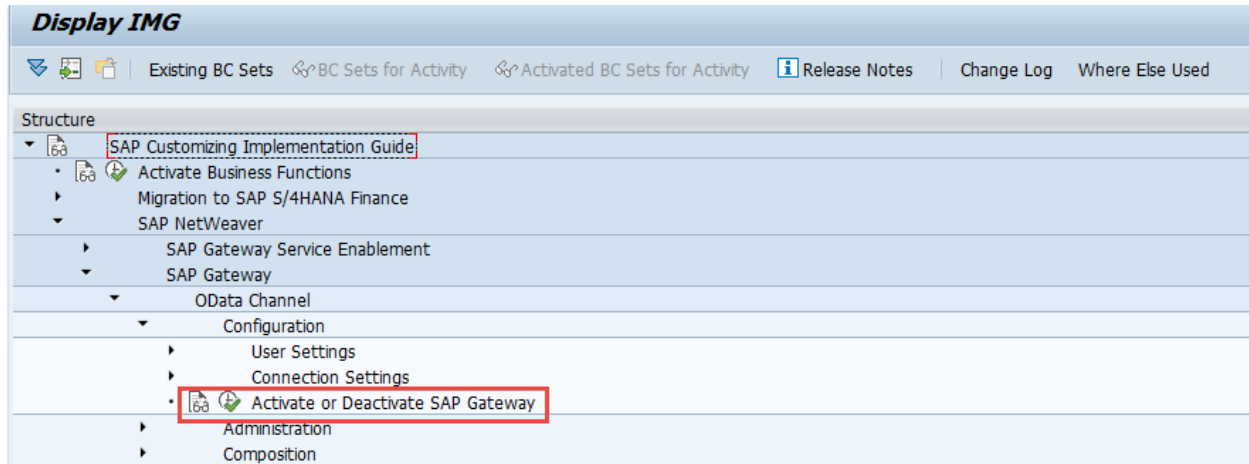# Setup of SAP Fiori Launchpad SAP
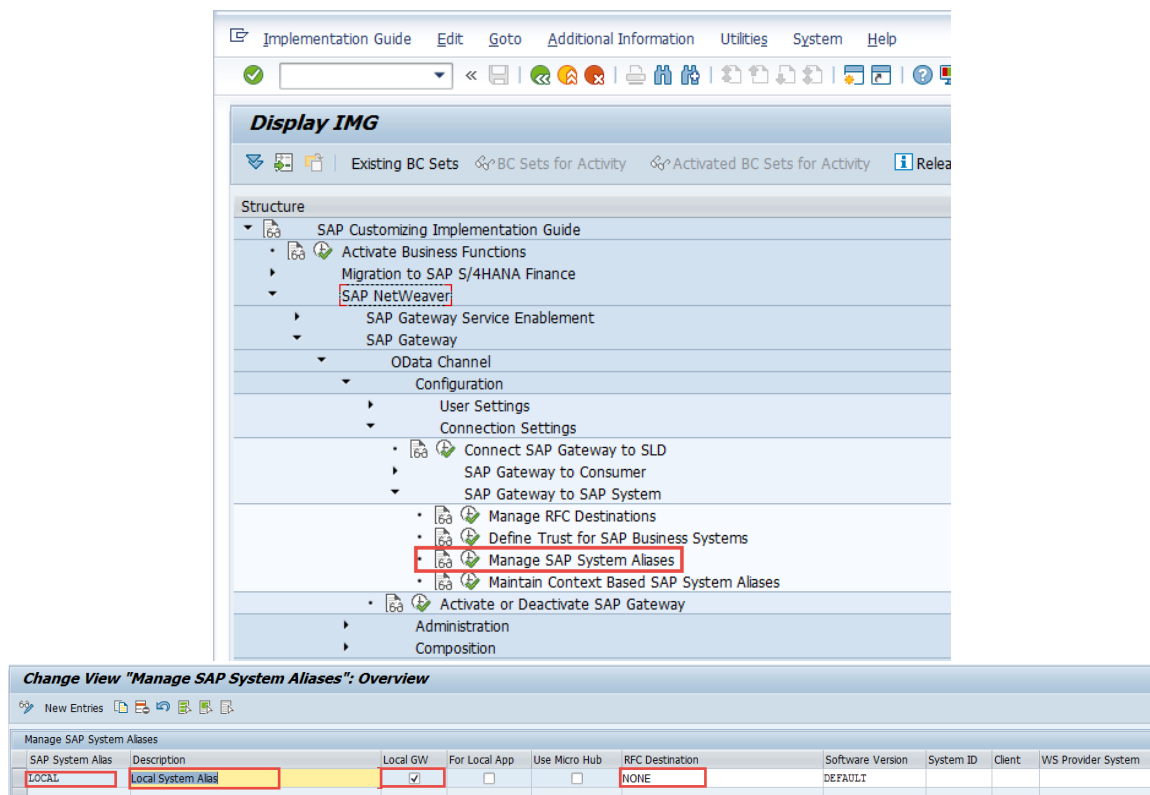
1. Enable Gateway

- Tcode:SPRO
- SAP Reference IMG -> SAP NetWeaver -> SAP Gateway -> OData Channel -> Configuration -> Activate or Deactivate SAP Gateway

2. Enable Fiori Launchpad

2.1. Manage SAP System Aliases

- Tcode: SPRO
- SAP Reference IMG -> SAP NetWeaver -> Gateway -> OData Channel -> Configuration -> Connection Settings -> SAP Gateway to SAP System -> Manage SAP System Aliases

2.2. Activate and maintain services

- Tcode：/N/IWFND/MAINT_SERVICE
- Activating the following services

Using the system alias defined in the Customizing activity Manage SAP System Alias, in Customizing choose   SAP NetWeaver   Gateway   OData Channel   Administration   General Settings   Activate and Maintain Services   and activate the following OData services:

- /UI2/PAGE_BUILDER_CONF -This is used by the launchpad designer.
- /UI2/PAGE_BUILDER_CUST - This is used by the launchpad designer.
- /UI2/PAGE_BUILDER_PERS - This is used by the launchpad.
- /UI2/TRANSPORT- This is used by the launchpad designer.
- /UI2/INTEROP - This is used by the launchpad and launchpad designer.

For information about activating these services, see the SAP Gateway Developer Guide at http://help.sap.com/netweaver   SAP NetWeaver Gateway   Development Information   SAP NetWeaver Gateway Developer Guide   OData Channel   Basic Features   Service LifeCycle   Activate and Maintain Services .

If test the odata with 403 error

Transaction Code STC01

Task list Tasks in MF1 configuration guide

1 SAP_GATEWAY_BASIC_CONFIG ▯ Activate Gateway and UI5 Services ▯ Activation of SAP NetWeaver Gateway

2 SAP_FIORI_LAUNCHPAD_INIT_SETUP ▯ Add Gateway and UI5 Services ▯ Activate Gateway and UI5 Services

3 SAP_SAP2GATEWAY_TRUSTED_CONFIG ▯ Creating trusted RFC to each Backend System

4 SAP_GATEWAY_ADD_SYSTEM ▯ Creating trusted RFC to each Backend System ▯ Creating the SAP System Alias for Applications

Task Manager for Technical Configuration

Task List: SAP_GATEWAY_BASIC_CONFIG | SAP Gateway - Basic Configuration

Display Task List Run SAP_GATEWAY_BASIC_CONFIG_20180105055805133

Task List: SAP_GATEWAY_BASIC_CONFIG | SAP Gateway - Basic Configuration
Task List Run: SAP_GATEWAY_BASIC_CONFIG_20180105055805133

E..	C..	S..	L..	Phase	Comp.	Task Description	H..	P..	Parameter Description
☐	✔	🟩	📜	Configuration	SICF	Activate HTTP Services for NW Gateway (SICF)	📖		
☐	✔	🟩	📜	Configuration	GATEWAY	Gateway Activation (/IWFND/IWF_ACTIVATE)	📖		
☐	✔	🟩	📜	Configuration	GATEWAY	Metadata Cache Activation (/IWFND/MED_ACTIVATE)	📖		
☐	✔	🟩	📜			Report /IWFND/R_COF_VIRUS_PROFILE - SAP Gateway Virus Scan Profile Configuration		📖	
☐	✔	🟩	📜	Configuration	GATEWAY	Configuration Parallelization of Batch Queries (/IWBEP/BATCH_CONFIG)	📖	📖	
☐	✔	🟩	📜	Cleanup	GATEWAY	Gateway Metadata Cache Cleanup (/IWFND/CACHE_CLEANUP)	📖		
☐	✔	🟩	📜	Cleanup	GATEWAY	OData Metadata Cache Cleanup (/IWBEP/CACHE_CLEANUP)	📖		

