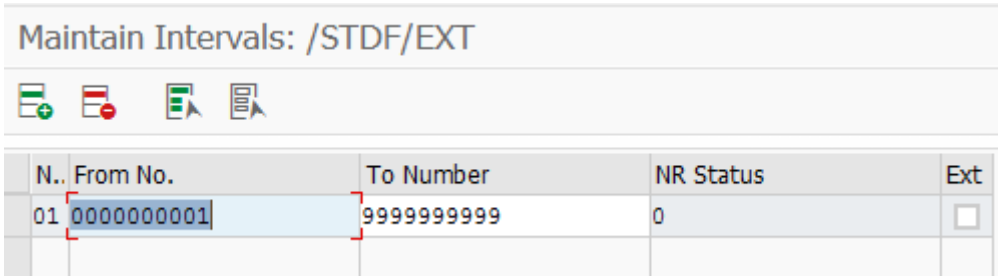


4. Add the intervals.



8.2.2 Queries activation

To activate a cube, the following steps need to be performed:

1. Enter transaction code *RSA1.*
2. Select *BI Content.*
3. Select *InfoProviders* by *InfoAreas.*
4. Click on *Search*.
5. Enter the cube name.
6. Click on *Confirm.*

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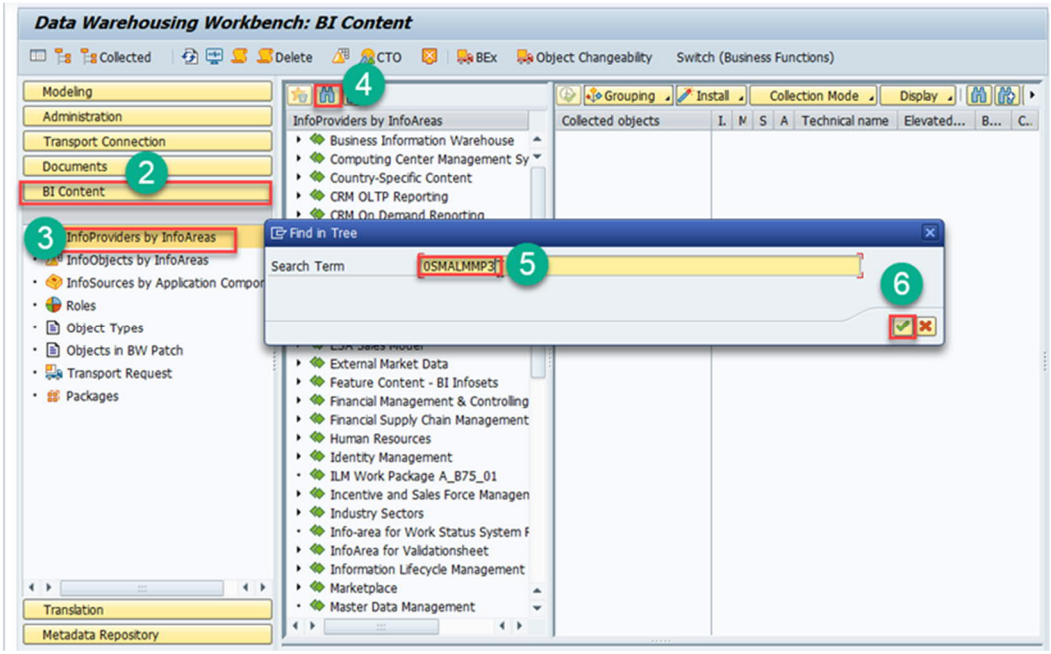
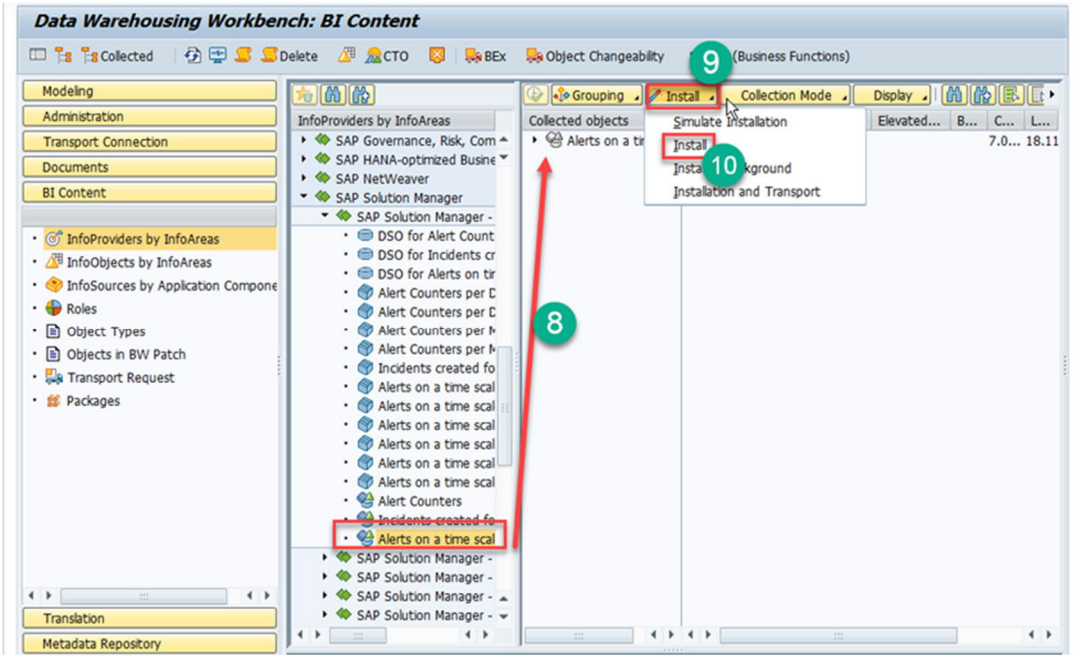


7. Drag and drop the highlighted *InfoProvider* in the next panel.
8. Click on *Install*.
9. Select *Install* or *Install in Background* option.



