



How to Create Pages & Spaces in Fiori launchpad Step-by-Step Guide

SAP Fiori launchpad

SAP S/4HANA Cloud 2008

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Document History

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TABLE OF CONTENTS

Document History.....	2
Chapter 1 – Introduction	4
Chapter 2 – Creating a Business Role	4
Chapter 3 – Creating a Space.....	4
Chapter 4 – Creating a Page	4
Chapter 5 – Enabling Spaces to End User	4
Chapter 6 – Troubleshooting.....	4
CHAPTER 1 INTRODUCTION.....	5
Overview of the Architecture	5
What is a Space?.....	6
What is a Page?	7
Prerequisites	7
CHAPTER 2 CREATING BUSINESS ROLE.....	8
Creating Business Role.....	8
Assigning Business Catalogs to the Business Role	8
Assigning Business Users to the Business Role.....	9
CHAPTER 3 CREATING A SPACE.....	11
Create a Space	11
Assigning Space to Business Role	12
CHAPTER 4 CREATING A PAGE.....	14
Create a Page.....	14
Assigning Page to a Space.....	14
Configuring the Pages in space.....	15
CHAPTER 5 ENABLING SPACES TO END USER	19
Enable Spaces to End User in default	19
Enable Spaces to End User as an option.....	20
End User View after enabling Spaces	21
CHAPTER 6 TROUBLESHOOTING	25
Cannot load tile when configuring Pages	25
Fiori Search and App Finder displays the tiles that are not added on Page	26

Abstract

Chapter 1 – Introduction

- 1.1. Overview of the Architecture
- 1.2. What is a Space?
- 1.3. What is a Page?
- 1.4. Prerequisites

Chapter 2 – Creating a Business Role

- 2.1. Create Business Role
- 2.2. Assigning Business Catalogs to the Business Role
- 2.3. Assigning Business Users to Business Role

Chapter 3 – Creating a Space

- 3.1. Create a Space
- 3.2. Assigning Space to Business Role

Chapter 4 – Creating a Page

- 4.1. Create a Page
- 4.2. Assigning Page to a Space
- 4.3. Configuring the Pages in Space

Chapter 5 – Enabling Spaces to End User

- 5.1. Enable Spaces to End User in Default
- 5.2. Enable Spaces to End User as an Option
- 5.3. End User View after enabling Spaces

Chapter 6 – Troubleshooting

- 6.1. Cannot load tile when configuring Pages
- 6.2. Fiori Search and App Finder displays the tile that are not added in Page

Chapter 1

Introduction

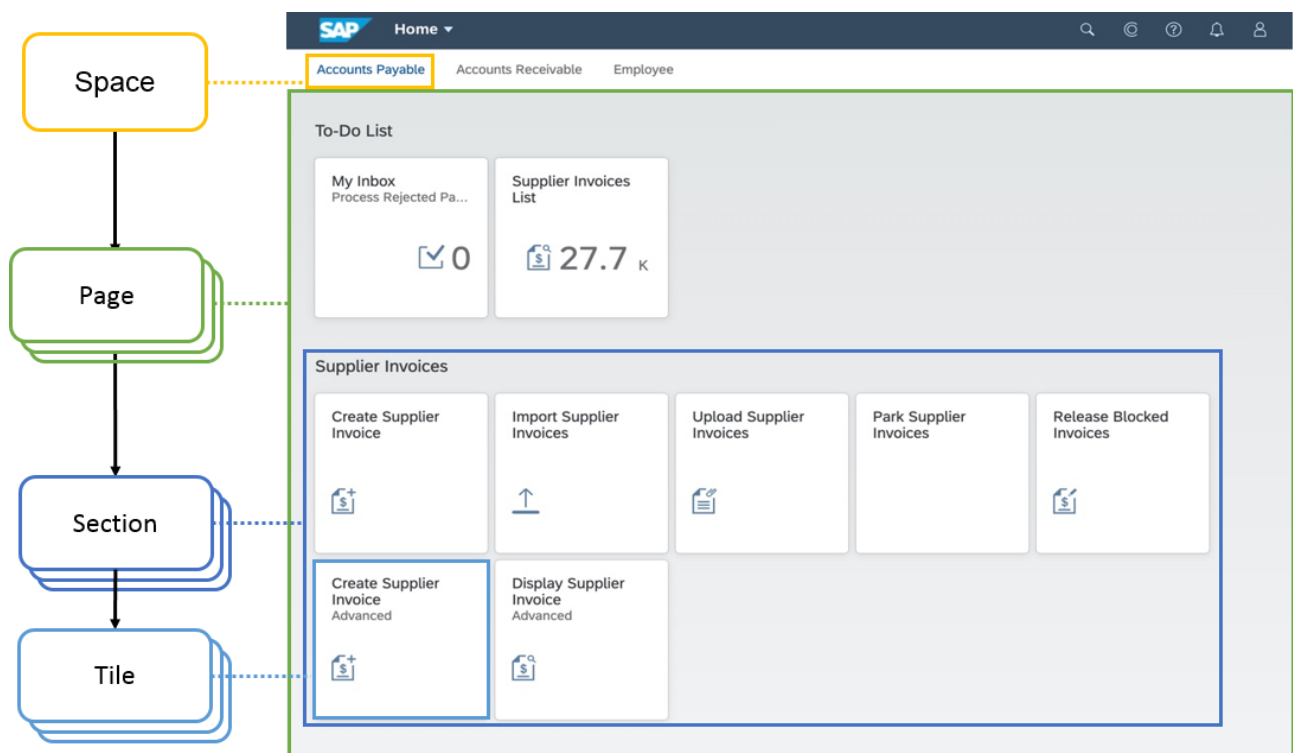
Welcome to “How to Create Pages & Spaces in Fiori launchpad”, in this whitepaper we will give a brief explanation on Pages, Spaces and Sections inside pages. In addition to this we will show how to create and use Pages and Spaces in Fiori launchpad.

Overview of the Architecture

Spaces & Pages is a new launchpad layout which introduced in SAP S/4HANA Cloud 2005 onwards. From SAP S/4HANA Cloud 2008, we introduced a new app “Manage Launchpad Spaces” and “Manage Launchpad Pages” in detail. The spaces mode was developed to offer more flexibility to use the launchpad layout for specific user groups. Pages are assigned to users via spaces that are assigned to business roles. Pages contain the sections and sections contain the tiles.