2.3. Activate SICF Services for SAP Fiori Launchpad
- Tcode: SICF
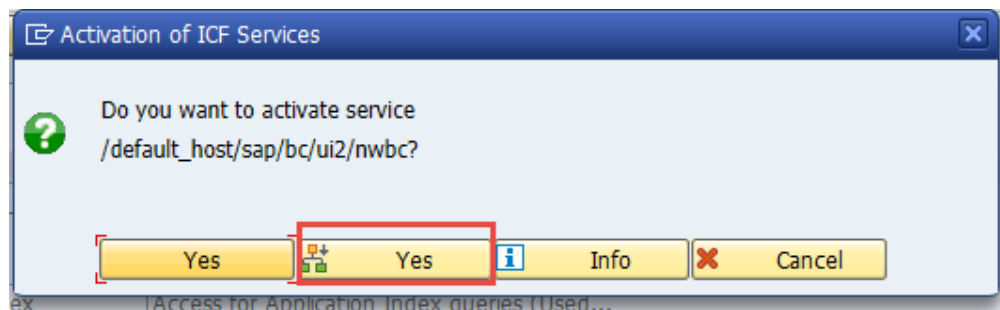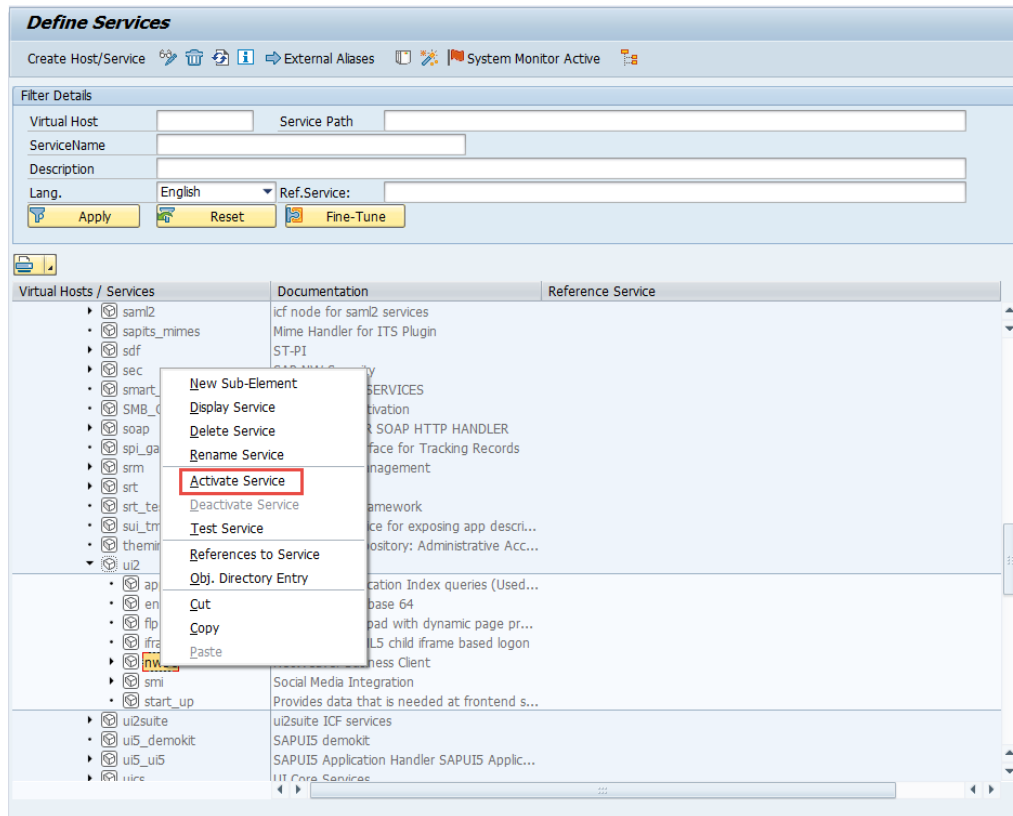- Activate the services under the following subtrees
  - /default host/sap/bc/ui2/nwbc/
  - /default_host/sap/bc/ui2/start_up
  - /default_host/sap/bc/ui5_ui5/sap/ar_srvc_launch
  - /default_host/sap/bc/ui5_ui5/sap/ar_srvc_news
  - /default_host/sap/bc/ui5_ui5/sap/arsrvc_upb_admn
  - /default_host/sap/bc/ui5_ui5/ui2/ushell
  - /default_host/sap/public/bc/ui2
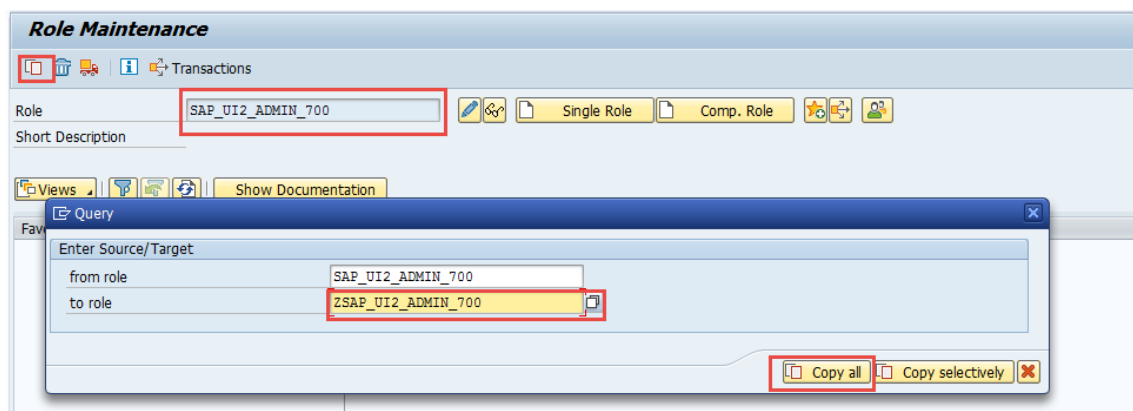 - /default_host/sap/public/bc/ui5_ui5

Define Services

Create Host/Service | ⚙ 🗑 ⟳ ℹ ⇨ External Aliases | 📋 🔧 |🏳 System Monitor Active 🔲

Filter Details

Virtual Host		Service Path	
ServiceName			
Description			
Lang.	English ▾	Ref.Service:	

🏳 Apply | ⟲ Reset | 🔍 Fine-Tune

Virtual Hosts / Services	Documentation	Reference Service
▸ 🔯 saml2	icf node for saml2 services	
• 🔯 sapits_mimes	Mime Handler for ITS Plugin	
▸ 🔯 sdf	ST-PI	
▸ 🔯 sec	SAP NW Security	

New Sub-Element
Display Service
Delete Service
Rename Service
Activate Service
Deactivate Service
Test Service
References to Service
Obj. Directory Entry
Cut
Copy
Paste

	SERVICES
• 🔯 smart_	tivation
• 🔯 SMB_	
▸ 🔯 soap	SOAP HTTP HANDLER
• 🔯 spi_ga	face for Tracking Records
▸ 🔯 srm	nagement
▸ 🔯 srt	
• 🔯 srt_te	amework
• 🔯 sui_tm	ce for exposing app descri...
• 🔯 themi	ository: Administrative Acc...
▾ 🔯 ui2	
• 🔯 ap	cation Index queries (Used...
• 🔯 en	base 64
• 🔯 flp	pad with dynamic page pr...
• 🔯 ifra	L5 child iframe based logon
▸ 🔯 nw	ness Client
• 🔯 smi	Social Media Integration
• 🔯 start_up	Provides data that is needed at frontend s...
▸ 🔯 ui2suite	ui2suite ICF services
• 🔯 ui5_demokit	SAPUI5 demokit
▸ 🔯 ui5_ui5	SAPUI5 Application Handler SAPUI5 Applic...
▸ 🔯 uics	UI Core Services

☞ **Activation of ICF Services** ✕

❓ Do you want to activate service
/default_host/sap/bc/ui2/nwbc?

Yes | 🔀 Yes | ℹ Info | ✖ Cancel

ex |Access for Application Index queries (Used...

2.4. Assign Administrator Role for SAP Fiori Launchpad to Administrator User
   ✚ Tcode：PFCG
   ✚ Copy the role

Role Maintenance

📋 🗑 🖥 | ℹ ⟳ Transactions

Role	SAP_UI2_ADMIN_700	✏🔍 📄 Single Role 📄 Comp. Role ⭐📤 👥
Short Description		

📋 Views ▾ | 🏳 🖥 ⟳ | Show Documentation

☞ **Query** ✕

Enter Source/Target

from role	SAP_UI2_ADMIN_700	
to role	ZSAP_UI2_ADMIN_700	🔲

📋 Copy all 📋 Copy selectively ✖

Role Maintenance

🗋 🗑 🖨 | ℹ️ 🖳 Transactions

| Role | ZSAP_UI2_ADMIN_700 | ✏️ 🔧 | 🗋 Single Role | 🗋 Comp. Role | ⭐ 🔁 | 👥 |
| Short Description | Administration tasks of UI technologies starting SAP NetWeaver 7.00 |

🖿 Views ◢ | 🔽 🔁 🔄 | Show Documentation

Favorites	Description	Target Sys

Change Roles

🔧 🗂 Other role | 📋 Inheritance | ℹ️

Role

Role	ZSAP_UI2_ADMIN_700	☐ Obsolete
Description	Administration tasks of UI technologies starting SAP NetWeaver 7.00
Target System		🟩 No destination

🔍 Description | 🟩 Menu | 🔴 Workflow | 🔴 Authorizations | 🔴 User | MiniApps | 🖳 Personalization

🖳 📁 🗋 🔽 🔼 🖳 Transaction ◢ 🔲 🖿 ◢ | 🔍 🔍 🖳 | 🔍 🖨 🖳 ℹ️ | 🔍 From Menus ◢ | Additional Activities ◢ 🖳 Other Node Details | Menu Options

Hierarchy

- ▼ 📁 Role Menu
  - • ⬡ Global Invalidation of UI2 chaches
  - • ⬡ UI2 Setup User Feedback Service
  - • 🔖 R3TR IWSV /UI2/INTEROP   0001
  - • 🔖 R3TR IWSV /UI2/TRANSPORT   0001
  - • 🔖 R3TR IWSV /UI2/LAUNCHPAD   0001
  - • 🔖 R3TR IWSV /UI2/PAGE_BUILDER_CONF   0001
  - • 🔖 R3TR IWSV /UI2/PAGE_BUILDER_CUST   0001
  - • 🔖 R3TR IWSV /UI2/PAGE_BUILDER_PERS   0001
  - • 🔖 Cleanup Personalisatation Service
  - • 🔖 Transport Organizer
  - • 🔖 Application Log: Display Logs

Node Details

Type	
Object	
Text	

Change Roles

🔧 🗂 Other role | 📋 Inheritance | ℹ️

Role

Role	ZSAP_UI2_ADM
Description	Administration t
Target System	

🔍 Description | 🟩 Menu | 🔴 | Apps | 🖳 Personalization

🖳 📁 🗋 🔽 🔼 🖳 Transaction | om Menus ◢ | Additional Activities ◢ 🖳 Other Node Details | Menu Options

Hierarchy

- ▼ 📁 Role Menu
  - • ⬡ Global Invalidation of UI2 chac
  - • ⬡ UI2 Setup User Feedback Ser
  - • 🔖 R3TR IWSV /UI2/INTEROP
  - • 🔖 R3TR IWSV /UI2/TRANSPORT
  - • 🔖 R3TR IWSV /UI2/LAUNCHPAD
  - • 🔖 R3TR IWSV /UI2/PAGE_BUILD
  - • 🔖 R3TR IWSV /UI2/PAGE_BUILD
  - • 🔖 R3TR IWSV /UI2/PAGE_BUILD
  - • 🔖 Cleanup Personalisatation Serv
  - • 🔖 Transport Organizer
  - • 🔖 Application Log: Display Logs

Menu dropdown list:
- Report
- **Authorization Default**
- Web Dynpro Application
- BSP Application
- SAP Fiori Tile Group
- SAP Fiori Tile Catalog
- BEx Web Item
- BEx Web Template
- External mail system
- FLP_APP_PROVIDER
- Generic Web Address (URL Template)
- Knowledge Warehouse
- LaunchPad Reference
- Predefined URLs from directory
- SAP BW Crystal Report URL
- SAP BW Enterprise Report
- SAP BW InfoSet Query URL
- SAP BW Query URL
- SAP BW Web Item Library URL
- SAP BW Web Template URL
- SAP BW Aggregation Level
- SAP BW Data Access Service
- SAP BW Enterprise Report Reusable Elemen
- SAP BW Planning Function
- SAP BW Planning Sequence
- SAP UCON Communication Assembly
- SAP Xcelcius Dashboard
- SAPScript (Texts defined with SE61)
- View for a Data Provider
- Web Source from DragRelate Servlet
- Web address or file
- WebClient Application

Node Details

Type	
Object	
Text	

SAP

Change Roles

👓 🔐 Other role	🗔 Inheritance	ℹ️

Service ✕

Authorization Default	TADIR Service ▾
Program ID	R3TR
Obj. Type	IWSG SAP Gateway: Service Groups Metadata ▾