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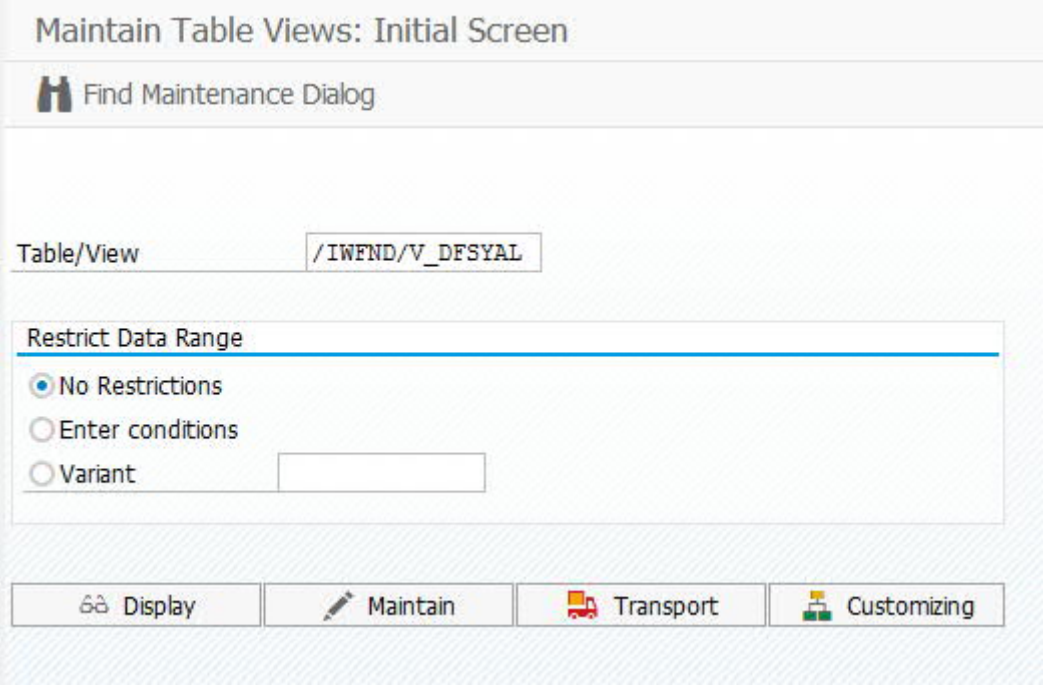
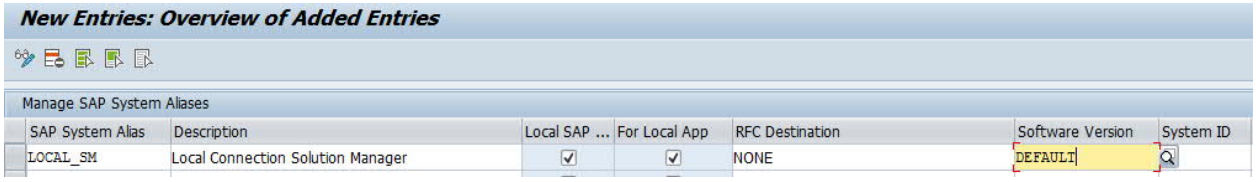
8.2.3 System Alias Creation

A system alias needs to be created to define the NONE RFC destination of your SAP Solution Manager system as the local WS provider system using the local gateway.

1. Execute transaction **SM30** and maintain the /IWFND/V_DFSYAL object.



2. In the new window, choose *New Entries* and use the following values:
   - SAP System Alias: **LOCAL_SM**
   - Local GW: checked
   - RFC Destination: **NONE**
   - Software Version: **DEFAULT**
   - Description: **Local Connection Solution Manager**



8.2.4 SICF Services Activation

Before using the Focused Insights dashboards, the activities described below for the SICF services activation need to be completed for all dashboards.

Three types of services must be activated: Libraries, ODATA and BSP.