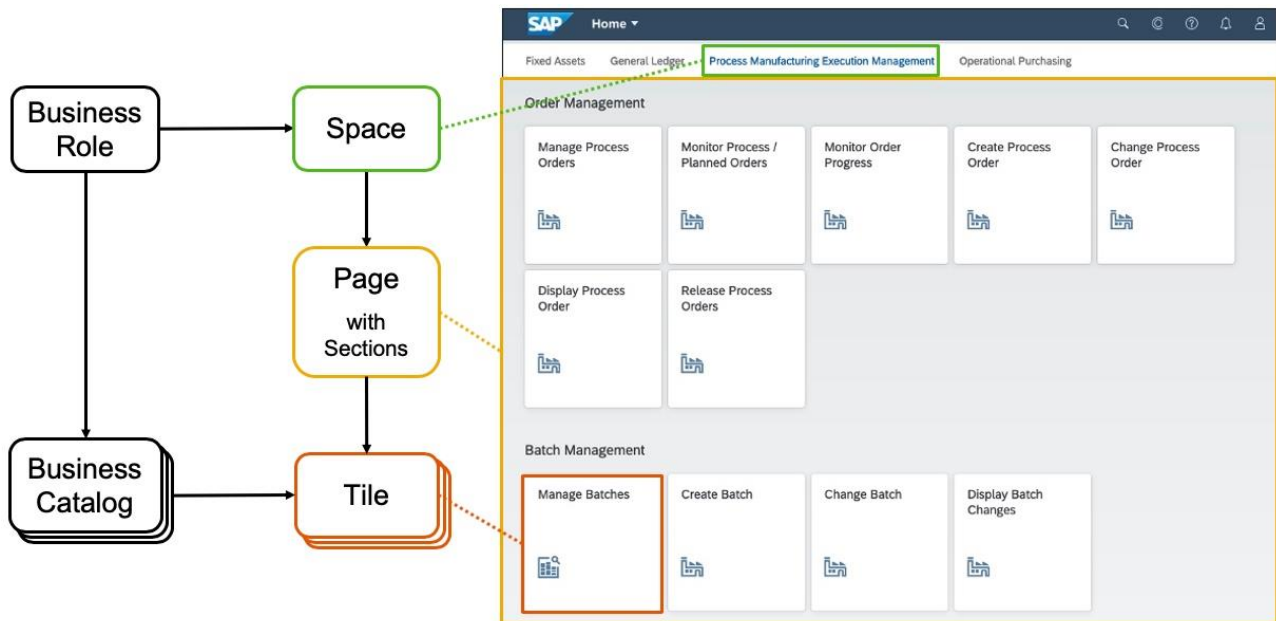
Note

At some point in time, the spaces will completely replace the Business Groups in Fiori launchpad



Above image is how an end user launchpad layout looks like after assigning multiple spaces to the end user.

To display any tile on Fiori launchpad using Pages & Spaces we need a Business Catalog and Business role, we need a page that need to be assigned to a space. And this space needs to be assigned to the same Business role.



We will show you step by step procedure in this document on how to create a tile and assign this tile to a business catalog and business role. We will show you how to create a page and space, how to assign the created pages and spaces to the business roles. How to enable the spaces settings in Fiori launchpad. We will also show you how to organize the tiles, sections in the pages.

What is a Space?

A space is the unit that holds one or more pages. Spaces design the launchpad layout. Spaces are organizational units that combine several pages in a menu which is shown in the navigation bar of the launchpad. Pages inside the spaces contains the Fiori tiles. These spaces are assigned to you based on the Business Roles. We can assign more than one space to the end user. Assigned spaces are displayed on the Navigation bar where you can switch between the spaces.

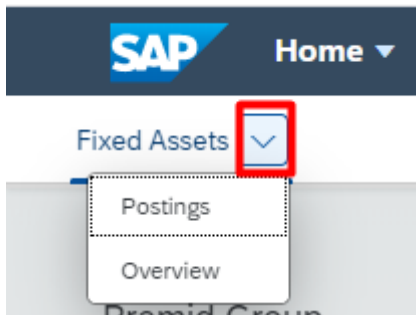
For creating, updating and deleting the spaces, **Manage Launchpad Spaces** app is developed. This app provides an overview of showing all spaces available in your launchpad and a detailed view for the spaces. We will show you how to use this application in next section.

Note

Manage Launchpad Spaces app is available from SAP S/4HANA cloud 2008. When we open this app, it will have SAP delivered spaces which can be used by copying them.

We cannot edit SAP delivered spaces

If a space has multiple pages, then a downward arrow mark will be displayed in space. We need to click on the space to see the available pages within the space.



What is a Page?

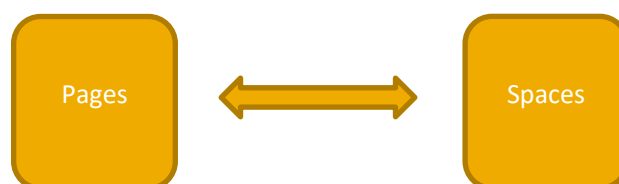
A page is a part of space that contains the apps clustered into different sections. These pages are displayed in the main area of launchpad. When we log in to the launchpad, we'll notice the apps and sections that are configured by administrator.

For maintaining the pages, we developed **Maintain Launchpad Pages** application from SAP S/4 HANA cloud 2008 onwards. With this app you can manage the launchpad pages, define the layout of pages and edit, copy or delete the existing pages. We will show a demo on how to use this application in coming chapters

Note

Manage Launchpad Pages app is available from SAP S/4HANA cloud 2008. When we open this app, it will have SAP delivered pages which can be used by copying them. We cannot edit SAP delivered pages

A single page can be assigned to multiple spaces. Space will contain more than one pages. Relation between pages and spaces would be many to many relation



Prerequisites

To use Manage Launchpad Spaces and Manage Launchpad Pages application we need to have SAP S/4HANA cloud 2008.

Business role SAP_BR_ADMINISTRATOR need to be assigned for system administrator.

Note

All the screenshots that attached in this chapter are end user perspective.
For Administrator perspective look into next chapters

Chapter 2

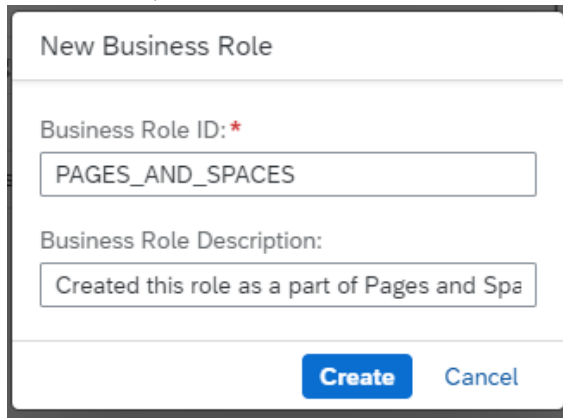
Creating Business Role

Business Role and catalog are needed to display a tile in Fiori launchpad layout. In this chapter we will show you how to create a business role how to assign the catalog to the business role. In addition, we will show on how to add the user in business role.

Creating Business Role

To create a new business role, do the following steps

1. Login to SAP Fiori launchpad and search for Maintain Business Roles application
2. Click on “Maintain Business Roles” application
3. Click on “New” to create a new business role
4. Fill-in the required information and click on “Create”



New Business Role

Business Role ID: *

PAGES_AND_SPACES

Business Role Description:

Created this role as a part of Pages and Spa

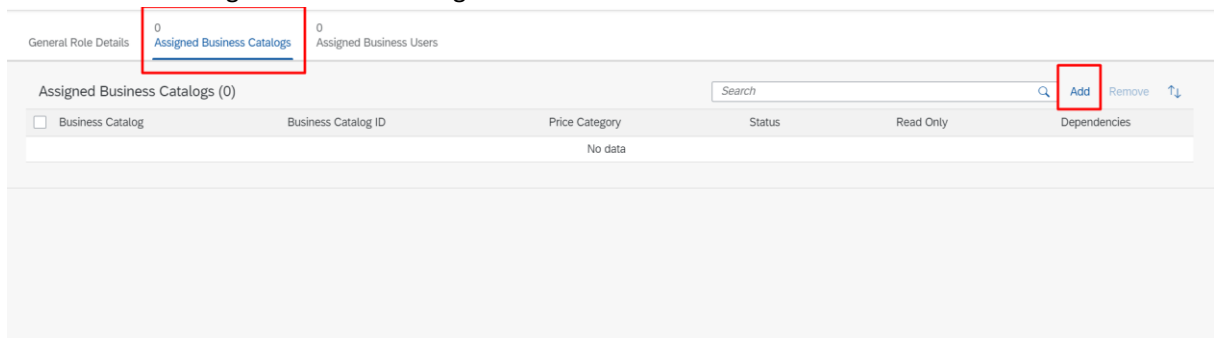
Create Cancel

5. Now the Business Role has been created

Assigning Business Catalogs to the Business Role

To assign business catalogs to business role, do the following steps

1. Login to SAP Fiori launchpad and search for Maintain Business Roles application
2. Click on “Maintain Business Roles” application
3. Click on the newly created role and click on “Edit”
4. Click on Add to assign a business catalog