TADIR Service	Text	🔲
		▲
		▼

Menu Options

Change Roles

👓 🔐 Other role	🗔 Inheritance	ℹ️

Service

Authorization Default	TADIR Service ▾
Program ID	R3TR
Obj. Type	IWSG SAP Gateway: Service Groups Metadata ▾

TADIR Service	Text	🔲

Object Name 10 Entries ✕

	PgID	Obj.	Object Name
☐	R3TR	IWSG	/IWFND/SG_MED_CATALOG_0002
☐	R3TR	IWSG	ADT_0001
☐	R3TR	IWSG	DAAG_MNGGRP_0001
☐	R3TR	IWSG	DAAG_MONOBJ_0001
☐	R3TR	IWSG	EPM_OIA_BPFACTSHEET_SRV_0001
☑	R3TR	IWSG	ZINTEROP_0001
☑	R3TR	IWSG	ZPAGE_BUILDER_CONF_0001
☑	R3TR	IWSG	ZPAGE_BUILDER_CUST_0001
☑	R3TR	IWSG	ZPAGE_BUILDER_PERS_0001
☑	R3TR	IWSG	ZTRANSPORT_0001

✓ 📑 📑 🔻 🔍 ✖

✓ Copy	📑 📑 📑 📄 📄	✖

Change Roles

Other role | Inheritance | ℹ️

Role

Role	ZSAP_UI2_ADMIN_700	☐ Obsolete
Description	Administration tasks of UI technologies starting SAP NetWeaver 7.00	
Target System		🟩 No destination

Description | 🟩 Menu | 🔴 Workflow | 🔴 **Authorizations** | 🔴 User | MiniApps | Personalization

Created		Last Changed		ℹ️
User		User		
Date		Date		
Time	00:00:00	Time	00:00:00	

Information About Authorization Profile

Profile Name		
Profile Text		
Status	No authorization data exists	

Edit Authorization Data and Generate Profiles

✏️ Change Authorization Data

🔎 Expert Mode for Profile Generation

Change Roles

Other role | Inheritance | ℹ️

Role

Role	ZSAP_UI2_ADMIN_700	☐ Obsolete
Description	Administration tasks of UI technologies starting SAP NetWeaver 7.00	
Target System		🟩 No destination

Description | 🟩 Menu | 🔴 Workflow | 🔴 Authorizations | 🔴 User | MiniApps | Personalization

Created		Last Changed		ℹ️
User		User		
Date		Date		
Time	00:00:00	Time	00:00:00	

Information About Authorization Profile

Profile Name	T-S4160002 🗑️	
Profile Text	Profile for role ZSAP_UI2_ADMIN_700	
Status	No authorization data exists	

Edit Authorization Data and Generate Profiles

✏️ Change Authorization Data

🔎 Expert Mode for Profile Generation

2.5. Assign Role with Launchpad Start Authorization for End Users

+ Tcode: SU01
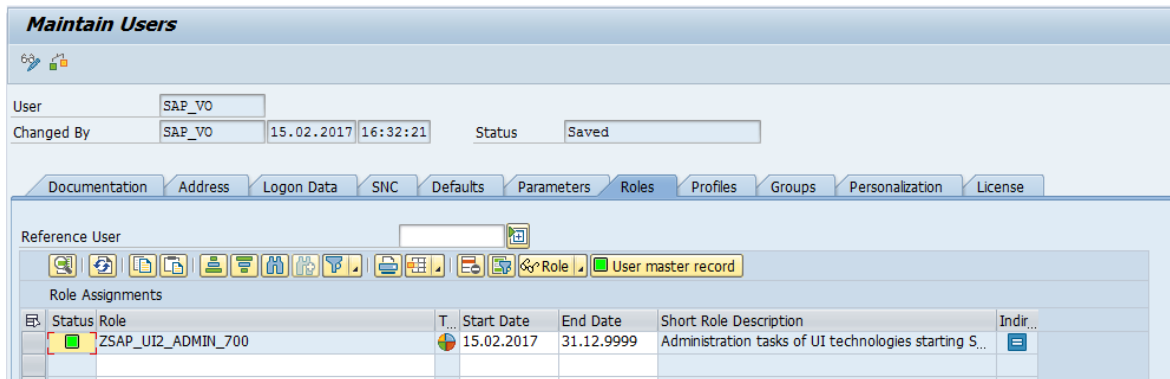
2.6. Service and port config

Tcode: SMICM

If there is no http and https service and port and now service and add the host name to the file C:\Windows\System32\drivers\etc\hosts
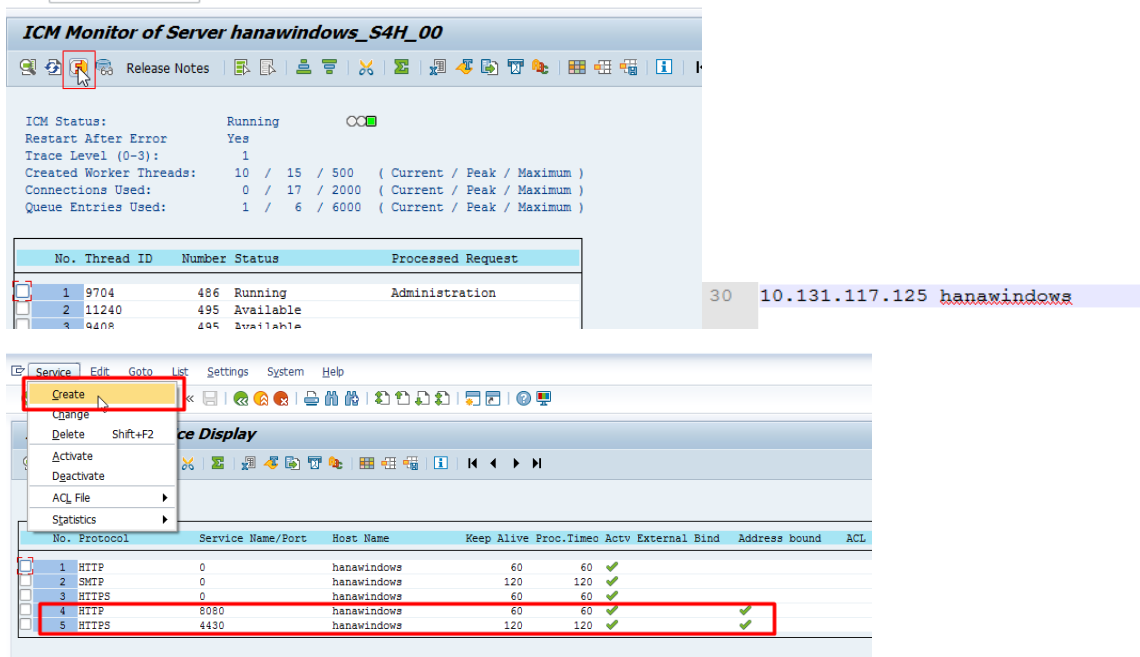
2.7. Ass configure Fiori Login
+ Login Page Configuration:

The Fiori Launchpad is the landing page for Fiori applications. As with the portal, the user has to pass through the login page. The standard solution offers a basic login page.

```
Logon
 | User *               [          ]
 | Password *           [          ]
                        [ Log On ]

 Change Password
```
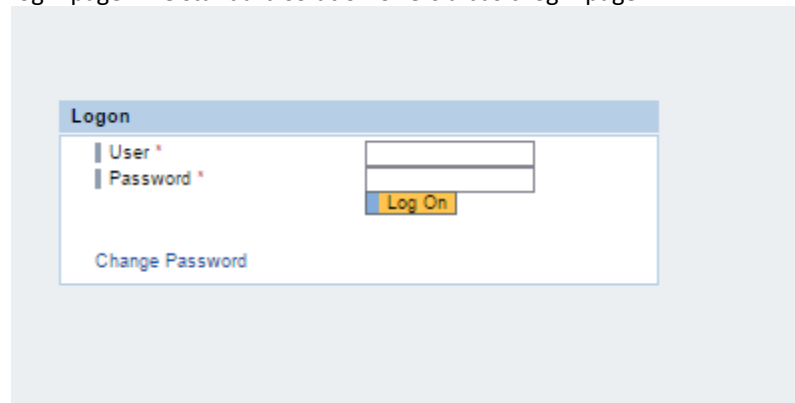
You will be required to perform one or all of the following aspects of the login page:

1. **Configuration of Login Screen for Launchpad Designer to "New" SAP Fiori Login Page**
2. **Replace the images in the Login page**
3. **Replace the SAP logo on Login page**
4. **Modify the CSS of the Login page**

2.6.1 Configuration of Login Screen for Launchpad Designer to "New" SAP Fiori Login Page:

To perform this configuration, you needs the administrator rights on the system.
The steps to be followed are as follows:

1. Under SICF transaction, navigate to default_host > sap > bc > ui5_ui5 > ui2 >ushell
2. Click on the tab "Error Pages" and navigate to tab "Logon Errors".
3. Select System Logon radio button and choose Configuration button. Enter the following:
4. Under Settings Selection section, select Define Service-Specific Settings radio button.
5. Under Logon Layout and Procedure section, select Custom Implementation radio button and enter /UI2/CL_SRA_LOGIN in the ABAP Class field.
6. Save your entries.
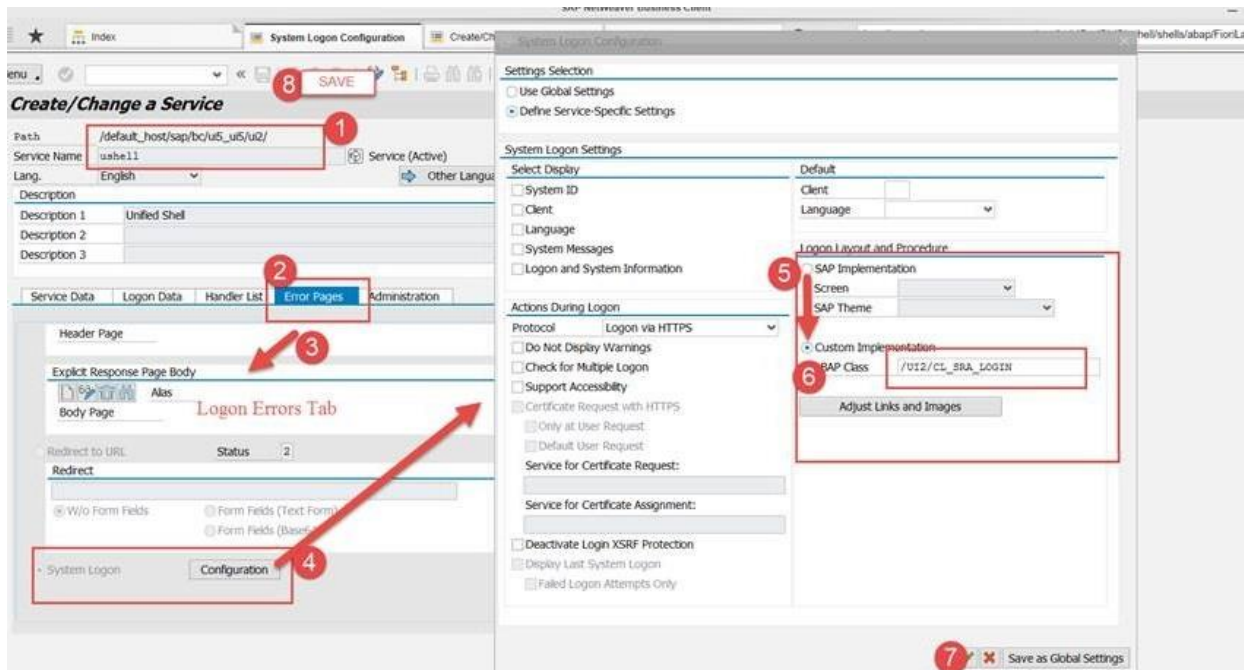
Once the configuration shown is complete, the login screen should appears as shown in the below image.
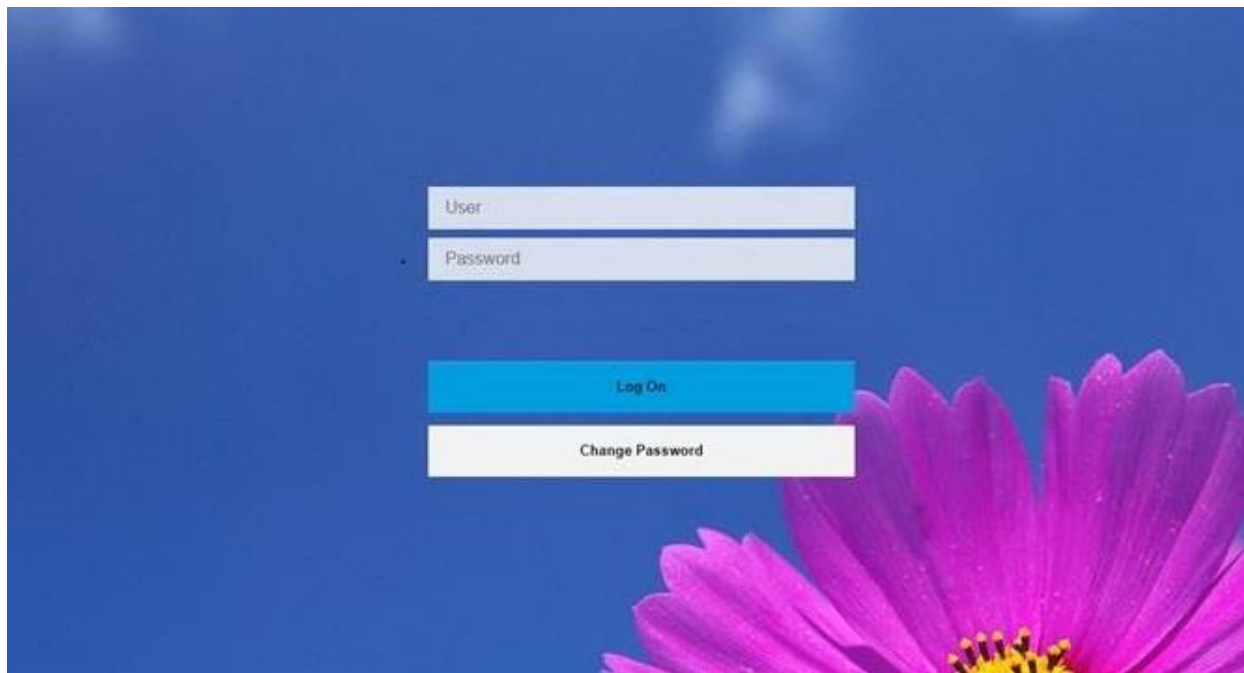
2.6.1 Replace the images in the Login page:

Once you have the login page configured, you may have to replace the images in the login page.
The class "/UI2/CL_SRA_LOGIN" is the implementation of the "New" login page. You can navigate through the class and its methods to get a deeper insight into the logic behind the construction of the login page.

In the class, the method "INIT_DEFAULT_PARAMETERS" is used to set the images and style-sheets for the login page.
To Replace the image Goto Transaction SE80.

The background image for the login page is located in the mime repository under the path:"/sap/public/bc/ui2/logon/img/".
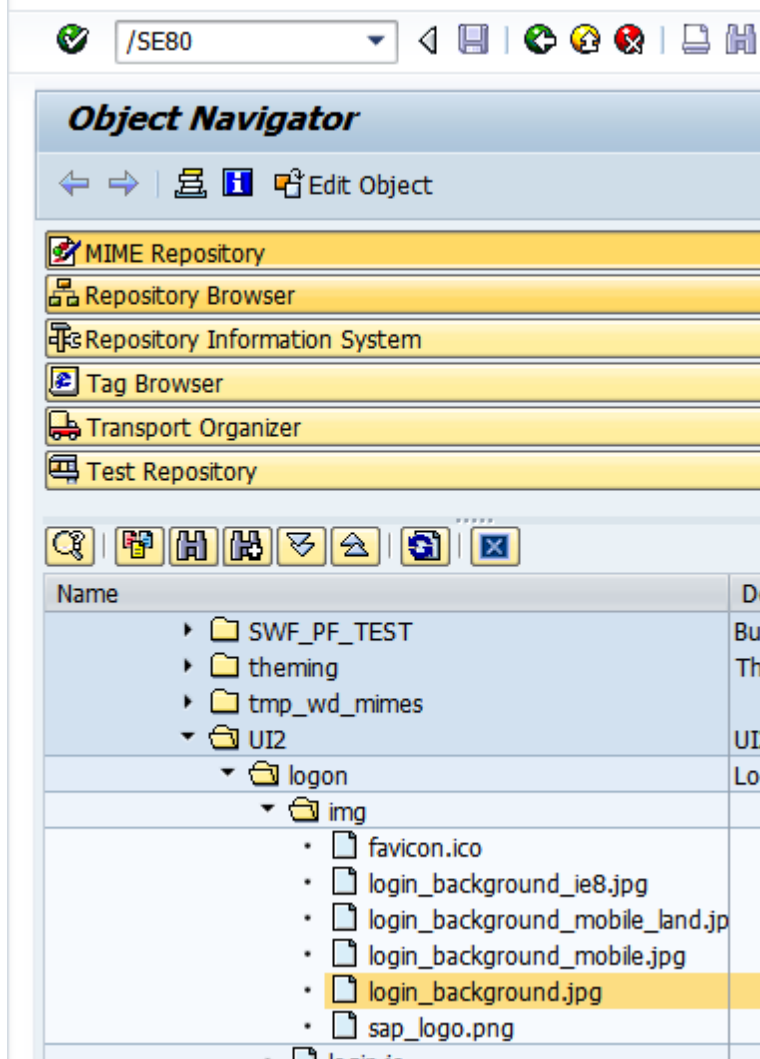
To replace the background image, Right-Click on the "login_background.jpg" file. Under the context "Upload/Download" select option "Upload and Replace".
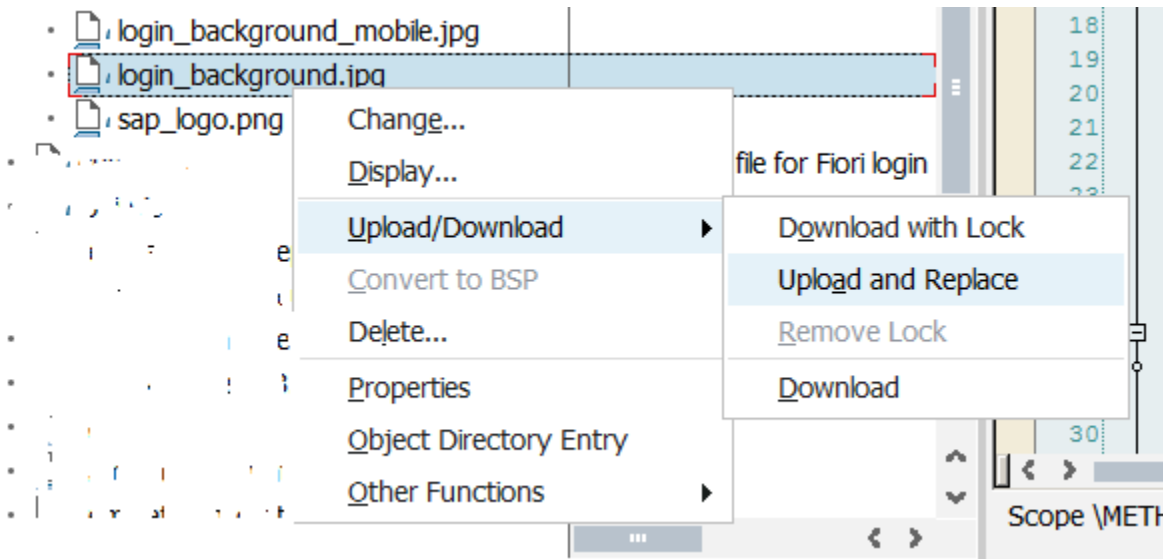
In the windows prompt, select the custom file (in your local disk) which you wish to set as the background. Job Done.

Note: The file name will still be "login_background.jpg" but internally the image will be replaced with your custom image.

2.6.3 Replace the SAP logo on Login page:

Follow the steps performed to replace the background image. Perform the "Upload and Replace" on the sap_logo.png file.

Note: SAP may prompt you to choose a transport request under which the change is to be performed.

2.6.4 Modify the CSS of the Login page:

The CSS file for the login page is set to a file in the mime repository. The file name is "template_css.css" and the path to it is: "/sap/public/bc/ui2/logon/".

Option 1: Change the file "template_css.css"

Right-Click on the "template_css.css" file. Select option "Change…" Now, a text editor should open the CSS file. Perform the modifications to the file and "Save" your changes.

Note: Transport request may be required to save your changes.

Option 2: Enhance/Modify the method "INIT_DEFAULT_PROPERTIES"

Modify the method "INIT_DEFAULT_PROPERTIES" code to refer you your custom CSS file in the mime repository.