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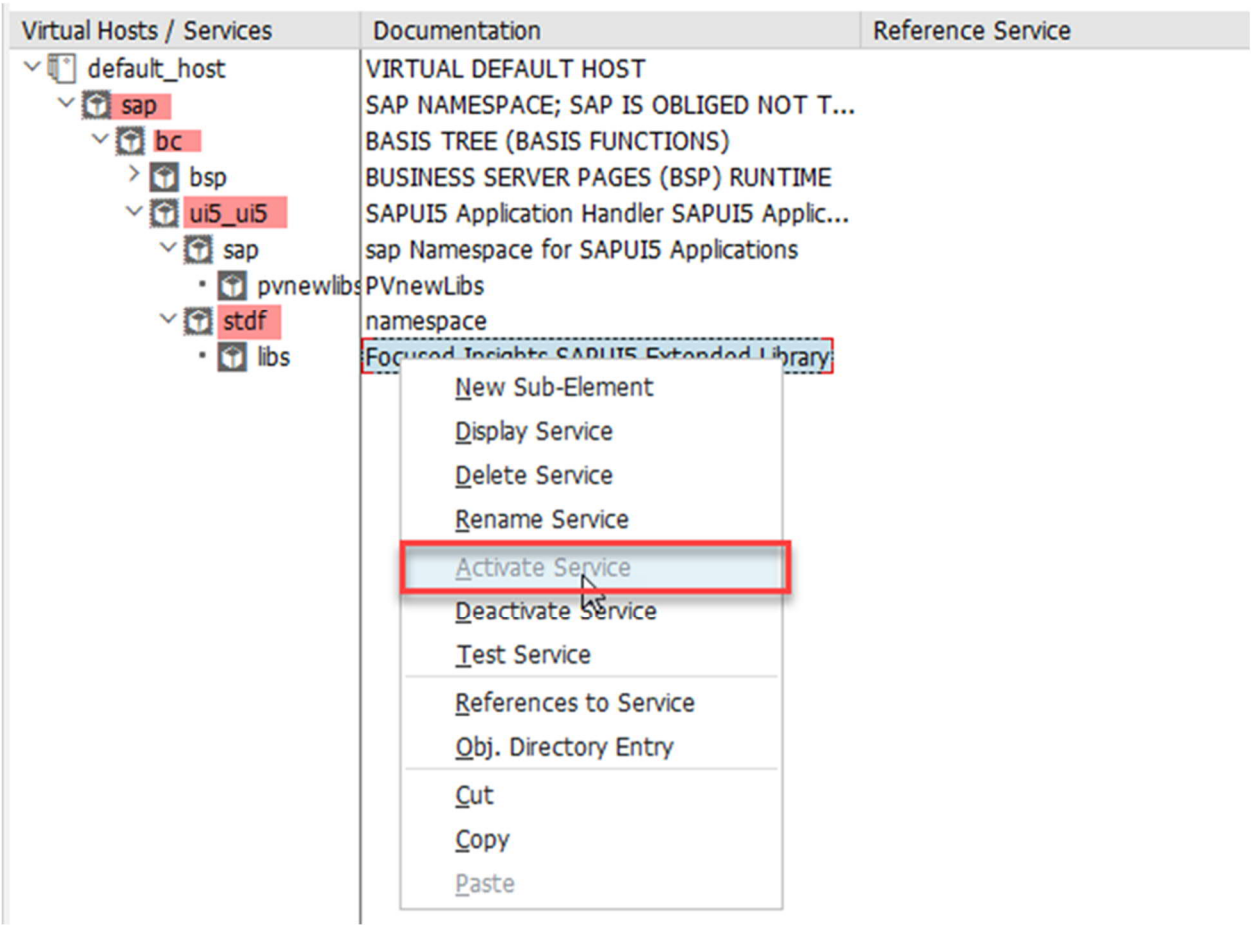
8.2.4.1 Libraries Activation

Repeat the steps below for each Library with selecting each time the corresponding name.

Library Name	SICF nodes
SAPUI5 Libraries	/sap/bc/bsp/stdf/ui5
Focused Insights SAPUI5 Extended Library	/sap/bc/bsp/stdf/libs
Focused Insights SAPUI5 Extended Library	/sap/bc/ui5_ui5/stdf/libs

Execute transaction **SICF** to search/activate the mentioned libraries:



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8.2.4.2 BSP Services Activation

Execute transaction **SICF** to search/activate the mentioned BSP:

Dashboard Name	BSP Applications for unified dashboards
Tactical Dashboard	/sap/bc/bsp/stdf/tac_dash /sap/bc/ui5_ui5/stdf/tac_dash
Operation Dashboard	/sap/bc/bsp/ stdf/ope_dash /sap/bc/ui5_ui5/stdf/ope_dash
Service Level Dashboard	/sap/bc/bsp/ stdf/slr_dash /sap/bc/ui5_ui5/stdf/slr_dash
Strategic Dashboard	/sap/bc/bsp/ stdf/scr_dash /sap/bc/ui5_ui5/stdf/scr_dash
OCC Dashboard	/sap/bc/bsp/ stdf/occ_dash /sap/bc/ui5_ui5/stdf/occ_dash
Launchpad	/sap/bc/ui5_ui5/stdf/central

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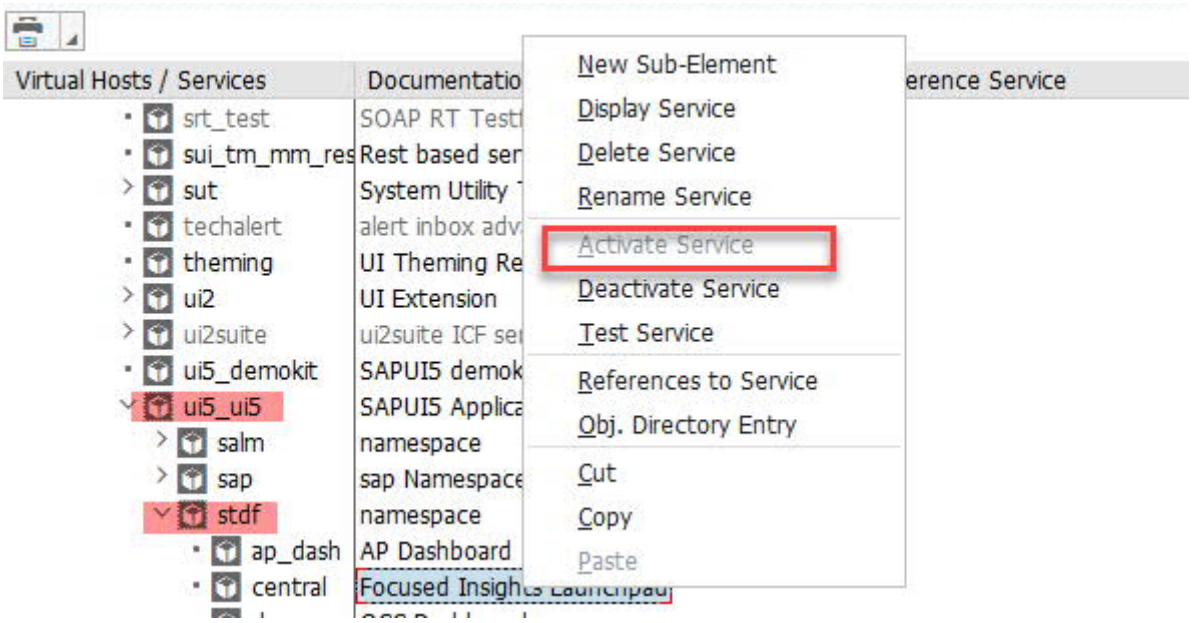