General Role Details 0 Assigned Business Catalogs 0 Assigned Business Users

Assigned Business Catalogs (0)

Search Add Remove ↑↓

<input type="checkbox"/> Business Catalog	Business Catalog ID	Price Category	Status	Read Only	Dependencies
No data					

- You will get the list of business catalogs, select the catalogs and click on “Apply”

Add Business Catalogs

<input type="checkbox"/>	Application Support - Feature Request	SAP_CA_BC_DSX_FERE_PC	>
<input type="checkbox"/>	Application Support - Incident Handling	SAP_CA_BC_DSX_INCH_PC	>
<input type="checkbox"/>	Foundation - Extensibility Explorer Apps	SAP_CA_BC_EXT_COCKPIT_PC	>
<input type="checkbox"/>	Data Privacy - External Auditing	SAP_CA_BC_EXTERNAL_AUDIT_PC	>
<input type="checkbox"/>	End to End Implementation Experience - Feature Management	SAP_CA_BC_FM_DAD_PC	>
<input type="checkbox"/>	End to End Implementation Experience - Implementation Cockpit	SAP_CA_BC_IC_LND	>
<input type="checkbox"/>	End to End Implementation Experience - Implementation Cockpit Base	SAP_CA_BC_IC_LND_BASE	>
<input type="checkbox"/>	Accounts Receivable - Configuration	SAP_CA_BC_IC_LND_FIN_AR0_PC	>
<input checked="" type="checkbox"/>	Bank Accounting - Configuration	SAP_CA_BC_IC_LND_FIN_BA0_PC	>
<input checked="" type="checkbox"/>	Chart of Accounts - Configuration	SAP_CA_BC_IC_LND_FIN_COA_PC	>
<input checked="" type="checkbox"/>	Credit Management - Configuration	SAP_CA_BC_IC_LND_FIN_CR0_PC	>
<input type="checkbox"/>	Inventory Accounting - Configuration	SAP_CA_BC_IC_LND_FIN_IA0_PC	>
<input type="checkbox"/>	Finance Integration - Configuration	SAP_CA_BC_IC_LND_FIN_INT_PC	>
<input type="checkbox"/>	Overhead Cost Accounting - Configuration	SAP_CA_BC_IC_LND_FIN_OA0_PC	>
<input type="checkbox"/>	Profit Center Accounting - Configuration	SAP_CA_BC_IC_LND_FIN_PCA_PC	>

OK **Apply** Cancel

- You will get the selected list in Assigned Catalogs tab, click on “Save”

General Role Details **4 Assigned Business Catalogs** 0 Assigned Business Users

Assigned Business Catalogs (4)

<input type="checkbox"/> Business Catalog	Business Catalog ID	Price Category	Status	Read Only	Dependencies	
<input type="checkbox"/> End to End Implementation Experience - Implementation Cockpit Base	SAP_CA_BC_IC_LND_BASE	Advanced			0	>
<input type="checkbox"/> Bank Accounting - Configuration	SAP_CA_BC_IC_LND_FIN_BA0_PC	Advanced			1	>
<input type="checkbox"/> Chart of Accounts - Configuration	SAP_CA_BC_IC_LND_FIN_COA_PC	Advanced			1	>
<input type="checkbox"/> Credit Management - Configuration	SAP_CA_BC_IC_LND_FIN_CR0_PC	Advanced			1	>

Save Cancel

Assigning Business Users to the Business Role

To assign business users to business role, do the following steps

- Login to SAP Fiori launchpad and search for Maintain Business Roles application
- Click on “Maintain Business Roles” application
- Click on the newly created role and click on “Edit”
- Click on Assigned Business Users tab, click on Add

General Role Details 4 Assigned Business Catalogs **0 Assigned Business Users**

Assigned Business Users (0)

<input type="checkbox"/> User Name	First Name	Last Name	Person ID	User ID	Price Category
No data					

Add Remove ↑↓

Save Cancel

5. You will get the list of Business Users, select the users and click on “Ok”

Add Business Users

Standard * ▾

Hide Filter Bar Filters Go

User Name: First Name: Last Name: Person ID:

Search

<input checked="" type="checkbox"/>	User Name	First Name	Last Name	Person ID	User ID
<input checked="" type="checkbox"/>					

OK Apply Cancel

6. Click on “Save”

Now we have a Business role with assigned catalogs and users. Note this Business role which we will use this in coming chapter assigning space to a business role.

Chapter 3

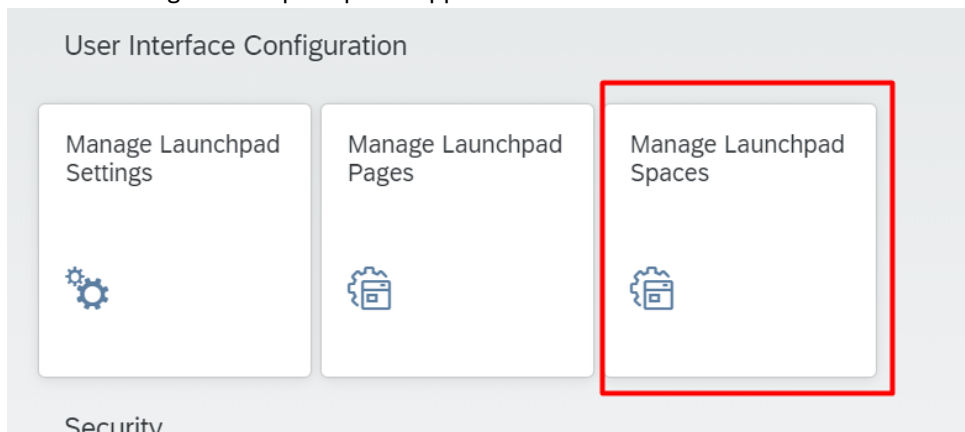
Creating a Space

In this chapter we will show how to create a space and assign it to a business role. Only Administrator can create and manage the spaces.

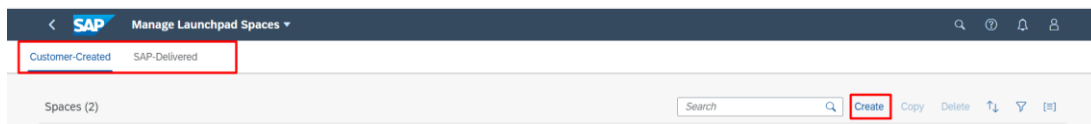
Create a Space

To create a space in Fiori launchpad, do the following steps

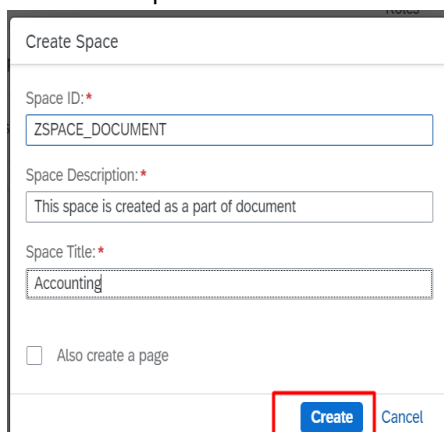
1. Login to Fiori launchpad and go to “User Interface Configuration” group
2. Click on Manage Launchpad Spaces app



3. Manage Launchpad Spaces app will be launched, here we have two tabs Customer-Created and SAP-Delivered, select Customer-Created and click on Create



4. Fill-in the required information and click on “Create”



Note

Space ID need to start with Z**

We can create the page here itself by selecting “Also create a page” check box and it will automatically assign to this space, for now we are ignoring this option as we are going to cover this in next chapter

5. Click on “Save” to create a space

Assigning Space to Business Role

Spaces need to be assigned to business role to appear on Fiori launchpad. To assign the space to a business role, do the following steps

