

PUBLIC

# **SAP Fiori for SAP S/4HANA - Rapid Activation and Content Management**

## **DT267**

Exercises / Solutions  
Carola Steinmaier, Sven Krueppel-Berndt / SAP SE

## TABLE OF CONTENTS

<b>DISCOVER SAP FIORI APPS .....</b>	<b>5</b>
Overview .....	5
Explore SAP Fiori apps reference library.....	5
Browse and select lighthouse apps for later activation .....	13
Summary .....	18
<b>ACTIVATE SAP FIORI CONTENT .....</b>	<b>19</b>
Overview .....	19
Access SAP Fiori Rapid Activation task list.....	19
Scope and configure content activation .....	21
Execute activation task list.....	26
Check generated users and roles .....	29
Test activated content in SAP Fiori launchpad .....	35
Summary .....	39
<b>ADAPT AND CUSTOMIZE SAP FIORI CONTENT.....</b>	<b>40</b>
Overview .....	40
Search for an app across all catalogs .....	40
Explore SAP Fiori catalogs.....	45
Create a custom catalog as copy of an SAP catalog.....	49
Change the custom catalog content.....	51
Add the custom catalog to role .....	56
Activate custom Fiori content .....	61
Enhance authorizations for the additional app .....	64
Test custom the catalog in SAP Fiori launchpad .....	69
Summary .....	73
<b>BUILD CUSTOM SAP FIORI CONTENT FROM SCRATCH .....</b>	<b>74</b>
Overview .....	74
Create a new tile within a technical catalog.....	74
Create a new business catalog .....	79
Assign the business catalog to a user .....	84
Test custom content in SAP Fiori launchpad .....	87
Summary .....	89
<b>MANAGE AND USE LAUNCHPAD SPACES AND PAGES .....</b>	<b>90</b>
Overview .....	90
Create a new space .....	91
Assign the space to a role .....	95
Add content to the page.....	99
Create a new page with manual scoping .....	106

<b>Assign the page to the space .....</b>	<b>112</b>
<b>Use launchpad in spaces mode as end user .....</b>	<b>115</b>
<b>Summary .....</b>	<b>125</b>

# BEFORE YOU START

This Hands-On session covers several phases of an SAP Fiori implementation project.

Starting with the discovery of SAP Fiori apps, you then will activate SAP Fiori content to experience SAP Fiori apps and finally customize the content and SAP Fiori launchpad page layout according to your needs. Hereby, SAP Fiori spaces and pages are introduced as a new concept to define the launchpad layout.

It's recommended to keep the order of the exercises as described.

Part 1: Discover SAP Fiori Apps

Estimated Duration: 10 minutes

Part 2: Activate SAP Fiori Content

Estimated Duration: 15 minutes

Part 3: Adapt and Customize SAP Fiori Content

Estimated Duration: 30 minutes

Part 4: Build Custom SAP Fiori Content from Scratch

Estimated Duration: 15 minutes

Part 5: Manage and Use Launchpad Spaces and Pages

Estimated Duration: 20 minutes

# DISCOVER SAP FIORI APPS

## Overview

Estimated time: 10 minutes

### Objective

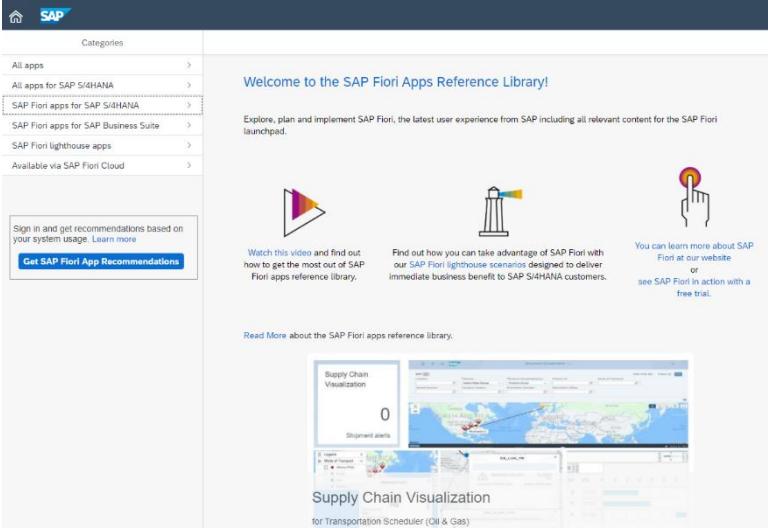
In the role of a SAP Fiori content administrator you browse for SAP Fiori applications delivered by SAP. You are looking for available features and functions, as well as information on the technical prerequisites and required configuration tasks.