8.2.5 OData Services Activation and Services Aliases Creation

For each table entry provided in the below table, we show the steps to activate the OData service then add its corresponding service alias:

Dashboard Name	Service Name	System Alias Entry	Comments
Tactical Dashboard	/STDF/TAC_SRV	/STDF/TAC_SRV_0001	
Operations Dashboard	/STDF/OPE_SRV	/STDF/OPE_SRV_0001	
Service Level Dashboard	/STDF/SLR_DASH_SERVICE_SRV	/STDF/SLR_DASH_SERVICE_SRV_0001	
Strategic Dashboard	/STDF/SCR_SERVICES	/STDF/SCR_SERVICES_0001	
Focused Insights Launchpad	/STDF/DFL_SERVICE	/STDF/DFL_SERVICE_0001	
OCC Dashboard	/STDF/OCC_SRV	/STDF/OCC_SRV_0001	

1. Execute transaction **`/iwfnd/maint_service`** and select the */STDF/DFL_SERVICE* Service Name:

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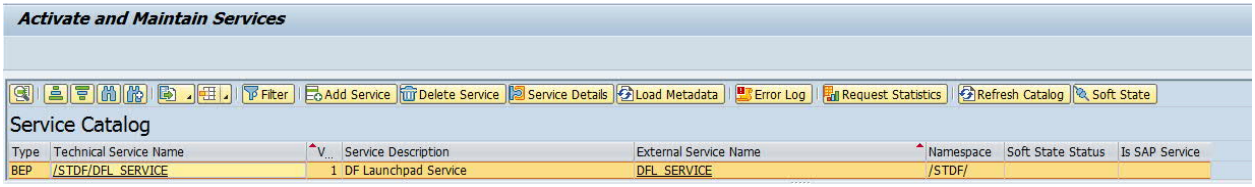
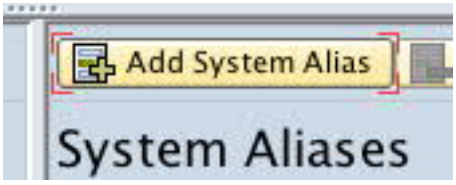
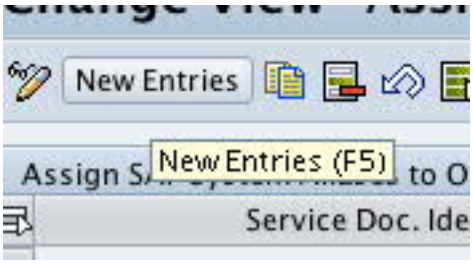


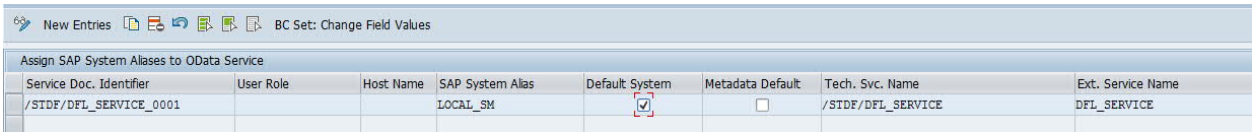
2. Add a system alias.



3. On the next screen, choose *New Entries*.



4. Select the entry */STDF/DFL_SERVICE_0001* and fill in the values as shown below:



5. Save.

Repeat the mentioned steps for each dashboard with selecting each time the corresponding service name and the system alias entry.

Once adding a system alias entry for each dashboard is performed successfully, follow these steps to activate the Odata services:

1. Execute transaction **`/iwfnd/maint_service`** and select the */STDF/DFL_SERVICE* Service Name:

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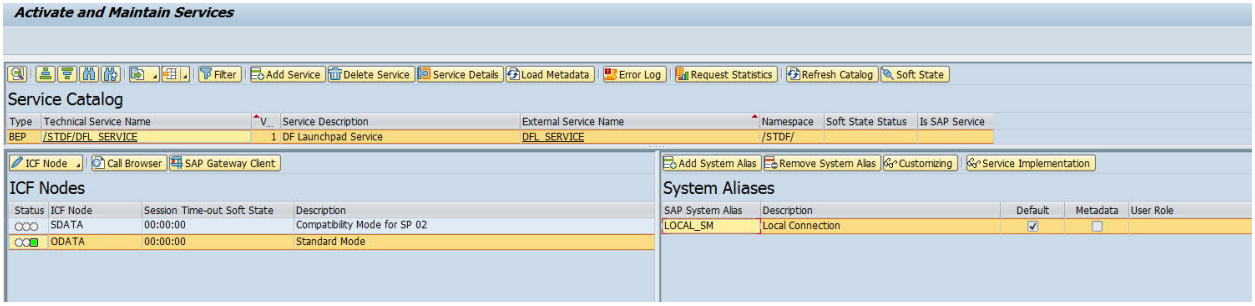
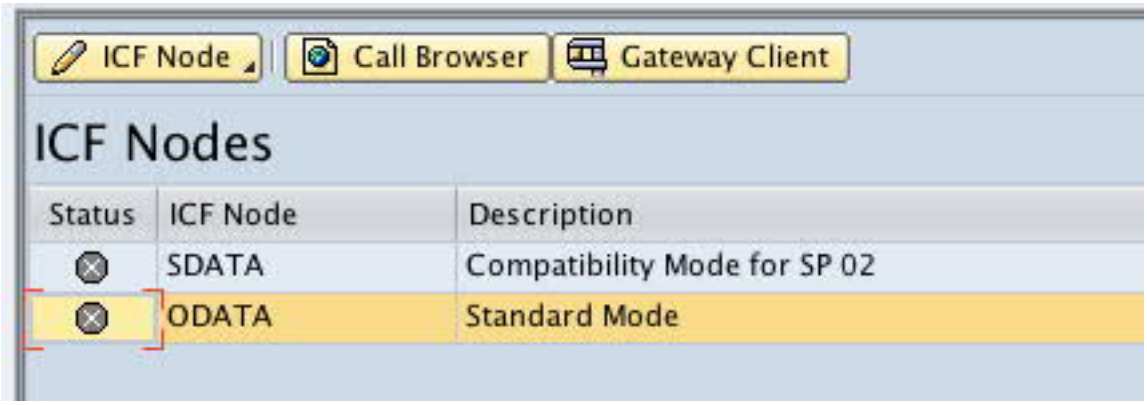
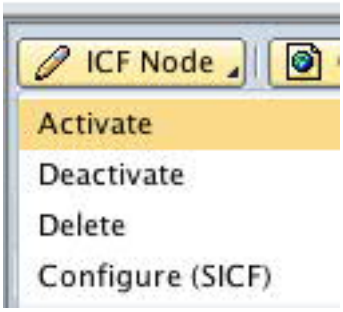
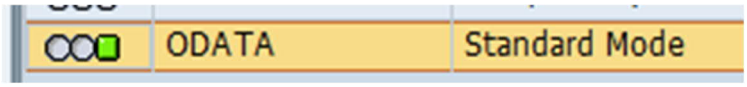