1. Login to Fiori launchpad and go to “Identity and Access Management” group
2. Click on “Maintain Business Roles” application
3. Select the newly created business role (in previous chapter), click on Edit

SAP Maintain Business Role

Created this role as a part of Pages and Spaces document **Edit** Display Restrictions Display Changes Create Derived Business Role Manage Launchpad Space Copy Download

PAGES_AND_SPACES

Write Access: No Access Read Access: Unrestricted Value Help Access: Unrestricted Changed By: Madhusudhan Sangam Changed On: 2020-08-11, 01:45:18 AM Editing Status: Active Exported: No

General Role Details 4 Assigned Business Catalogs 1 Assigned Business Users

Business Role ID: PAGES_AND_SPACES

Business Role Description: Created this role as a part of Pages and Spaces document

Business Role Long Text:

4. Click on “Manage Launchpad Space”

SAP Maintain Business Role

Created this role as a part of Pages and Spaces document Maintain Restrictions Display Changes Create Derived Business Role **Manage Launchpad Space** Copy Download

PAGES_AND_SPACES

Write Access: No Access Read Access: Unrestricted Value Help Access: Unrestricted Draft Last Changed By: Madhusudhan Sangam Draft Last Changed On: 2020-08-11, 01:48:47 AM Editing Status: Draft

General Role Details 4 Assigned Business Catalogs 1 Assigned Business Users

Business Role ID: PAGES_AND_SPACES

Business Role Description: Created this role as a part of Pages and Spaces document

Business Role Long Text:

Price Category: Advanced

5. Select Use Existing space option in Assign Space to Business Role drop down and Select the space that we created in previous section

Manage Launchpad Space

Assigned Space ID:

Assign Space to Business Role: Use Existing Space

Select a Space: ZSPACE_DOCUMENT

Create and Assign Space Remove Space Cancel

6. Click on Create and Assign Space
7. Click on Save
8. To make sure whether this space added to Business role or not, go to “Manage Launchpad Spaces” app

9. Click on the space and go to “Roles” tab

ZSPACE_DOCUMENT

Edit

Copy

Delete

This space is created as a part of document

General

Pages

Roles

Roles (1)

ID

PAGES_AND_SPACES

Description

Created this role as a part of Pages and Spaces document

Maintain Business Roles

↑↓

Now the space is added to all the users who has this business role

Chapter 4

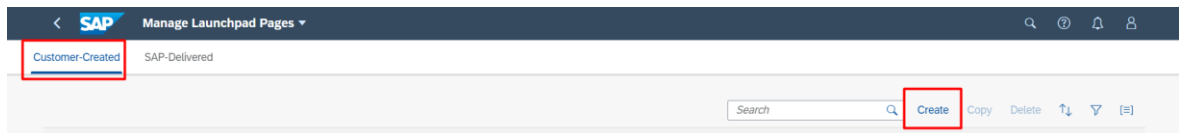
Creating a Page

In this chapter we will focus on how to create a page and configure the sections inside the page. Also, we will focus on how to assign a page to multiple spaces.

Create a Page

To create a page, do the following steps

1. Login to Fiori launchpad and go to “User Interface Configuration” group
2. Click on “Manage Launchpad Pages” application
3. Click on “Create” under Customer-Created tab



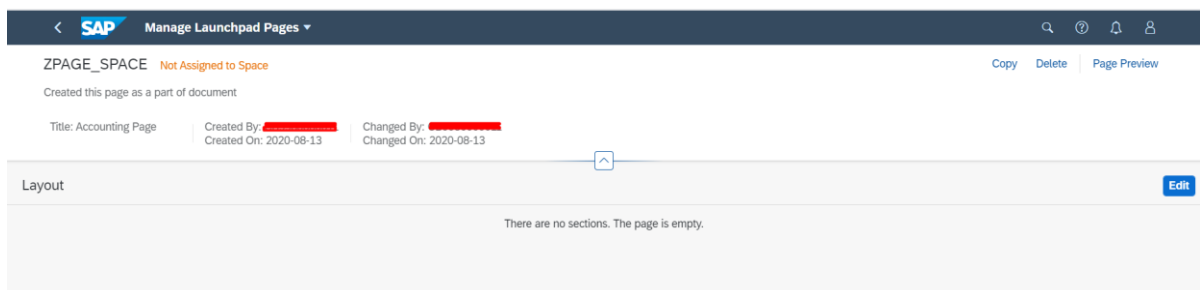
4. Fill-in the required information and click on Create

A screenshot of the 'Create Page' form in the SAP Fiori application. The form has three main input fields: 'ID: *' with the value 'ZPAGE_SPACE', 'Description: *' with the value 'Created this page as a part of document', and 'Title: *' with the value 'Accounting Page'. At the bottom right of the form, there is a blue 'Create' button highlighted with a red box, and a grey 'Cancel' button next to it.

Note

Page ID need to start with Z**

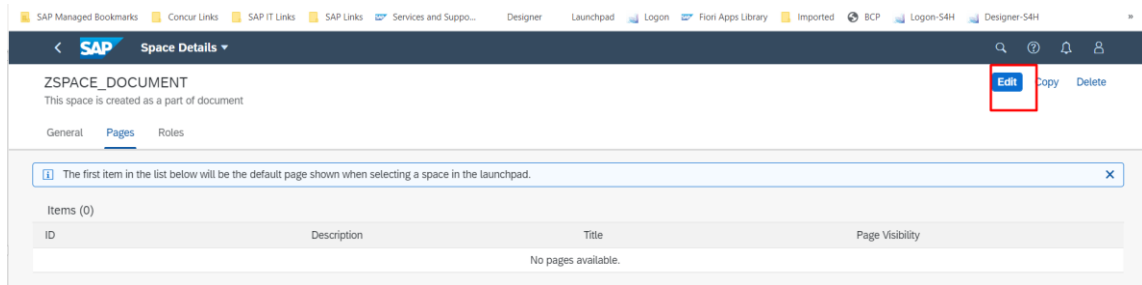
5. Page will be created with an empty layout



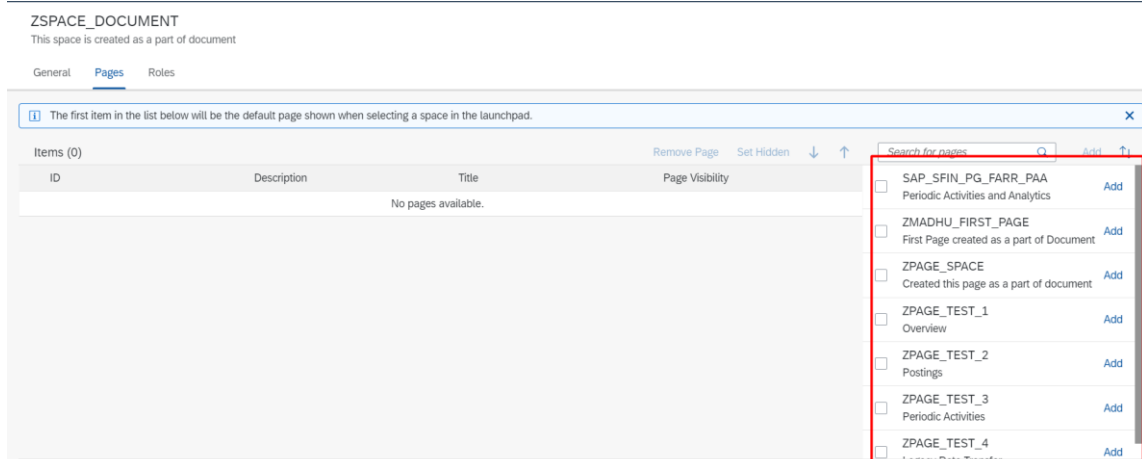
Assigning Page to a Space

To configure the pages with sections and tiles we need to assign this page to a space. To assign this page to space, do the following steps