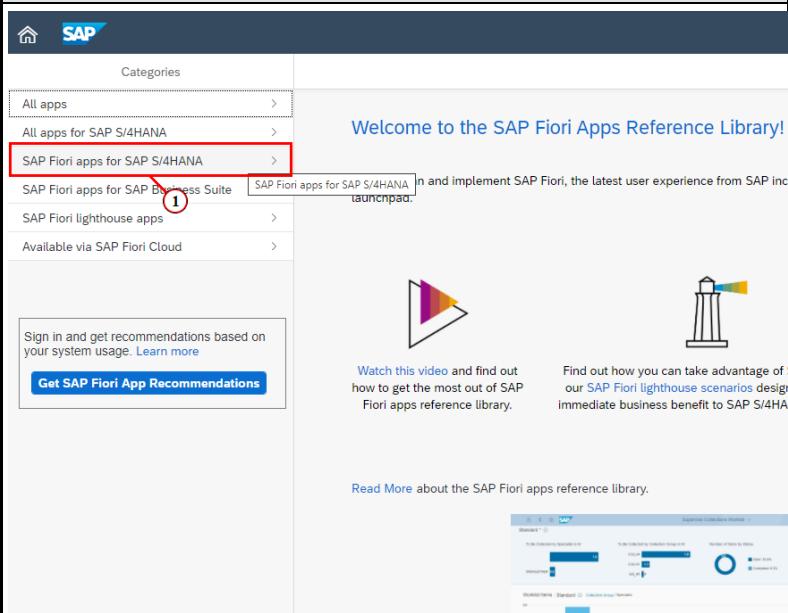
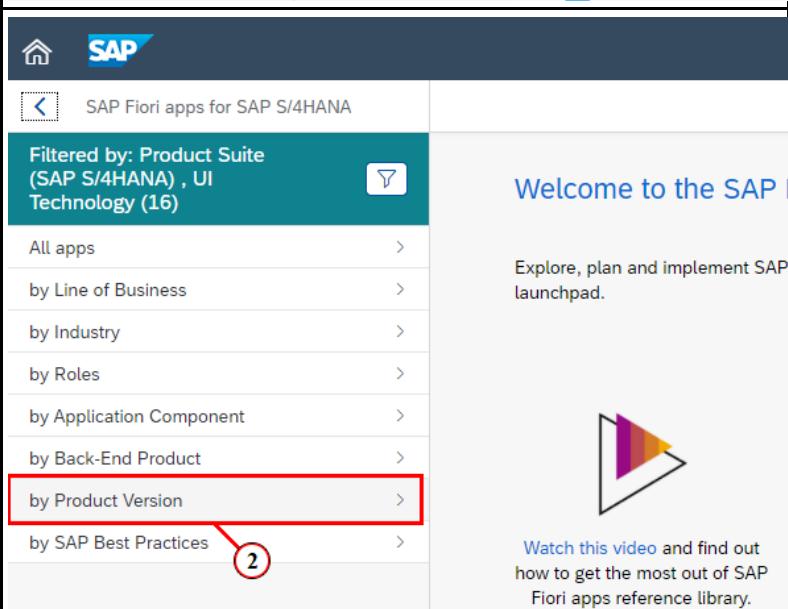
### Exercise Description