2. Choose the *ODATA* entry and activate it with the *edit ICF Node* button.





As result, the service is activated, and the status should be green.



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9 Focused Insights Launchpad

Focused Insights Launchpad is accessible through the following link: http://<solmanhost>:<solmanport>/sap/bc/ui5_ui5/stdf/central/index.html?

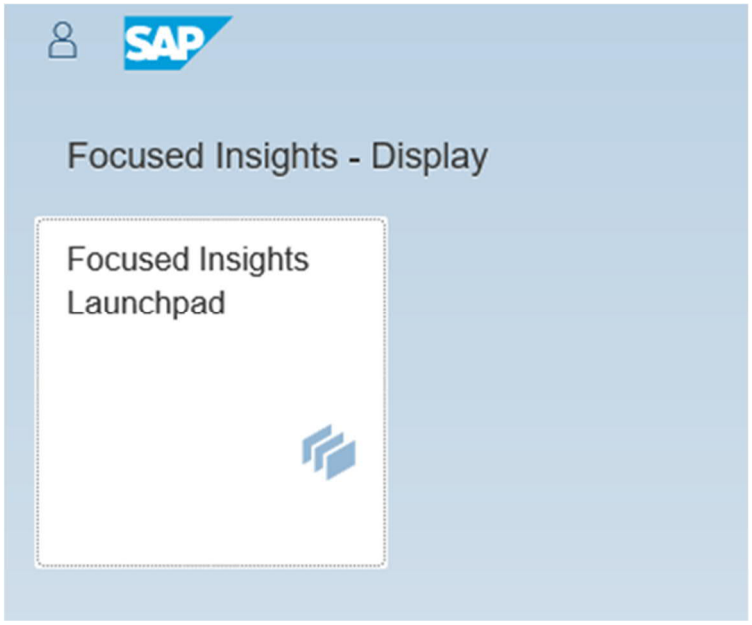
The displayed views depend on the user type: Admin user or Display user.

Starting from SPS 4, the folders support feature is controlled by user authorization objects /STDF/APPC and /STDF/APPD. Please refer to the security guide for further details:
https://help.sap.com/viewer/product/Focused_Build_Focused_Insights → Security Guide for *Implement* → *Focused Insights* → chapter *Detailed Authorization Concept*.

9.1 Focused Insights Launchpad for a display user

For a display user, here are the steps to follow to access the launchpad dashboard:

1. Execute transaction **SM_WORKCENTER**.
2. Click on the displayed tile.



The *Display* user can access to the default page which is called *Dashboards Categories* if no custom page is requested.

A display user has no rights to add, edit and/or delete pages.

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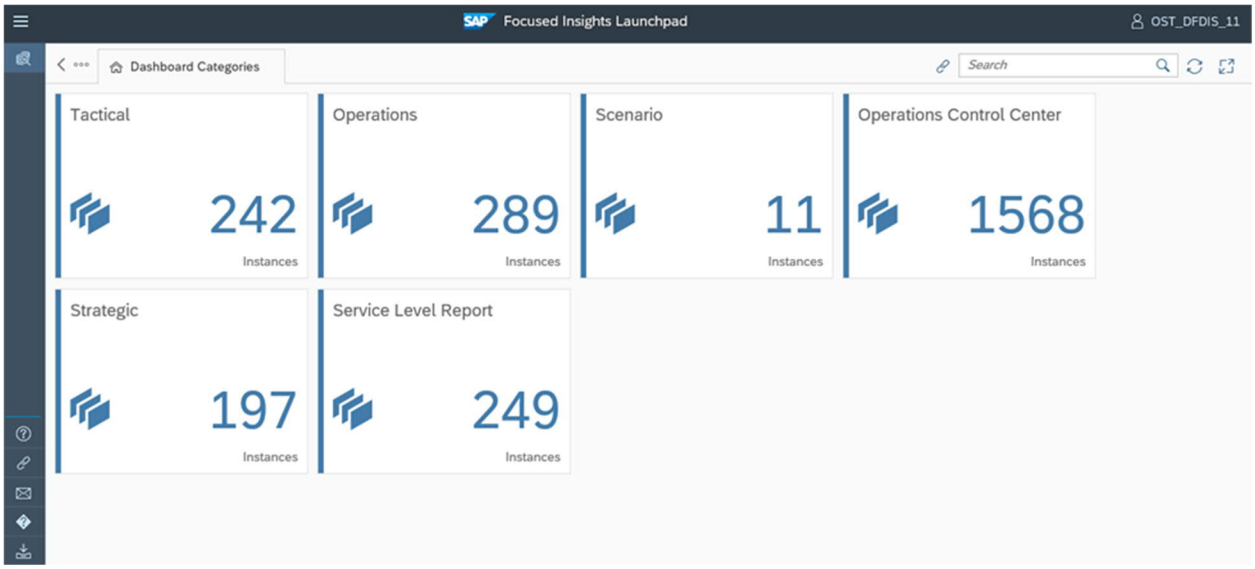