Method	INIT_DEFAULT_PROPERTIES		Active

```abap
1  ⊟ METHOD init_default_properties.
2       log__method( name = '/ui2/cl_sra_login->init_default_properties' msg = 'iv_context=[&A&]' a = iv_context
3
4       init_langu_rtl( ).
5
6       " Common properties
7       set_property( iv_name = 'header_visible' iv_value = 'false' ).
8       set_property( iv_name = 'img_favicon' iv_value = '/sap/public/bc/ui2/logon/img/favicon.ico' ).
9       set_property( iv_name = 'img_logo' iv_value = '/sap/public/bc/ui2/logon/img/sap_logo.png' ).
10      set_property( iv_name = 'img_logo_width' iv_value = '64' ).
11      set_property( iv_name = 'img_background' iv_value = '/sap/public/bc/ui2/logon/img/login_background.jpg'
12      set_property( iv_name = 'img_background_mobile' iv_value = '/sap/public/bc/ui2/logon/img/login_backgrou
13      set_property( iv_name = 'img_background_mobile_land' iv_value = '/sap/public/bc/ui2/logon/img/login_bac
14      set_property( iv_name = 'label_copyright' iv_value = m_txt_copyright ).
15      set_property( iv_name = 'label_user' iv_value = m_txt_label_user ).
16      set_property( iv_name = 'script_included' iv_value = '/sap/public/bc/ui2/logon/login.js' ).
17      set_property( iv_name = 'style_confirmpwd_error' iv_value = 'sapUiSraTextError' ).
18      set_property( iv_name = 'template_css' iv_value = '/sap/public/bc/ui2/logon/template_css.css' ).
19      set_property( iv_name = 'template_css_ie8' iv_value = '/sap/public/bc/ui2/logon/template_css_ie8.css' )
20      set_property( iv_name = 'ui5_theme' iv_value = 'sap_bluecrystal' ).
21      set_property( iv_name = 'text_error_user_initial' iv_value = m_txt_login_error_user_initial ).
22      set_property( iv_name = 'text_error_pwd_initial' iv_value = m_txt_login_error_pw_initial ).
23      set_property( iv_name = 'text_error_client_initial' iv_value = m_txt_login_error_clnt_init ).
24      set_property( iv_name = 'button_focus_color' iv_value = '#d0d0d0' ).
25      set_property( iv_name = 'button_submit_focus_color' iv_value = '#007cc0' ).
```

Note: Access Key would be required to perform your changes on the standard method.

2.8. Ass configure Fiori Login\Logoff Page

⬧ Log off screen configuration:

By default log off screen would be set as below

Logoff

What has happened?
You logged off from the system.

Note

- The logoff took place 20130723 at 175922 system time.
- Close all the windows in your browser and delete the "Temporary Internet-Dateien" (Internet Explorer) and "Private Data" (Firefox). Depending on your browser setting, this deletion of data can take place automatically when you close the browser.

HTTP 200 - OK
Your SAP Internet Communication Framework Team

Instead you can configure the page to be redirected to loginpage.

1. Login to Fiori ECC system having proper authorization.
2. Execute transaction SICF and go to node **/sap/public/bc/icf/logoff**
3. Once the service loads, navigate to Error Pages->Logoff Page->Redirect to URL. Click on the pencil icon on the top left screen and enter the redirection URL
   as**/sap/bc/ui5_ui5/ui2/ushell/shells/abap/Fiorilaunchpad.html**
4. Click on Save button to save your entries.
5. After clicking on Save button, the wizard will prompt for credentials. The password entry needs to be made here to complete this implementation.

3. Theme Designer. SAP Fiori launchpad
3.1. setup your company logo in SAP Fiori Launchpad

You can set your company logo in SAP Fiori launchpad.

Standard delivery:
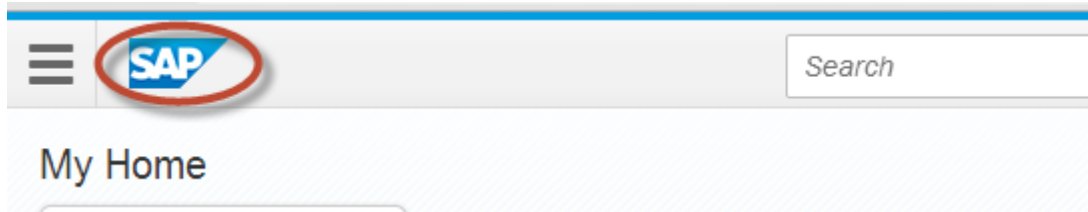
Replacing with your company logo.
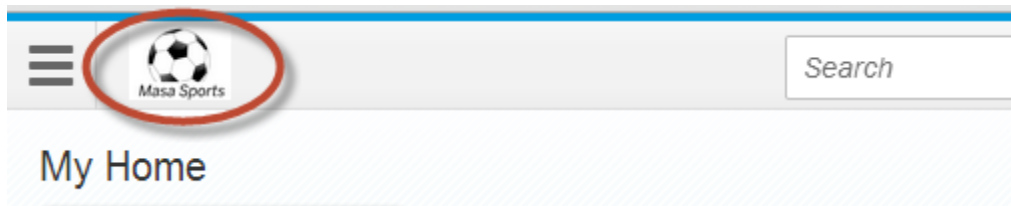
There is logo property and you can change it by **Theme Designer**.
Prerequisites:

- You have installed UI Add-on SP12
- SAP Fiori – UI Add-on SP12 notes list, SAPUI5 library 1.28.5

Steps:

1. Start UI Theme Designer on Frontend server (Gateway server)

   Transaction: /UI5/THEME_DESIGNER
   or

   URL: https://<host>.<domain>:<port>/sap/bc/theming/theme-designer?sap-client=<client>
2. Copy theme and give a name

Theme Designer - Select Theme

Available Themes	All
All	Open Duplicate Rename Rebuild Delete
SAP Blue Crystal	Theme Name / Theme
SAP Corbu	**SAP Blue Crystal** / sap_blue
SAP Gold Reflection	**SAP Corbu** / sap_corb
SAP High Contrast Black	**SAP Gold Reflection** / sap_gold
SAP Tradeshow	**SAP High Contrast Black** / sap_hcb
	SAP Tradeshow / sap_trad

Theme ⌄   Help ⌄

masa   ORIGINAL

Target Pages ⊕	⋈
Applications	
UI5 Control Previews ⚙	**Add Target Content**
UI5 Application Previews ⚙	**Application**
	Link to Application: [_____]
	Name of Application: [_____]
	Add

3. Add a test app. Specify the URL for SAP Fiori launchpad.

Link to

Application: https://<host>.<domain>:<port>/sap/bc/ui5_ui5/ui2/ushell/shells/abap/Fiorilaunchpad.html?sap-client=<client>

   Name of Application: any name

   *Note: Please make sure you use same http protocol with Theme Designer. http or https.

4. Specify your company logo.

Quick	Expert	CSS

Color

Base Color	#808080	
Brand Color	#009de0	
Highlight Color	#007cc0	

Font

Link Color	#00679e	
Text Color	#000	

Image

Background Image	"	
Background Image Opacity		
Background Image Repeat	true	
Image Background Color	"	
Logo	"	

You can also change other properties to apply your company brand colors.

5. Build your theme
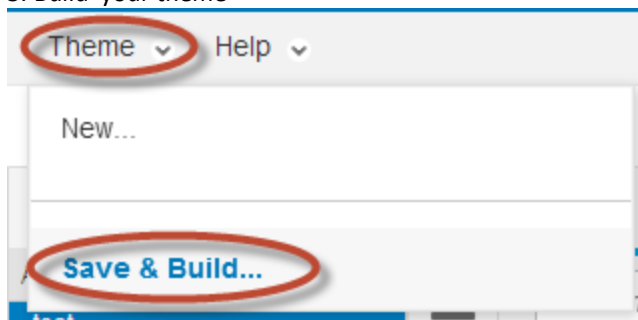
Your theme was generated and your company log was uploaded to the frontend server.

6. Find the theme parameter

Transaction: /UI5/THEME_TOOL

Your theme parameter is "sap-theme=masa@https://<host>.<domain>:<port>/sap/public/bc/thems/~client-<client>"

*Note: "~client-<client>" specify the client with "-", not "=".

7. Test SAP Fiori launchpad with theme parameter.
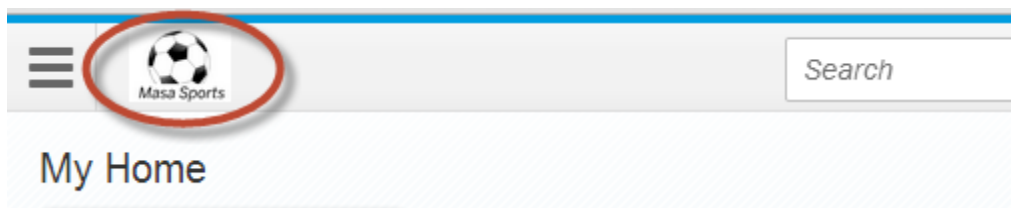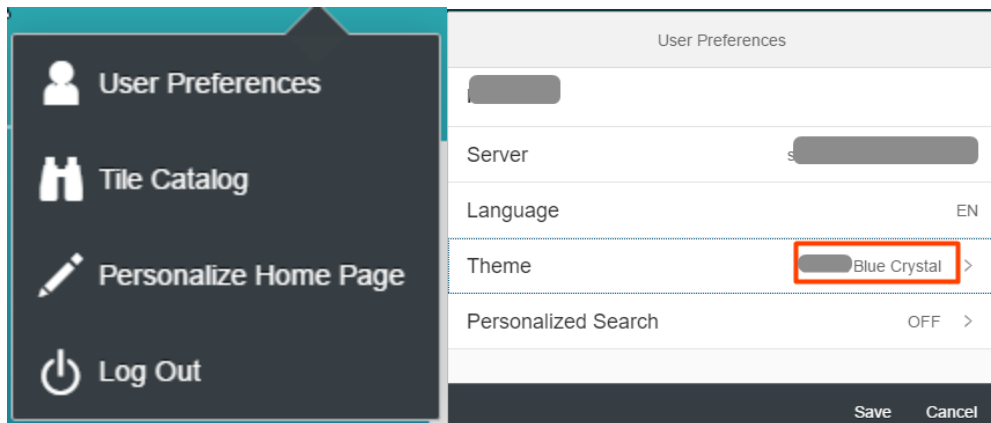
Please also take a look [How to set a theme parameter to SAP Fiori launchpad](#).
For example, users just call https://<host>.<domain>:<port>/fiori

4. Upload UI5 Application

- Tcode : SE38
- Run program : /UI5/UI5_REPOSITORY_LOAD

Load SAPUI5 Application from File System to the SAPUI5 ABAP Repository

This is going to happen when you confirm at the end of this list ...

* Create SAPUI5 Application   ZTEST *

Upl
Upl
Upl   ┌─ Enter Parameters for Upload into BSP Application ... ──────────────── ✕ ─┐
Upl   │   │
Crea   │ Description   test   │
Upl   │ Package   ZVO   │
Upl   │ Transport Request SD4K900010   │
Upl   │ External Codepage UTF-8   │
Crea   │   │
Upl   │   ✓ ✕   │
Crea   └──┘
Upl
Create Folder   :   C:\Users\I309444\Desktop\ZHelloWorld\webapp\i18n
Upload File   :   C:\Users\I309444\Desktop\ZHelloWorld\webapp\i18n\i18n.properties   (Text)
Create Folder   :   C:\Users\I309444\Desktop\ZHelloWorld\webapp\model
Upload File   :   C:\Users\I309444\Desktop\ZHelloWorld\webapp\model\models.js (Text)
Create Folder   :   C:\Users\I309444\Desktop\ZHelloWorld\webapp\view
Upload File   :   C:\Users\I309444\Desktop\ZHelloWorld\webapp\view\App.view.xml (Text)

* Items to be ignored have been determined from the built-in standard settings. *
* Text files have been identified from standard settings. *
* Binary files have been identified from standard settings. *
* The adjustment of line endings has been requested. *

[Click here to Upload]

5. Add semantic object
- Tcode: /N/UI2/SEMOBJ

6. Launchpad designer configuration（Browser）

- Tcode：/N/UI2/FLPD_CONF
- After run the transaction, the following steps are configured in the browser.