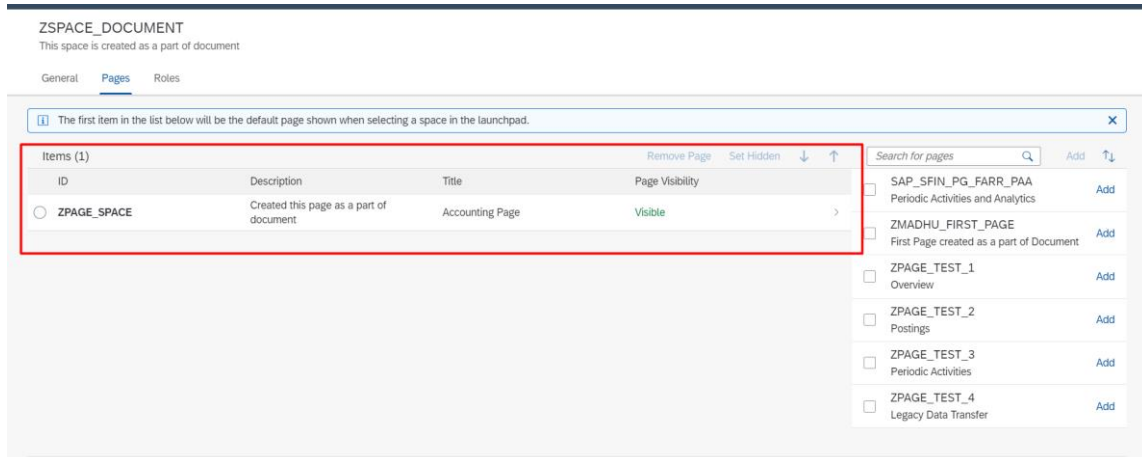
1. Login to Fiori launchpad and go to “User Interface Configuration” group
2. Click on Manage Launchpad Spaces
3. Click on the space that we created in previous chapter and click on “Edit”



4. On right side of the page you will see the list of the pages that we created



5. Click on “Add” to add the pages, added pages will appear under Pages tab



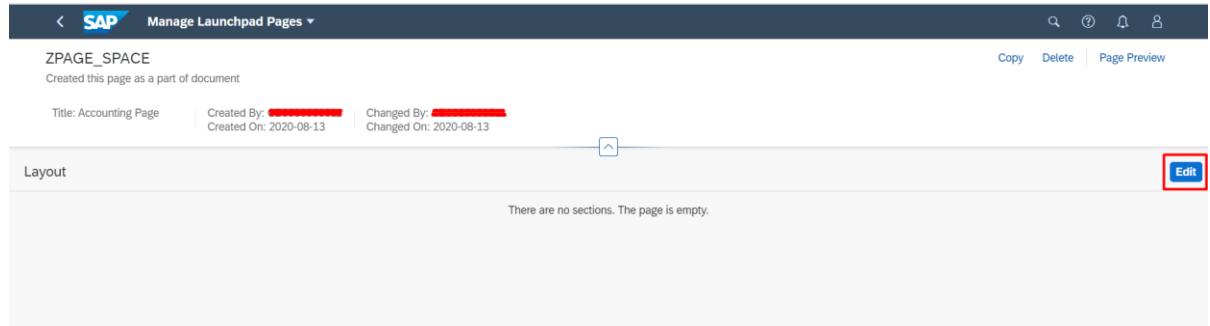
6. Click on “Save”

Configuring the Pages in space

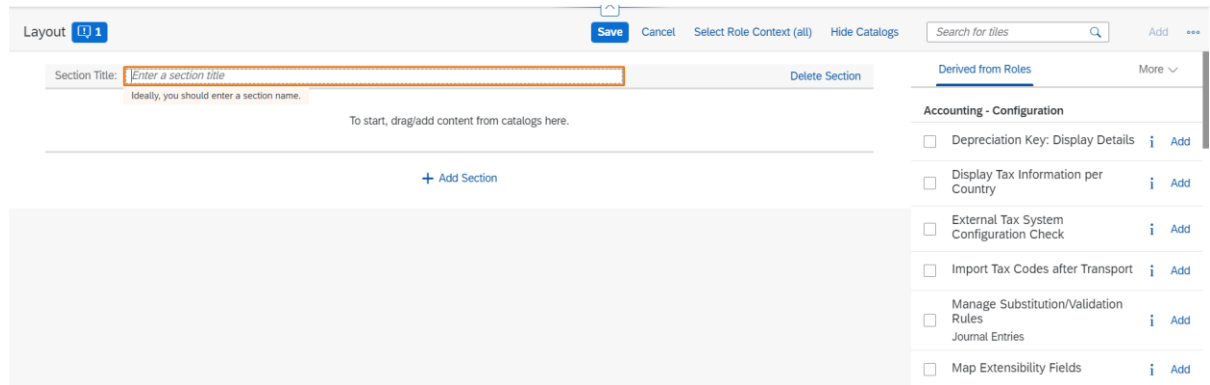
After assigning the page to a space, we can define the tiles which we want to show on the layout. Configuring a page means add/delete a tile from page, add/delete a section from the page. To configure the page, do the following steps

1. Login to Fiori launchpad and click on “Manage Launchpad Spaces”
2. Click on the Space and click on the page that we added in previous section

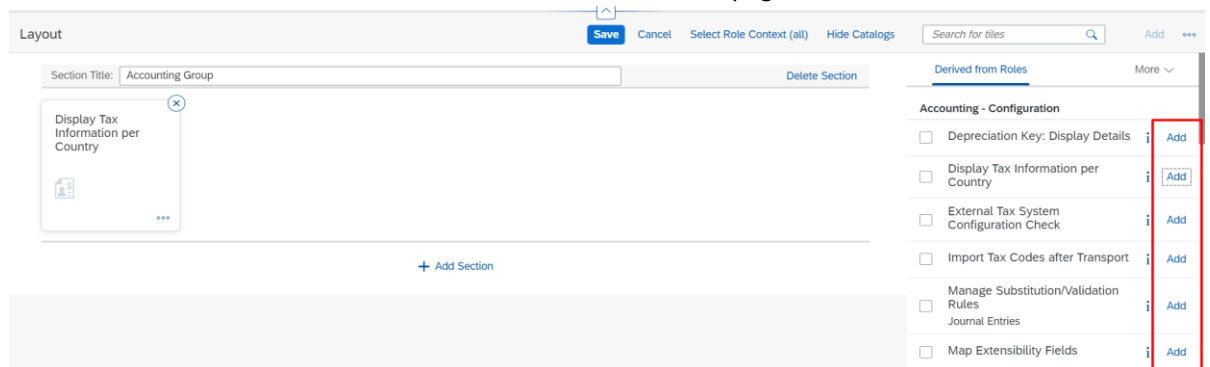
3. Click on Edit to design the layout



4. When we click in "Edit" screen looks like below



5. Enter the Section title and click on "Add" to add the tiles to the page



Note


Tiles that are shown in the above image are derived from the roles that assigned to the space. If we want to see more tiles, then we need to add the catalogs to the roles.

6. To Add a section, click on Add Section and enter title

Layout Save Cancel Select Role Context (all) Hide Catalogs

Section Title: Delete Section

Display Tax Information per Country



+ Add Section

7. If there are more than one section in page, adding tile will give us an extra option to select the section

Add ...