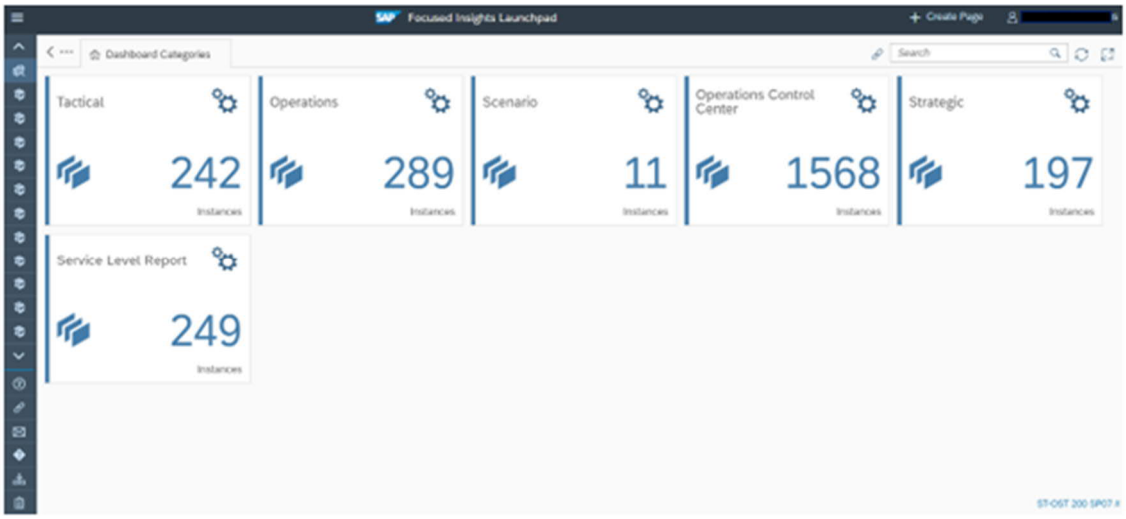
The access to a specified custom page, the user should add the following parameter **pages=<ID>** to the URL as follow:

http://<solmanhost>:<solmanport>/sap/bc/ui5_ui5/stdf/central/index.html?sap-client={client}&pages=<ID>.

9.2 Focused Insights Launchpad Administration

To access to the admin launchpad including the links to the dashboard configuration applications, you need to be an admin user which is managed with the authorization object /STDF/APPC.

The displayed view will be like that:



Please note that the default page of all dashboards is always shown last in the list for Admin users.

An admin user can add, edit, and delete a page.

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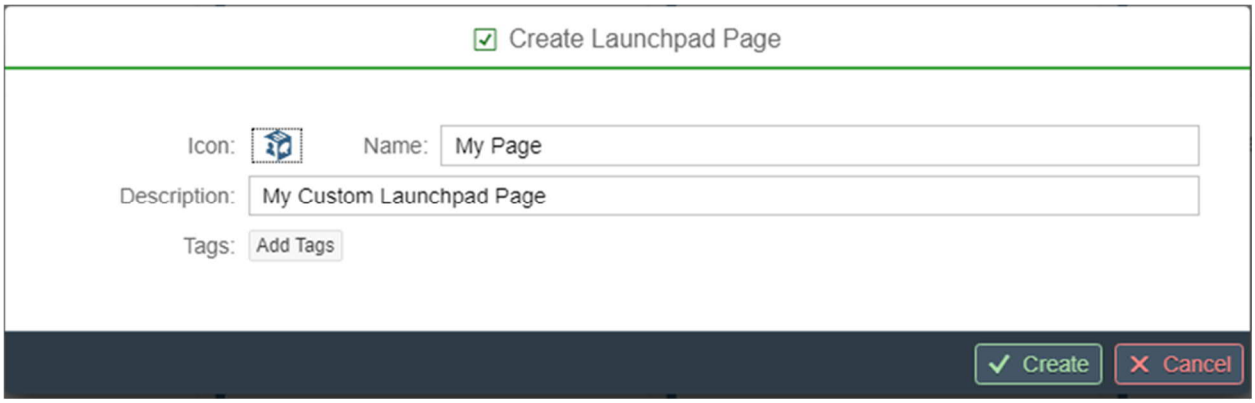
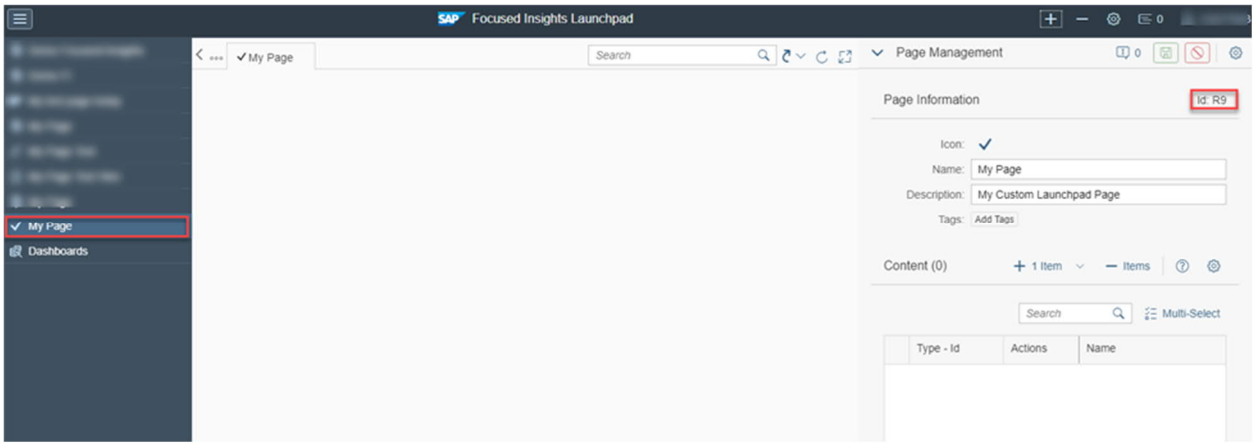
9.2.1 Add a Page