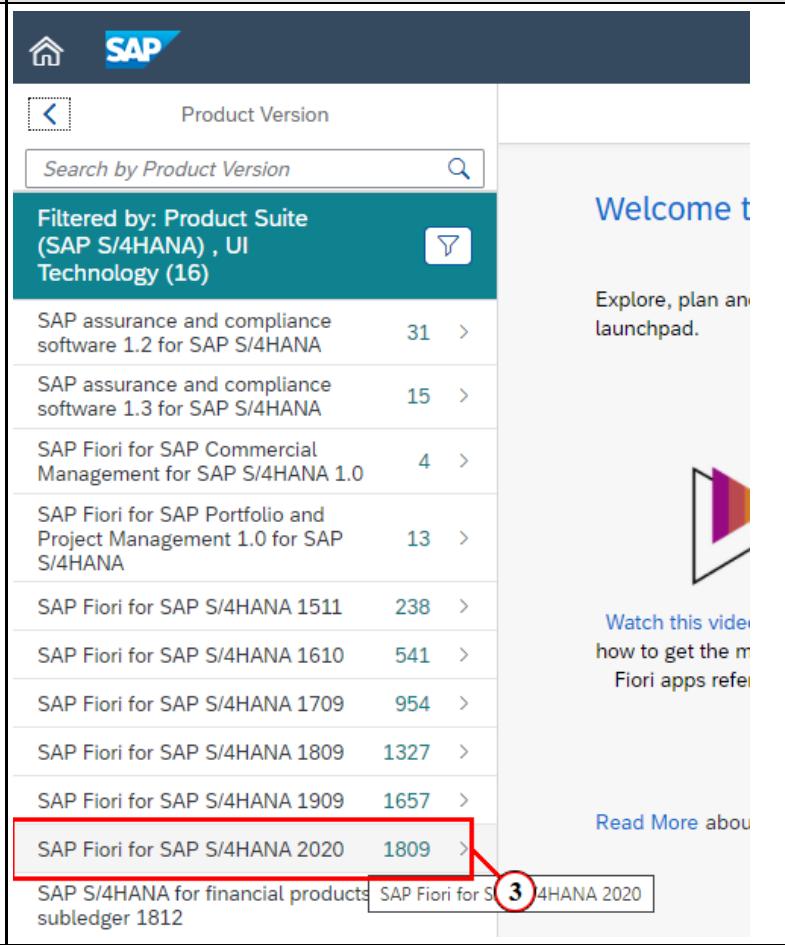
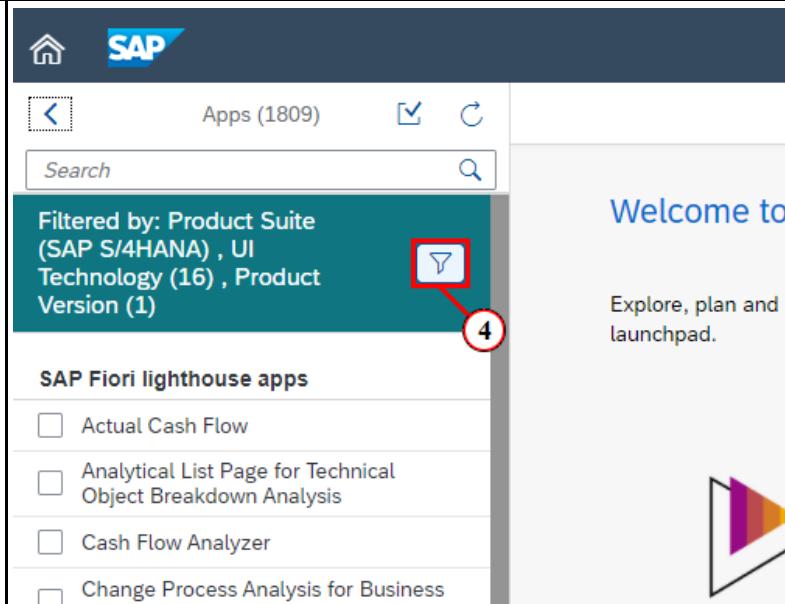
In the following exercise you will learn how to detect relevant SAP Fiori apps delivered by SAP, and how to get the required technical information to make the apps available for the end users. During this exercise you perform the following actions:

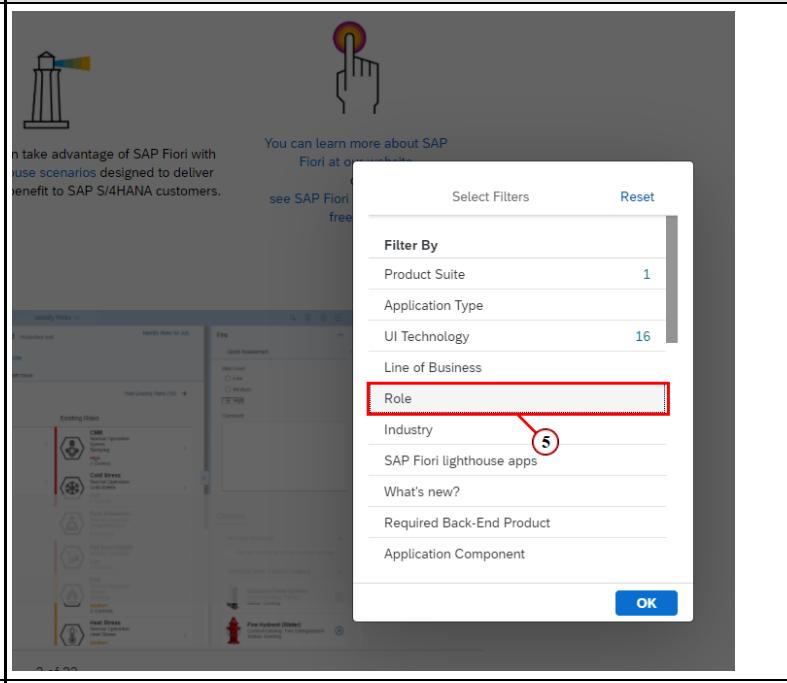
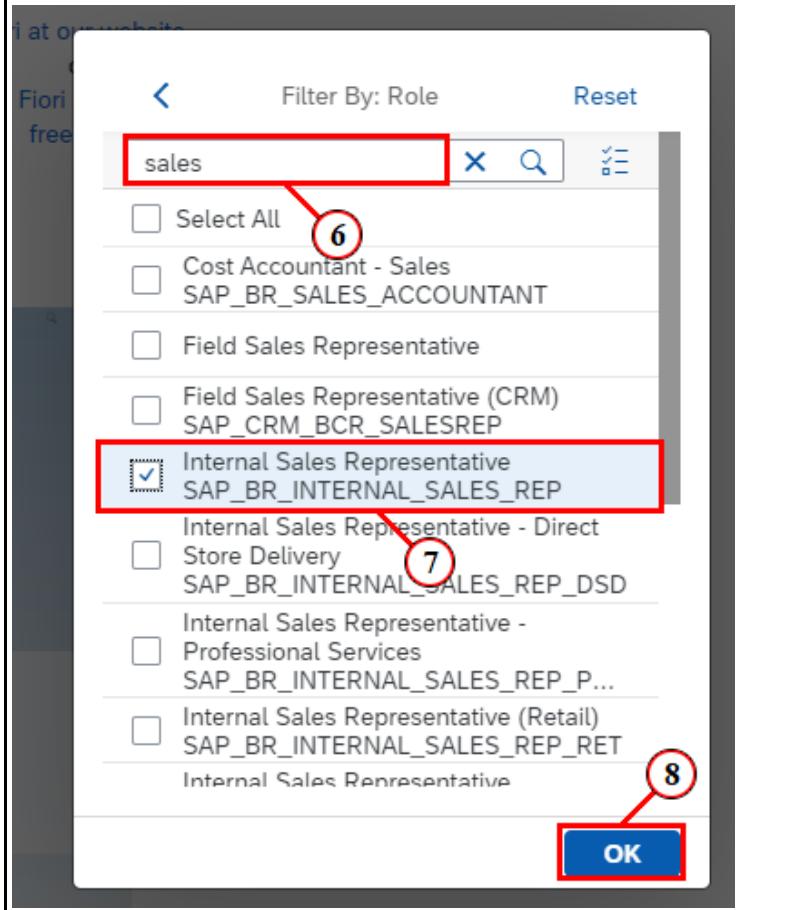
- Access SAP Fiori apps reference library
- Browse for SAP Fiori apps delivered with SAP S/4HANA
- Browse for SAP Fiori lighthouse apps
- Show technical information for selected SAP Fiori apps
- Export relevant SAP business roles