<input type="checkbox"/>	Manage Substitution/Validation Rules Journal Entries	i Add
<input type="checkbox"/>	Map Extensibility Fields	i Add
<input type="checkbox"/>	Profit Center Substitution Service Document	i Add
<input type="checkbox"/>	Set Substitution	Add
<input type="checkbox"/>	Substitution	Add
<input type="checkbox"/>	Synchronize Data	Add
Accounting - Data Correction		
<input type="checkbox"/>	Schedule Accounting Data Corrections	i Add
Accounts Receivable - Configuration		

Add to Sections

☐ Accounting Group

☐ Accounting 2 Group

Add Cancel

8. Select the Sections and click on Add

Title: Accounting Page Created By: CB9980000011 Changed By: CB9980000011
Created On: 2020-08-13 Created On: 2020-08-13 Changed On: 2020-08-13

Layout Save Cancel Select Role Context (all) Hide Catalogs

Section Title: Delete Section

Depreciation Key:
Display Details

+ Add Section

Section Title: Delete Section

Profit Center
Substitution
Service Document

+ Add Section

9. Click on Save and go back to see the changes appeared on page or not

< **SAP** Manage Launchpad Pages

ZPAGE_SPACE Copy Delete Page Preview

Created this page as a part of document

Title: Accounting Page Created By: Changed By: Created On: 2020-08-13 Created On: 2020-08-13 Changed On: 2020-08-13

Layout Edit

Accounting Group

Depreciation Key:
Display Details

Accounting Group 2

Profit Center
Substitution
Service Document

Chapter 5

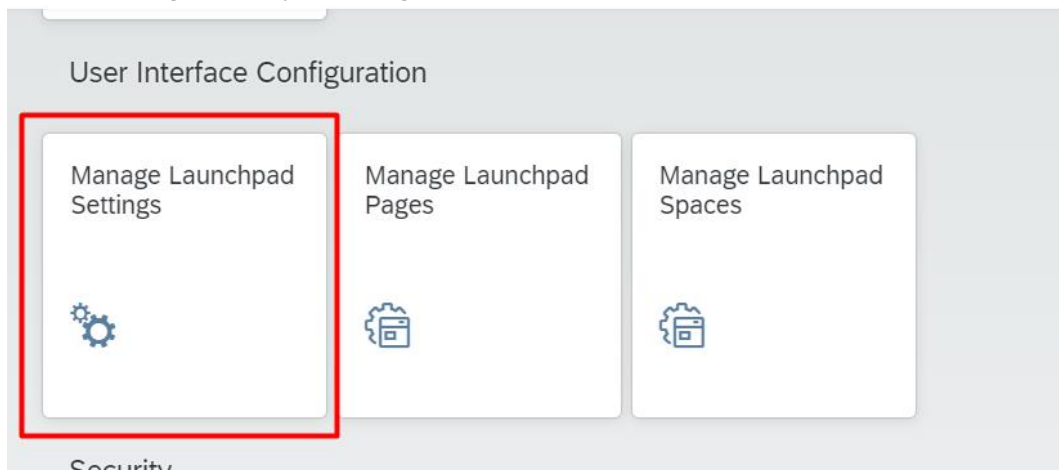
Enabling Spaces to End User

Till now we have created spaces and pages in previous chapters. In this chapter we will focus on how to enable spaces to the end users and what options available to the end user.

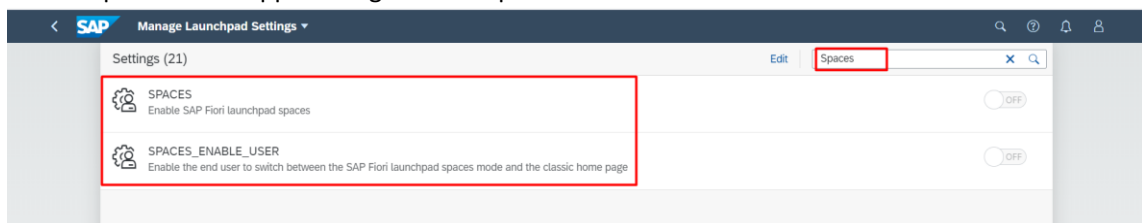
Enable Spaces to End User in default

To enable spaces for end user, do the following steps

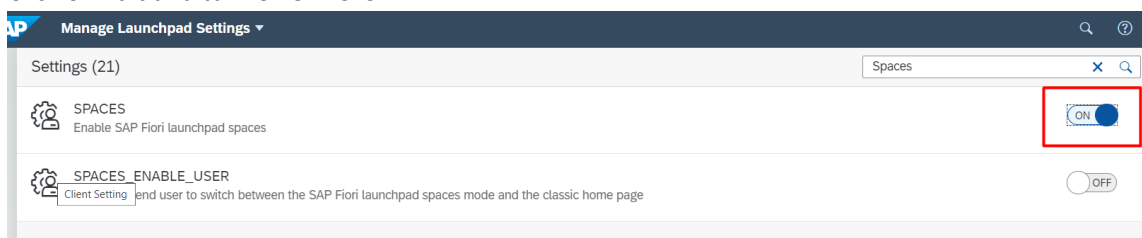
1. Login to Fiori launchpad and go to “User Interface Configuration” group
2. Click on Manage Launchpad Settings



3. Search Spaces in the app which gives two options



4. Click on Edit and turn on SPACES



Note

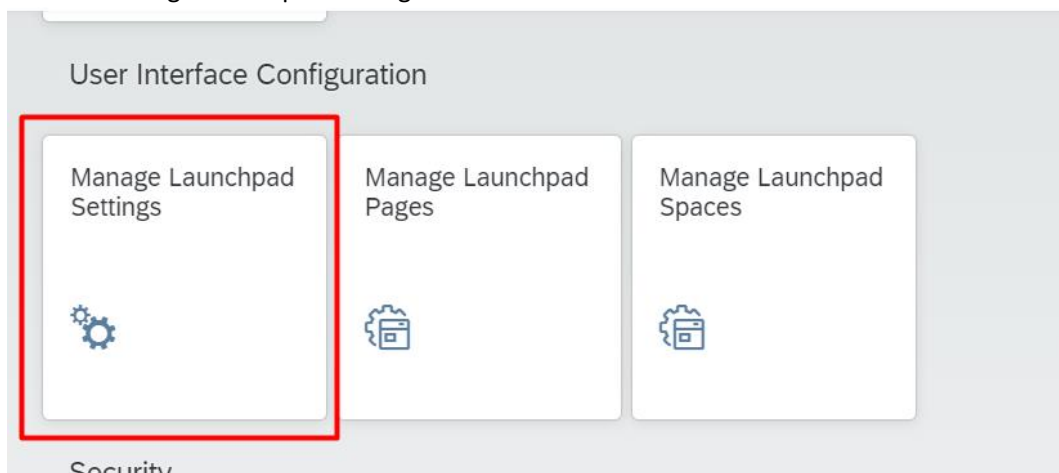
If “SPACES” option is turned on, then all the end users will see the assigned spaces. If an End User is not assigned to any space, then they will see the blank page and displays “Cannot find a page assigned to you. Please contact your system administrator”

5. Click on Save

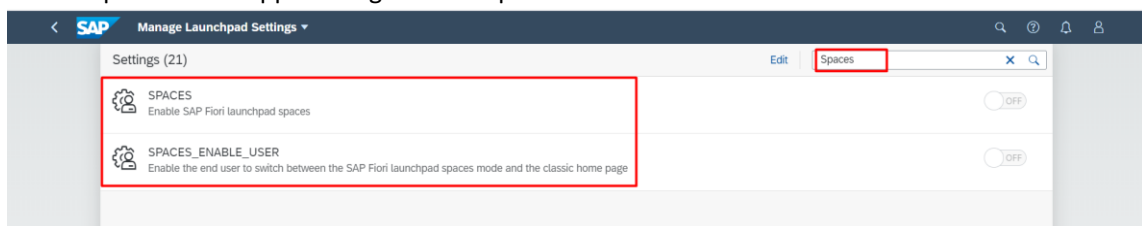
Enable Spaces to End User as an option

We have another option to enable the spaces to end users, i.e. giving option to the end users to switch between Spaces and launchpad groups. To enable this, do the following steps