To create a page, please follow the steps below:

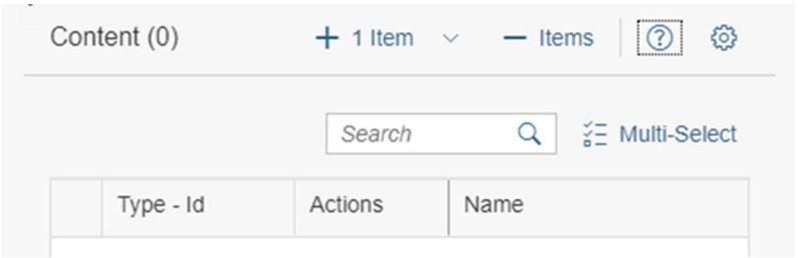
- Click on *Create*.
- Enter the needed info and choose the wanted icon in the opened *Create Launchpad Page* dialog



As consequence, the wanted page will be created and the user can see its ID on the up right of the page



Click on the icons for plus item or minus item to add or delete items



Note

The user can decide the items number to add per click on the plus item button (by default 1 item to insert) by clicking on the setting button under the content tab.

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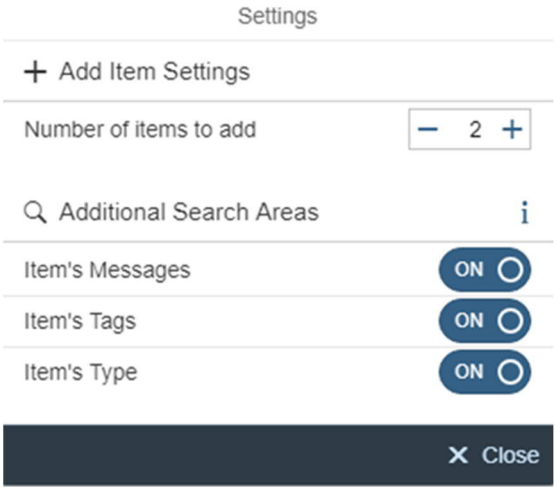
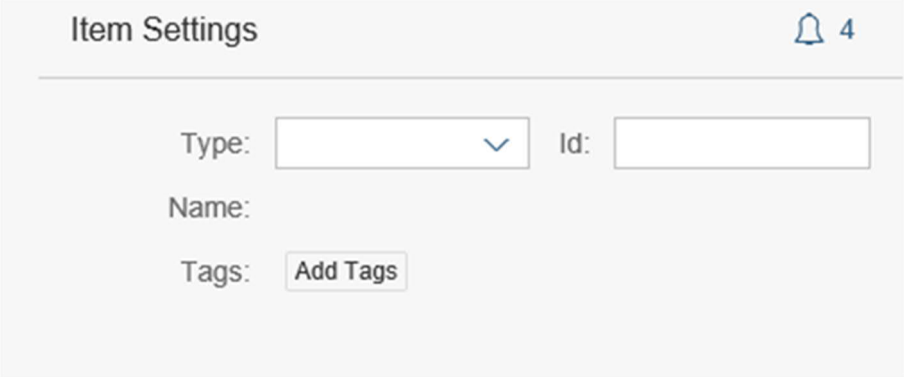


- Select an item from the list to be configured and scroll down to get the item settings section.
- Select the type of the item and enter its ID.



Note

A custom page contains folder and / or dashboard instances. The structure of a page is controlled with a list of items in the edition panel with the following rules:

- Same items are not authorized otherwise an error message showing duplicated instance exists appears.
- Dashboards items should have a type and an ID.
- Items with errors cannot be created or updated.
- Items with warning can be created or updated.
- You need to save for changes to take effect on item.
- Folder type is not editable.

9.2.2 Insert Items Into a Folder

The user can choose to add the items to be created into a folder by following these steps:

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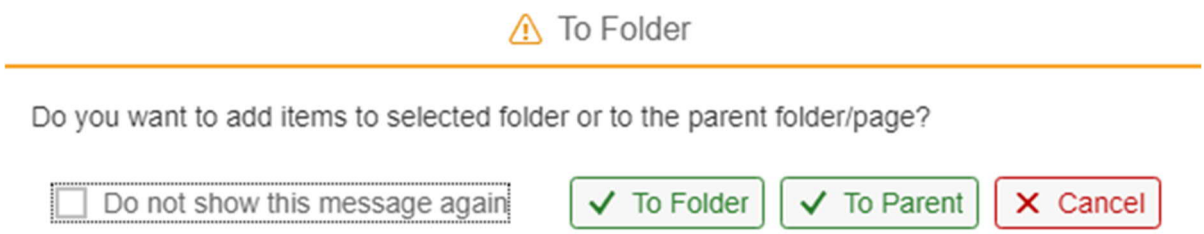
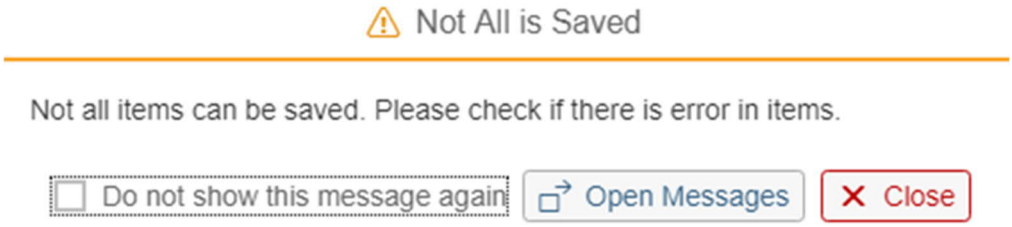
- Create a folder.
- Select the created folder.
- Click on *plus 1 item* to add one item under the selected folder.
- Check that a pop-up is opened, and the user can add the created items either to the selected folder or to the parent folder / page.