5.1. Assign Transport Request
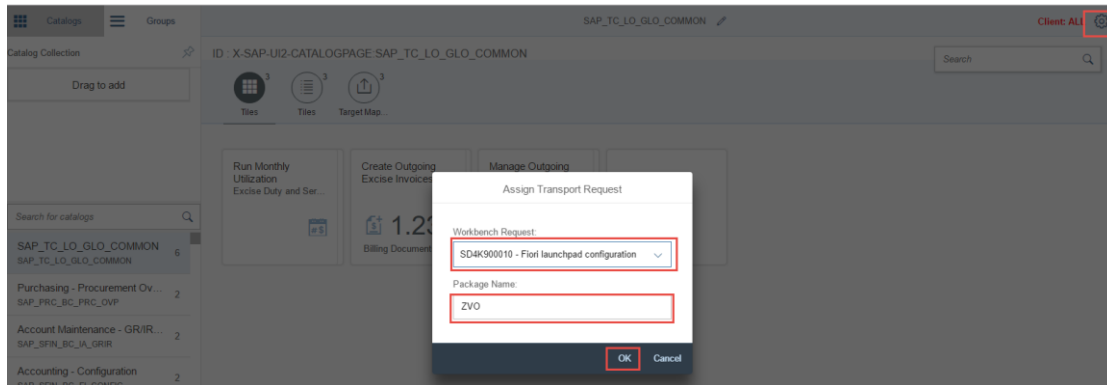
5.2. Create Catalog
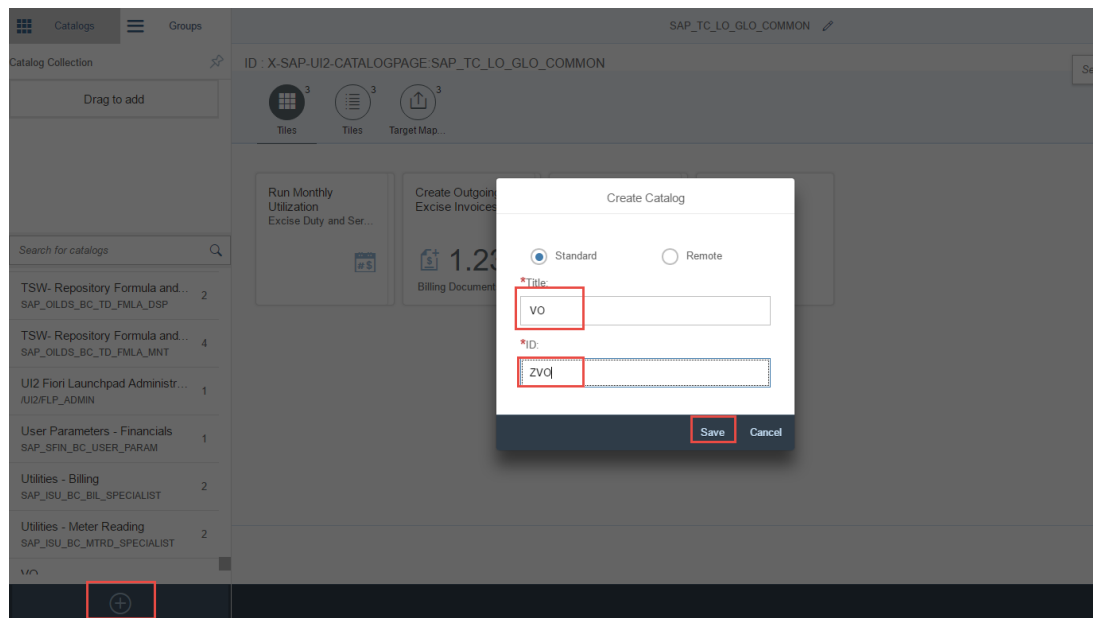
5.3. Create tiles in Catalog

5.4. Add target mappings for the tile

5.5. Create Group

5.6. Add tiles of any Catalog to a group
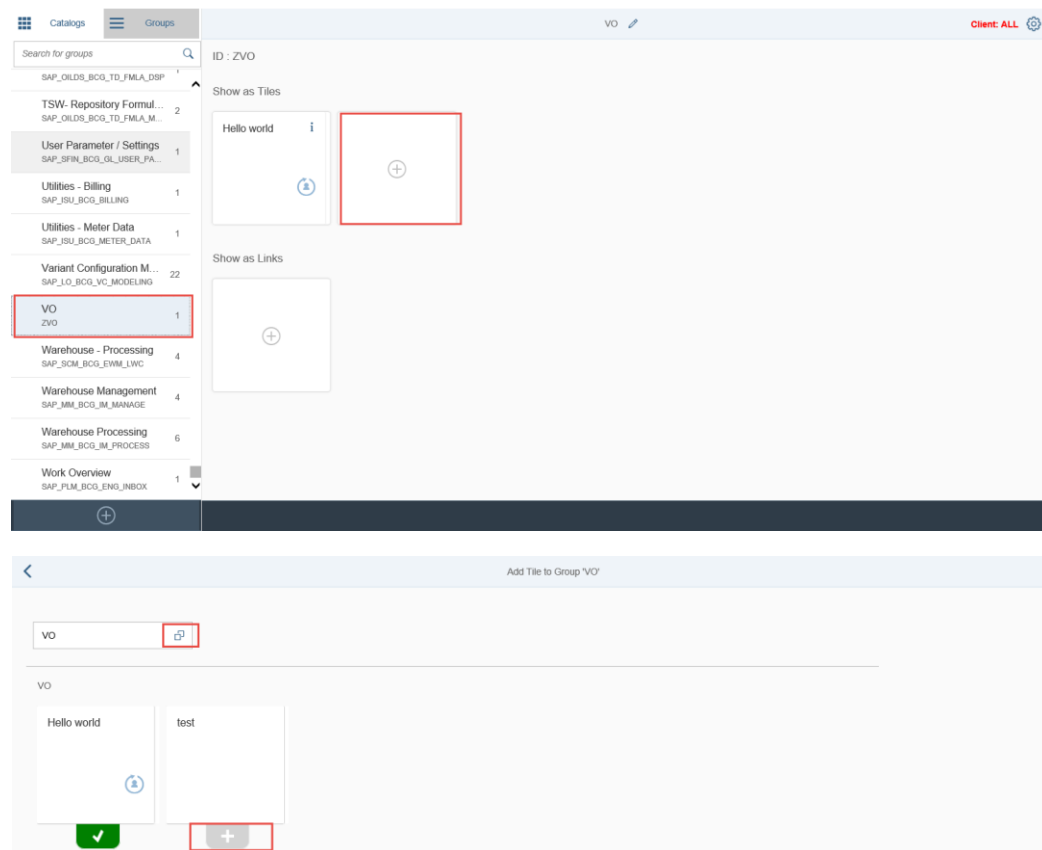
7. Create role for catalog and group
- TCode: PFCG