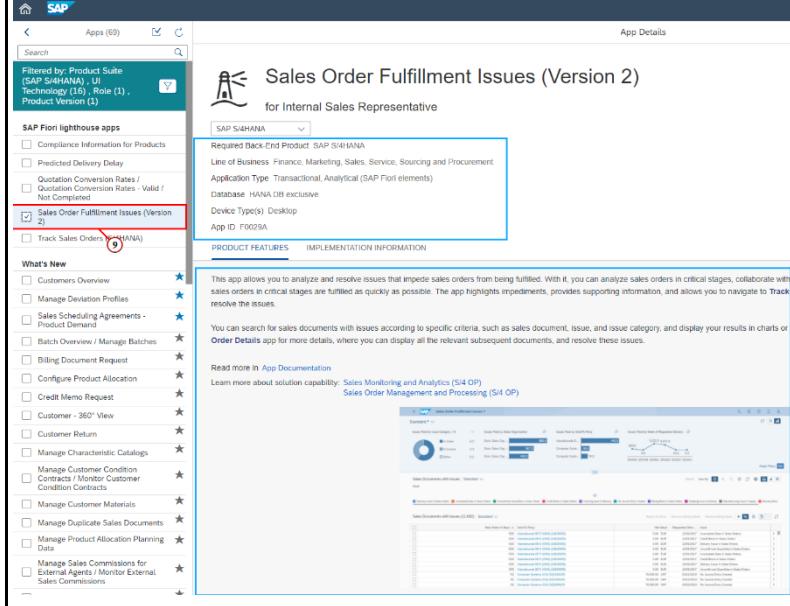
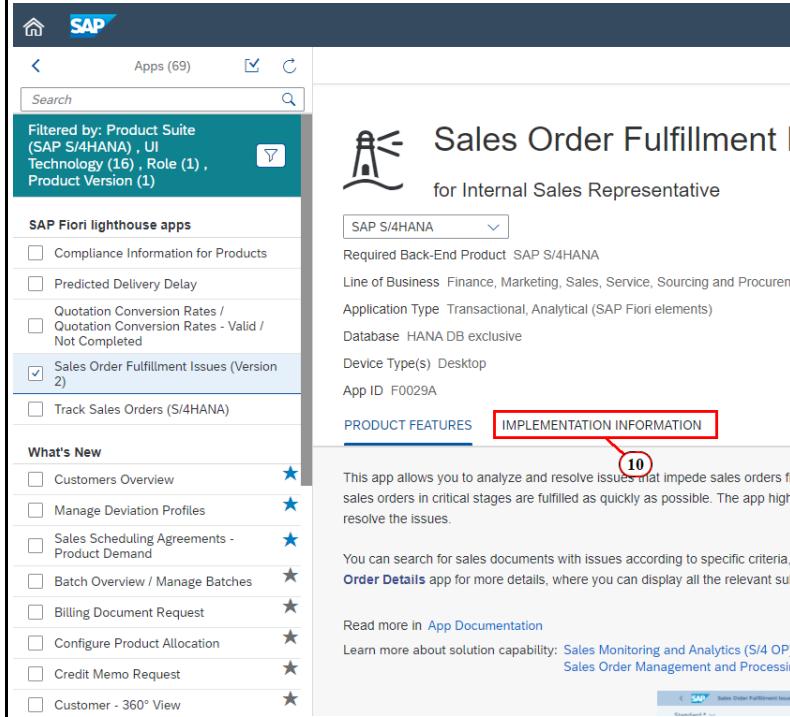
## Explore SAP Fiori apps reference library