At the end, the user clicks *Save* under *Page Management Tab.*

If there are some types not defined or some ID not specified, you see this pop-up



You can click on *Open Messages* to see all the messages and to know what the types or the IDs he need to introduce. Once that is done, you can save the page successfully.

Note

- Folder can contain other folders and / or dashboards instances.
- Cannot move created items into a folder.
- Items can be inserted into a folder upon their creation.

9.2.3 Multi-Carousel

You can display several dashboards instances to a carousel:

- Create a page containing the instances of interest.

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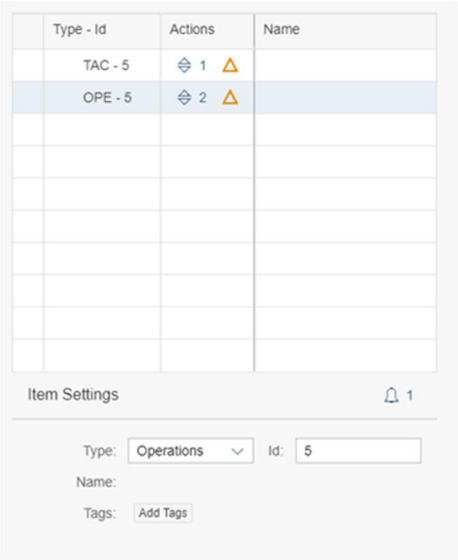
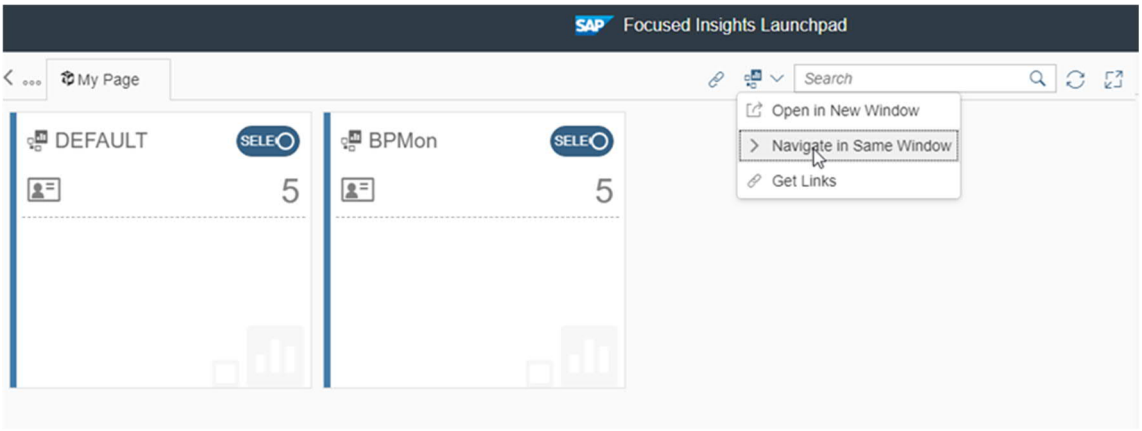


- Select the instances to be displayed.
- Click on *Navigate* in same window option.



- In the *Global Settings* activate the *Auto-switching [...]* option.

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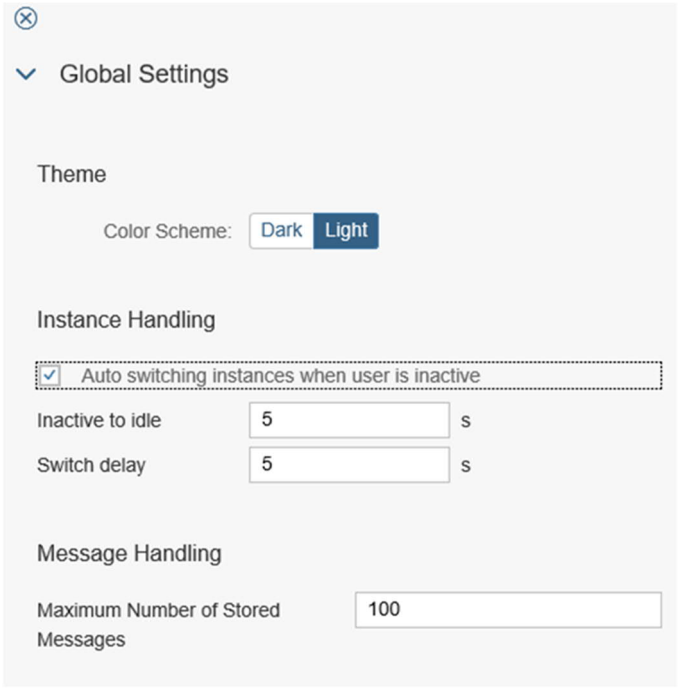

Note that launchpad custom pages do not support auto-switching. Auto-switching is for the dashboard instances opened in-place inside the launchpad application.

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