7.1. Create a role
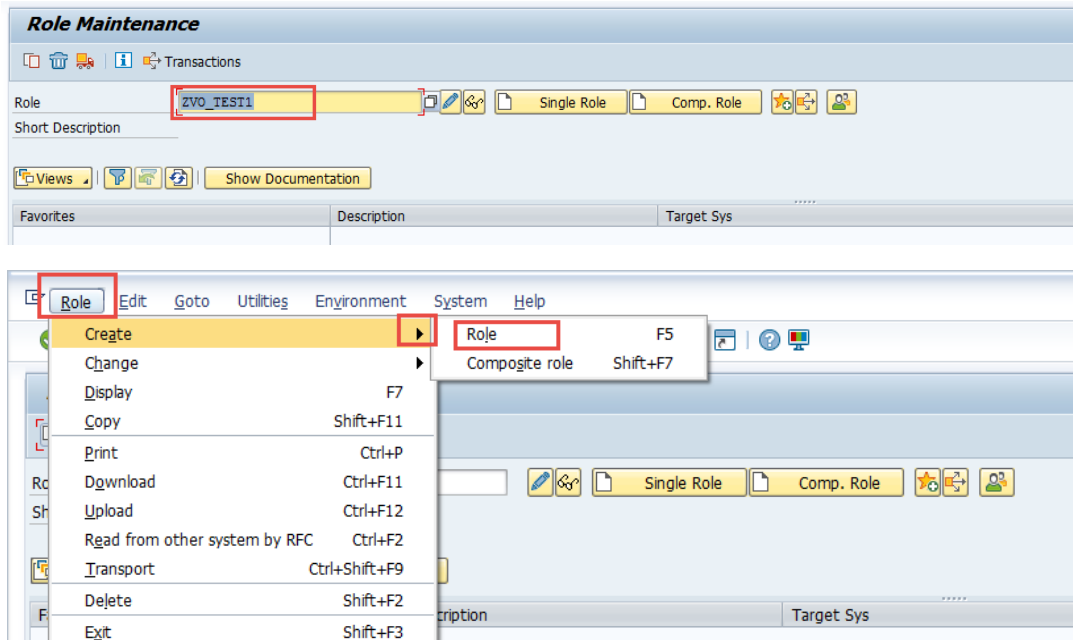
7.2. Assign catalog to this role
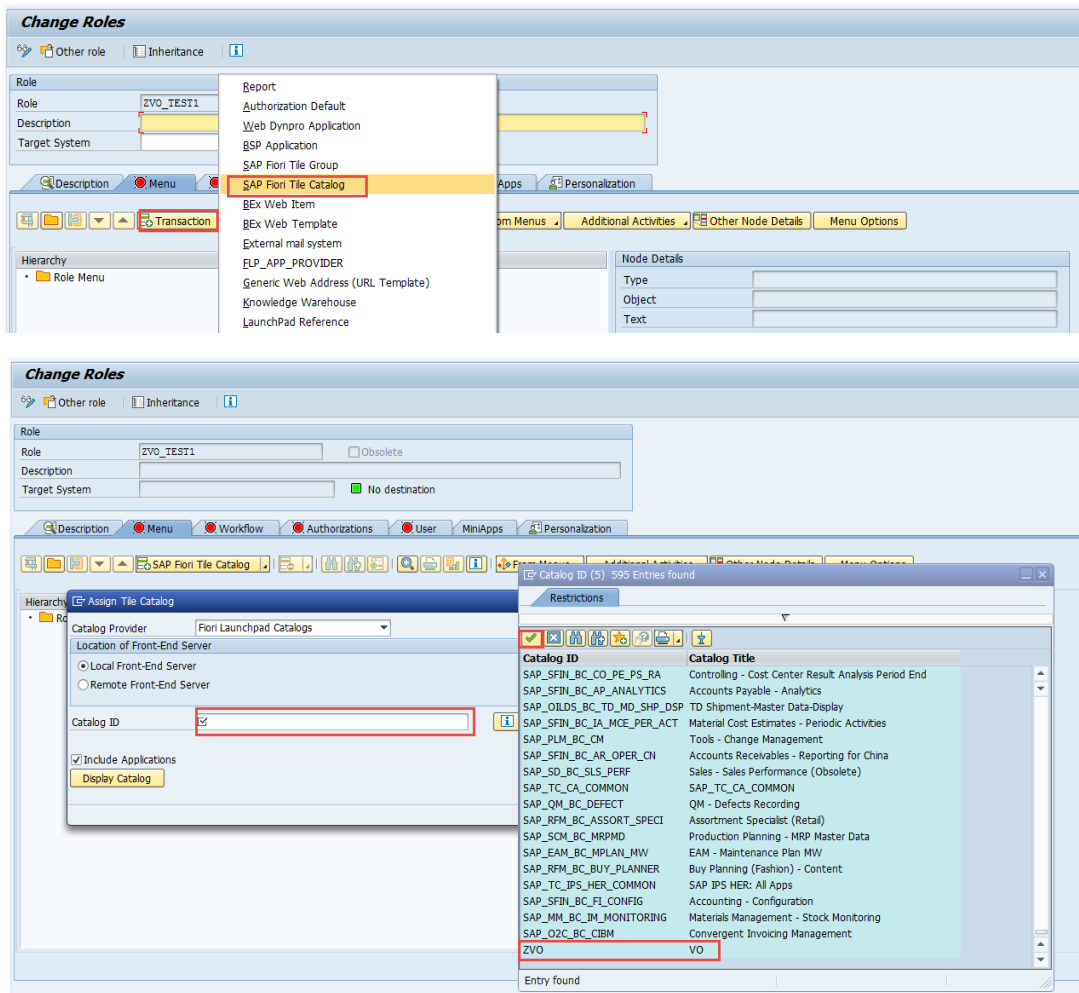
7.3. Assign group to this role
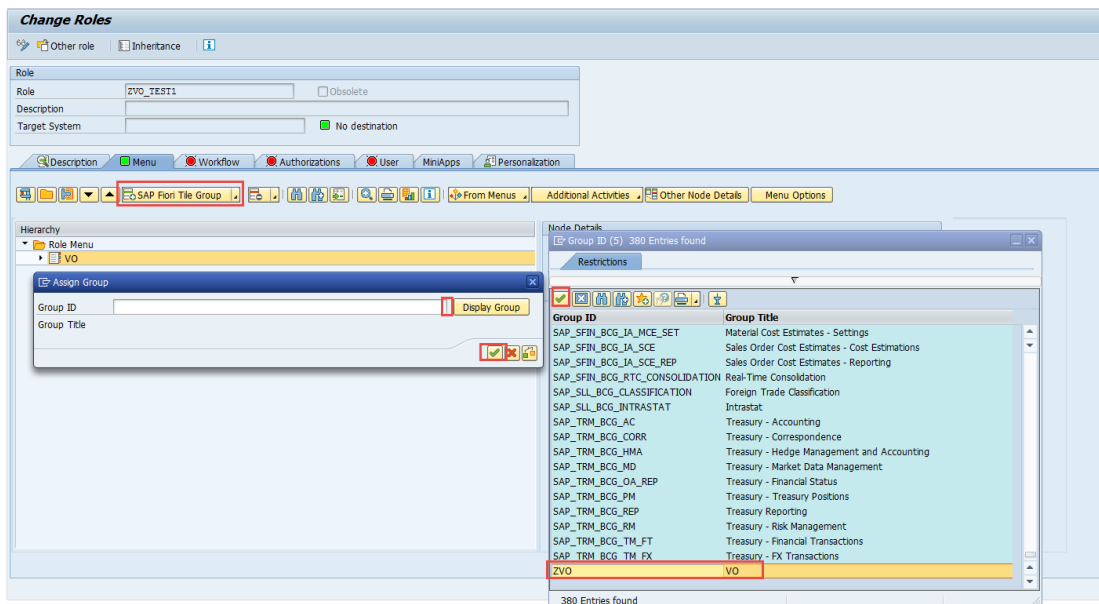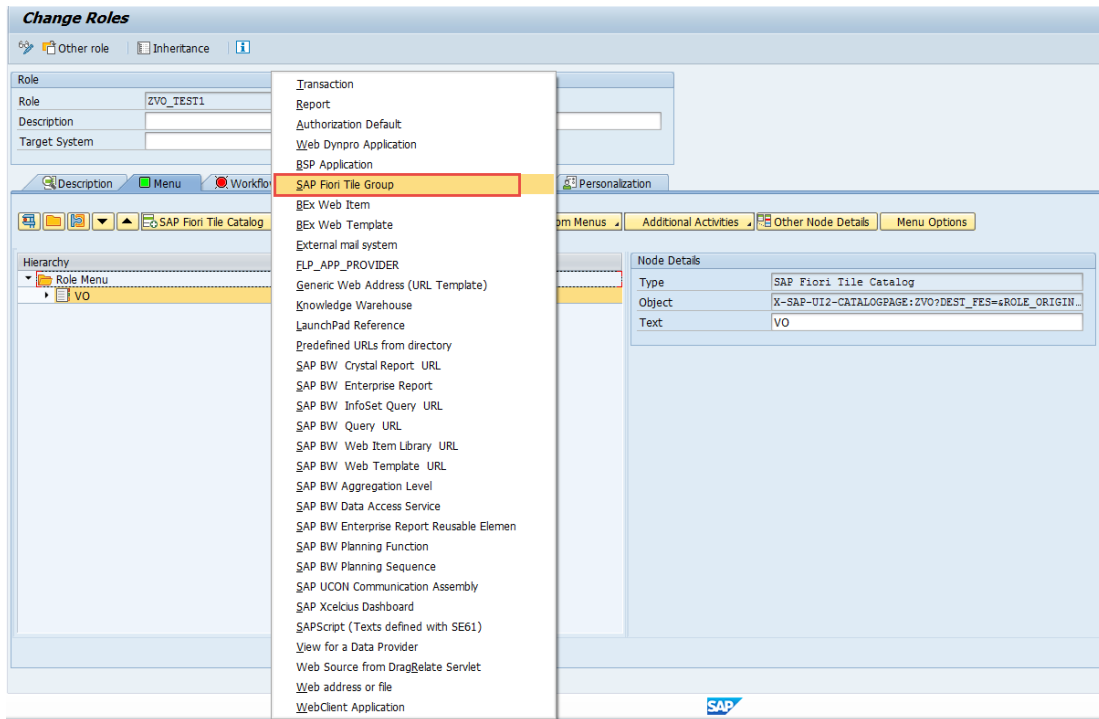
7.4. Assign this role to user

- Tcode: SU01
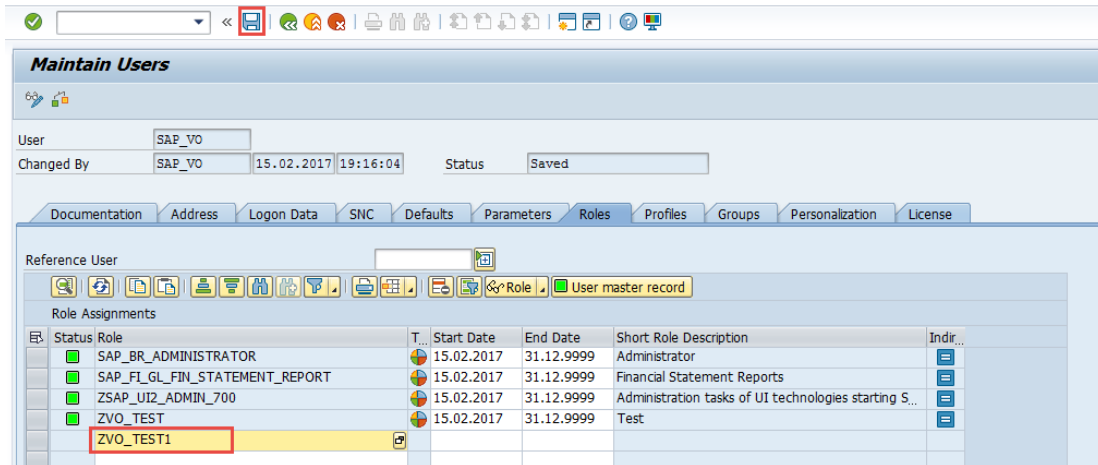
Se38: /UI2/INVALIDATE_CLIENT_CACHES, /UI2/INVALIDATE_GLOBAL_CACHES

7.5. Logon Fiori Launchpad
➕ Tcode: /N/UI2/FLP
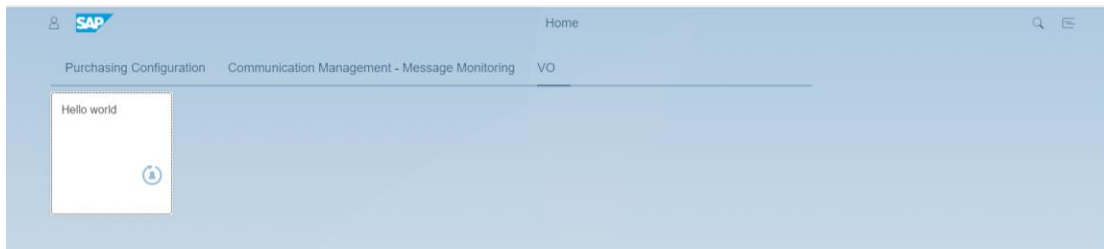
8. Setup of Standard Fiori App

8.1. Find an App from Fiori Apps Library
➕ For example: Manage Payment Blocks
➕ Reference:
https://fioriappslibrary.hana.ondemand.com/sap/fix/externalViewer/#/detail/Apps('F0593')/S6OP
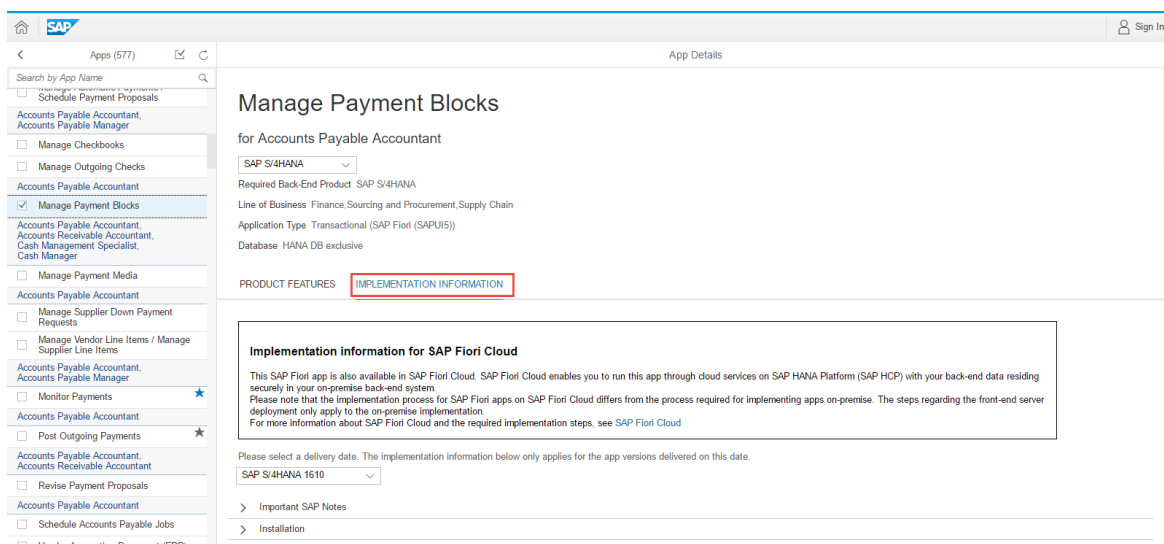
Configuration