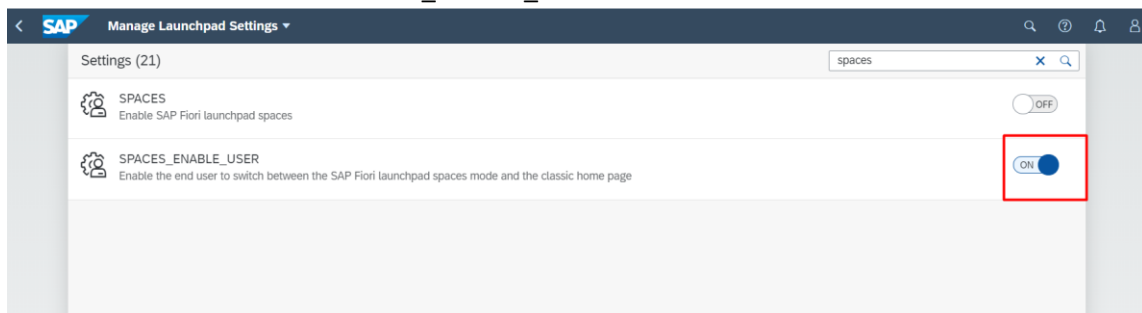
1. Login to Fiori Launchpad and go to “User Interface Configuration” group
2. Click on Manage Launchpad Settings



3. Search Spaces in the app which gives two options



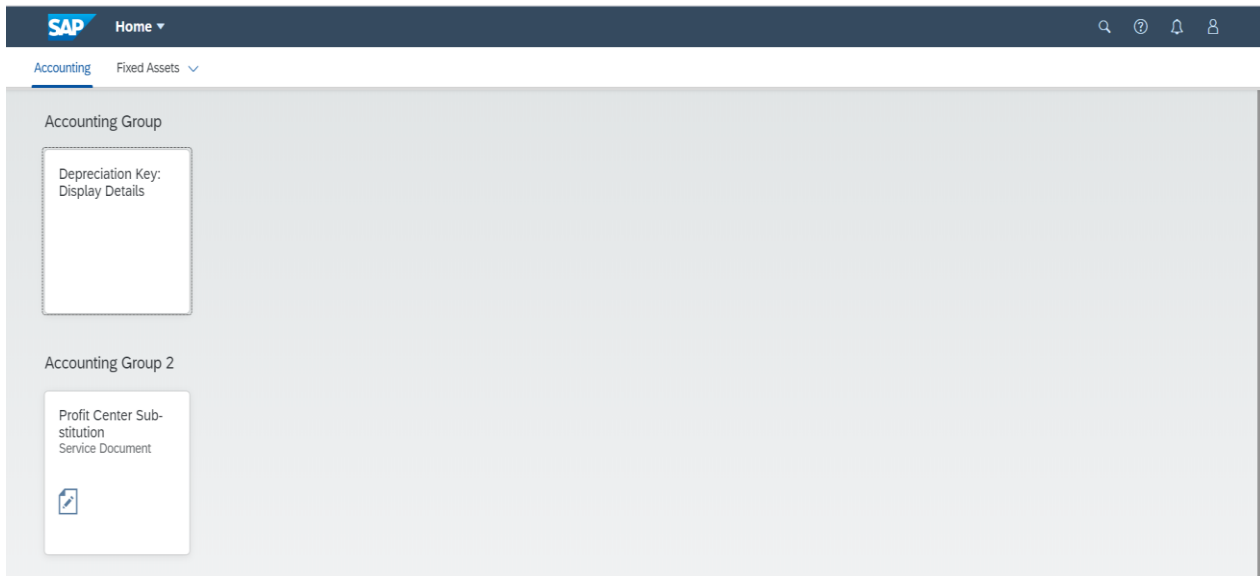
4. Click on Edit and turn on the SPACES_ENABLE_USER



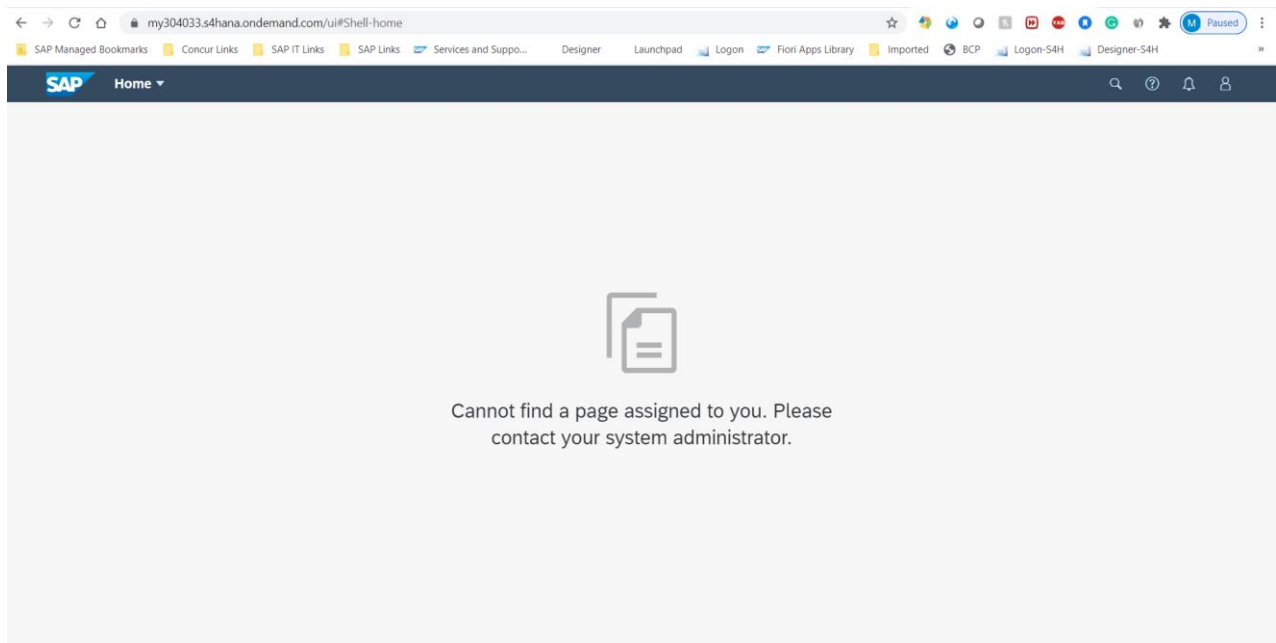
5. Click on Save

End User View after enabling Spaces

If SPACES option is enabled in Manage Launchpad Settings app then when we logged into Fiori launchpad as end user, we will see the layout like below



When an end user does not have any space assigned then below screen appears when Fiori launchpad is launched

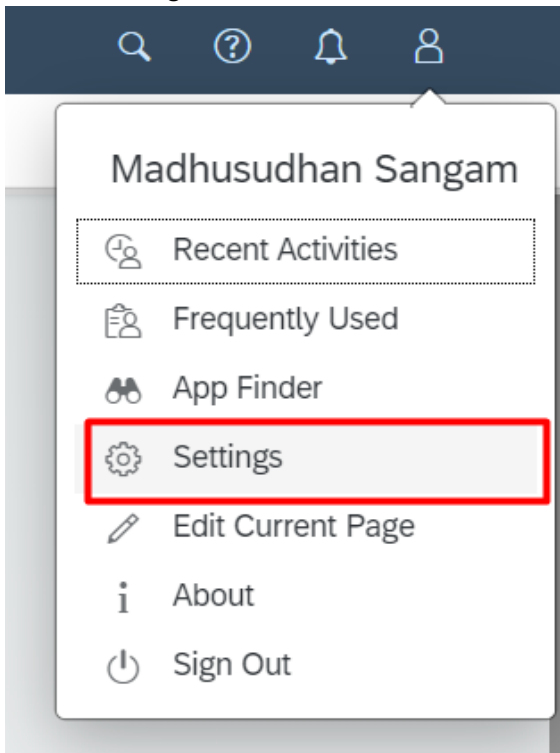


If SPACES_ENABLE_USER option is enabled in Manage Launchpad Settings app then end user can choose between groups and spaces. To switch between spaces and groups, do the following steps