The following sections list app-specific data required to configure the app:

SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server:

Component	Technical Name	Path to ICF Node
SAPUI5 Application	FIN_BLOCKPAYM	/sap/bc/ui5_ui5/sap/fin_blockpaym

OData Services

The following OData services must be activated on the front-end server.
Users require PFCG authorization for the front-end and back-end systems.

oData Service	Version	Back-End Authorization Role (PFCG)
FAP_MANAGE_PAYMENT_BLOCKS_SRV	001	

SAP Fiori Launchpad

You require the following data to give users access to the app in the SAP Fiori launchpad.

Technical Configuration

Technical Catalog	SAP_TC_FIN_FO_COMMON
SAPUI5 Application	FIN_BLOCKPAYM

Business Catalog(s)

Catalog Name	Catalog Description
SAP_SFIN_BC_AP_DOCUMENT	

Business Role(s)

Role Name	Role Description
SAP_BR_AP_ACCOUNTANT	Accounts Payable Accountant

8.2. Activate SAPUI5 application on the front-end server

- Tcode：SICF
- Service Name: FIN_BLOCKPAYM
- Path：/sap/bc/ui5_ui5/sap/fin_blockpaym

8.3. Activate oData services on the front-end server

- Tcode: /N/IWFND/MAINT_SERVICE
- oData Service: FAP_MANAGE_PAYMENT_BLOCKS_SRV

Activate and Maintain Services

Type	Technical Service Name	V..	Service Description	External Service Name	Nsp.	OAut	Soft State	Processing Mode
BEP	ZFAP_MANAGE_PAYMENT_BLOCKS_SRV	1	OData Manage Payment Blocks	FAP_MANAGE_PAYMENT_BLOCKS_SRV		☐	Not Supported	Routing-based
BEP	FDT_TRACE	1	BRF+ lean trace evaluation	FDT_TRACE		☑		Routing-based
BEP	GFD_CONFIG_SRV	1	Generic Form Designer Configuration details	GFD_CONFIG_SRV		☑	Not Supported	Routing-based
BEP	GHO_ODATA_SRV	1	OData Project for Global Hydrocarbon Operations	GHO_ODATA_SRV		☐		Routing-based
BEP	/IWFND/GWDEMO_SP2	1	ZCL_ZTEST_GWDEMO_DPC_EXT	GWDEMO_SP2	/IWBEP/	☐		Routing-based
BEP	ZINTEROP	1	Gateway Service of Interoperability	INTEROP	/UI2/	☐	Not Supported	Routing-based
	/IWFND/SG_MGW_NOTIF_STORE	1	OData Channel: Notification Store	NOTIFICATIONSTORE	/IWFND/	☐		Routing-based
BEP	ZPAGE_BUILDER_CONF	1	Pagebuilder - Configuration level	PAGE_BUILDER_CONF	/UI2/	☐	Not Supported	Routing-based
BEP	ZPAGE_BUILDER_CUST	1	Pagebuilder - Customizing level	PAGE_BUILDER_CUST	/UI2/	☐	Not Supported	Routing-based
BEP	ZPAGE_BUILDER_PERS	1	Pagebuilder - Personalization level	PAGE_BUILDER_PERS	/UI2/	☐	Not Supported	Routing-based
BEP	PIQ_LPD_ADVISOR_SRV	1	Service for Launchpad for Advisor	PIQ_LPD_ADVISOR_SRV		☐	Not Supported	Routing-based
BEP	PIQ_LPD_DEG_REQ_SRV	1	Launchpad service for Degree Requirement	PIQ_LPD_DEG_REQ_SRV		☐	Not Supported	Routing-based
BEP	PIQ_REQUEST_SRV	1	Project for request application	PIQ_REQUEST_SRV		☐	Not Supported	Routing-based
BEP	PYC_CONT_002_SRV	1	Payroll Control Center Business Logic Version 002	PYC_CONT_002_SRV		☑	Not Supported	Routing-based
BEP	PYC_CONT_PEM_002_SRV	1	Pyaroll Control Center Error Management	PYC_CONT_PEM_002_SRV		☑	Not Supported	Routing-based
BEP	PYC_CONT_SRV	1	Payroll Control Center Content	PYC_CONT_SRV		☑		Routing-based
BEP	PYC_FRW_SRV	1	Payroll Control Center Framework	PYC_FRW_SRV		☑		Routing-based
BEP	PYD_CONT_SRV	1	Payroll Data Source Content International	PYD_CONT_SRV		☐		Routing-based
BEP	PYD_FRW_SRV	1	CL_PYD_FRW_DPC_EXT	PYD_FRW_SRV		☐		Routing-based
BEP	REPM_CLOSEDSALESORDERQUERY_CDS	1	REPM : Closed Sales Order Query View	REPM_CLOSEDSALESORDERQUERY_CDS		☐	Not Supported	Routing-based

ICF Nodes

Status	ICF Node	Session Time-out Soft State	Description
○○▣	ODATA	00:00:00	Standard Mode

System Aliases

SAP System Alias	Description	Default	Metadata	Use
LOCAL	Local System Alias	☑	☐	

As for more than one apps

ICF Nodes for SAPUI5 Applications

SAPUI5 Application	App Name	App ID	Path to ICF Node
AF_APF_MODS1	Configuration Modeler for applications based on Analysis Path Framework in SAP S/4HANA	F1768	/sap/bc/ui5_ui5/sap/af_apf_mods1
CDSBROWSERS1	View Browser	F2170	/sap/bc/ui5_ui5/sap/CDSBROWSERS1
SB_APPS_DDS1	Configure KPI Drill-down	F0819	/sap/bc/ui5_ui5/sap/sb_apps_dds1
SB_APPS_EVALS1	Create Evaluation	F0822	/sap/bc/ui5_ui5/sap/sb_apps_evals1
SB_APPS_KPIS1	Create KPI	F0817	/sap/bc/ui5_ui5/sap/sb_apps_kpis1
SB_APPS_TILES1	Configure KPI Tiles	F0820	/sap/bc/ui5_ui5/sap/sb_apps_tiles1
SB_APPS_WSS1	KPI Workspace	F0818	/sap/bc/ui5_ui5/sap/sb_apps_wss1

Activate multiple ICF nodes by using predefined task lists. For more information, see the Configuration Guide for SAP Fiori Frontend , chapter Task List SAP Basis - Activate HTTP Services (SICF).

[Export list of ICF Nodes]

Tcode : STC01 ,task list: SAP_BASIS_ACTIVATE_ICF_NODES ,SAP_BASIS_ACTIVATE_ICF_NODES add the icf node and then run to activate the service .

Task Manager for Technical Configuration

Task List   `SAP_BASIS_ACTIVATE_ICF_NODES`   SAP Basis - Activate HTTP Services (SICF)

Task List   `SAP_BASIS_ACTIVATE_ICF_NODES`   SAP Basis - Activate HTTP Services (SICF)

Task List Run   `SAP_BASIS_ACTIVATE_ICF_NODES_20180107103936576`

E..	..	S..	L..	Phase	Comp.	Task Description	H..	P..	Parameter Description
☑	⏱	⏱	🗄	Configuration	SICF	Activate HTTP Services (SICF)	🗄	📝	

Fill Parameters

Tcode : STC01 ,SAP_GATEWAY_ACTIVATE_ODATA_SERV

OData Service(s)

oData Service	Version	App Name	App ID
BSANLY_APF_RUNTIME_SRV	0001	Configuration Modeler for applications based on Analysis Path Framework in SAP S/4HANA	F1768
CDSALLVIEWS	0001	View Browser	F2170
SMART_BUSINESS_DESIGNTIME_SRV	0001	Configure KPI Drill-down	F0819
	0001	Configure KPI Tiles	F0820
	0001	Create Evaluation	F0822
	0001	Create KPI	F0817
	0001	KPI Workspace	F0818

Activate multiple OData services by using predefined task lists. For more information, see the Configuration Guide for SAP Fiori Frontend, chapter Task List SAP Gateway - Activate OData Services.

Export list of OData Services

Task Manager for Technical Configuration

Task List SAP_GATEWAY_ACTIVATE_ODATA_SERV SAP Gateway - Activate OData Services

| Task List | SAP_GATEWAY_ACTIVATE_ODATA_SERV | SAP Gateway - Activate OData Services |

| Task List Run | SAP_GATEWAY_ACTIVATE_ODATA_SERV_20180107104823356 |

E..	E..	S..	L..	Phase	Comp.	Task Description	H..	Para..	Parameter Description
☑				Configuration	GATEWAY	Define OData Services for Activation			Defined Services: 3
☑				Configuration	GATEWAY	Select System Alias for Activation			SAP System Alias: LOCAL
☑				Configuration	GATEWAY	Select OData Services for Activation			Selected Services: 3 of 3

Define OData Services

Enter list of OData Services

(for service version use <SPACE> as delimiter)

```
BSANLY_APF_RUNTIME_SRV 0001
CDSALLVIEWS 0001
SMART_BUSINESS_DESIGNTIME_SRV 0001
```

Edit Variants: Variant F319AFA659F3F9

Variant Attributes ℹ

Select SAP System Alias	
SAP System Alias	LOCAL

Select to be activated OData services

SAP System Alias

LOCAL

	Activate	OData Service	Version
	☑	BSANLY_APF_RUNTIME_SRV	1
	☑	CDSALLVIEWS	1
	☑	SMART_BUSINESS_DESIGNTIME_SRV	1

8.4. Assign catalog to the role
- Tcode: PFCG
- Catalog: SAP_TC_FIN_FO_COMMON
- Role: SAP_BR_AP_ACCOUNTANT

8.5. Assign role to user
  ↳ Tcode: SU01

8.6. Logon Fiori Launchpad
  ↳ Tcode: /N/UI2/FLP