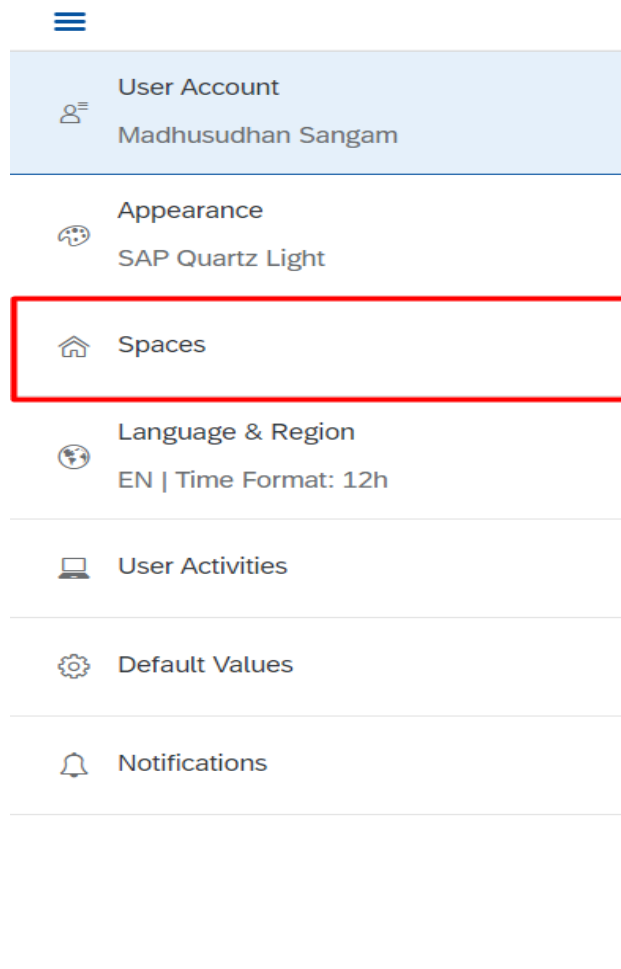
1. Login to Fiori launchpad and click on Profile Icon



2. Click on Settings



3. Click on Spaces



4. Select the checkbox Use Spaces

User Account

Madhusudhan Sangam

Appearance

SAP Quartz Light

Spaces

Language & Region

EN | Time Format: 12h

User Activities

Default Values

Notifications

Settings

Spaces

☒ Use Spaces

Enable to see your apps clustered in different spaces. Disable to see the classic home page. When you change the setting and save, the launchpad will be restarted.

Save

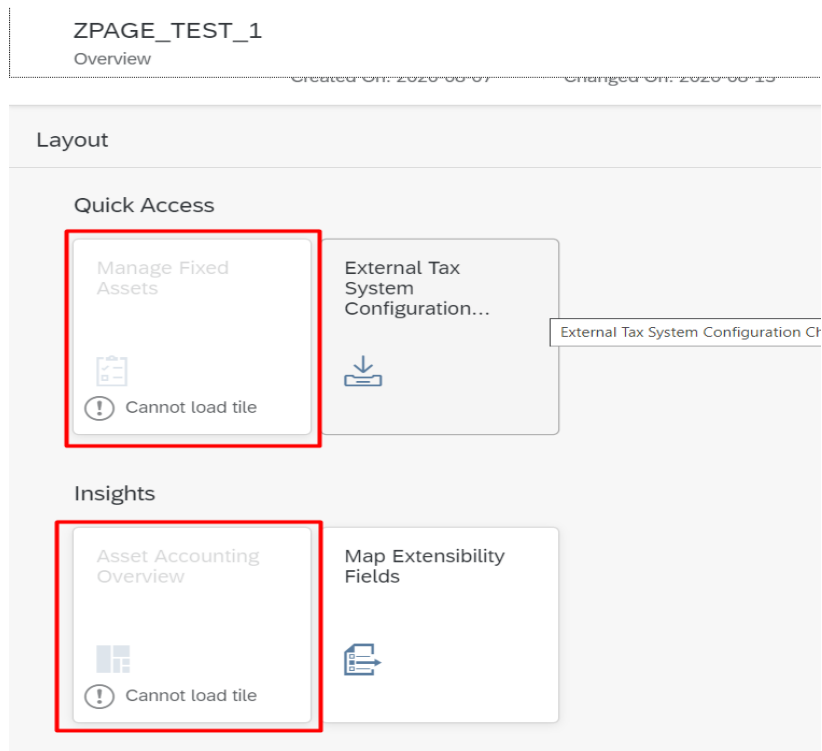
Cancel

Note

If end user wants to see the groups, then repeat the above steps and uncheck the Use Spaces option

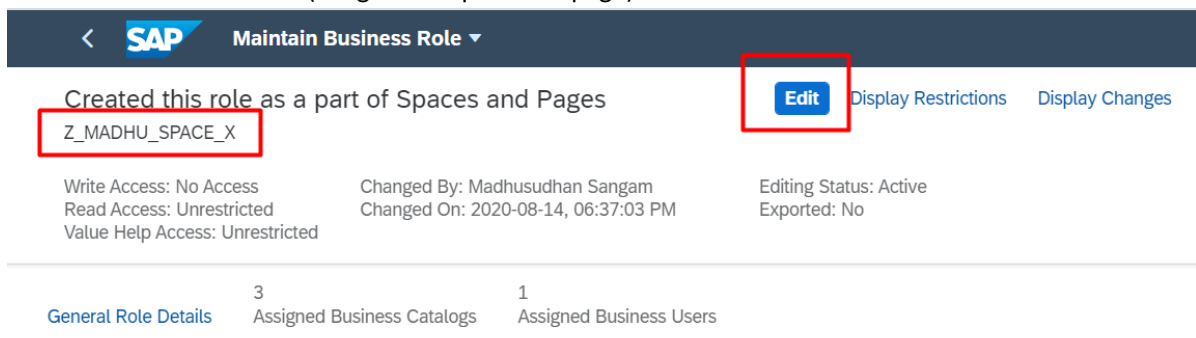
5. Click on Save, changes will be saved and launchpad will be loaded with spaces automatically

Cannot load tile when configuring Pages



Cannot load tile error on configuring pages appear when business catalog of that tile is not assigned to your user Id. To resolve this error, do the following steps

1. Login to Fiori launchpad and click on Maintain Business Roles
2. Click on the Business Role (assigned to space and page) and click on Edit



3. Click on Business Catalogs tab and click on Add

Created this role as a part of Spaces and Pages
Z_MADHU_SPACE_X

Maintain Restrictions Display Changes Create Derived Business Role Manage Launchpad Space Copy Download

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General Role Details **3 Assigned Business Catalogs** 1 Assigned Business Users

Assigned Business Catalogs (3) **Add** Remove ↑↓

4. Add the Business Catalog which has the tile

Ex: Asset Accounting Overview belongs to SAP_SFIN_BC_AA_GEN_REP

Fiori Search and App Finder displays the tiles that are not added on Page

This is the intended behavior Fiori Search displays all the tiles that are assigned to your user id. End user can find them in App Finder as well. The access to apps is managed by the catalogs that are assigned to the end user through business roles. With the introduction of spaces and pages we introduced alternative layout capabilities to define, what the end user directly sees on a page when they open the launchpad. In this concept we have not done any changes in authorization handling of apps. This is possible when administrator can create their own business catalog. For now, we do not have any feature to create business catalog in S/4 HANA Cloud.