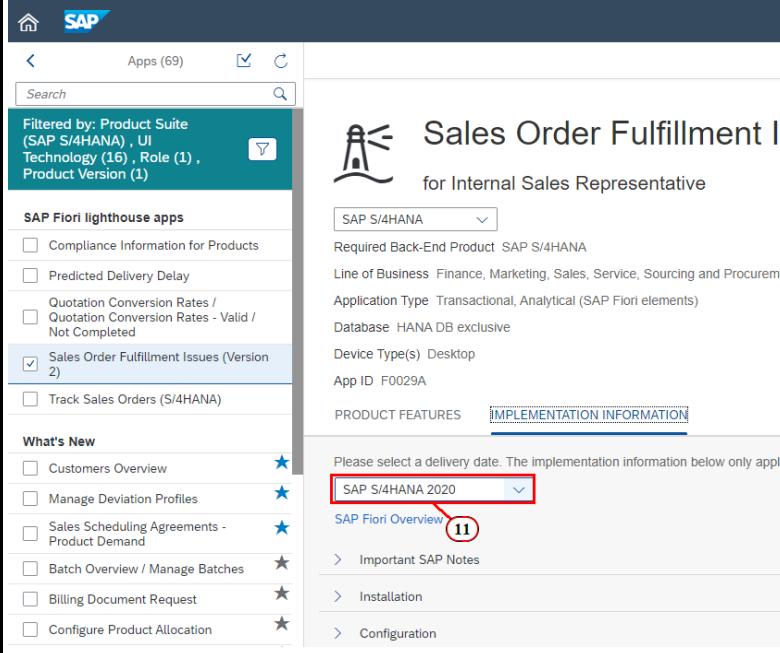
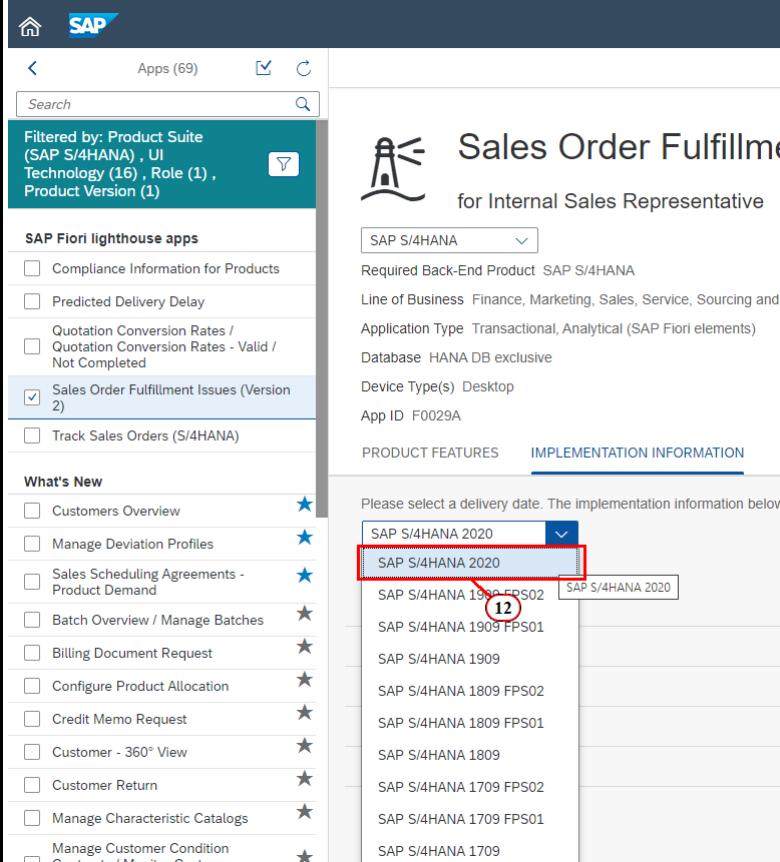
Explanation	Screenshot
<p> Open a browser window (Google Chrome, e.g.) and launch SAP Fiori apps reference library using URL  <a href="https://fioriappslibrary.hana.ondemand.com/">https://fioriappslibrary.hana.ondemand.com/</a></p>	

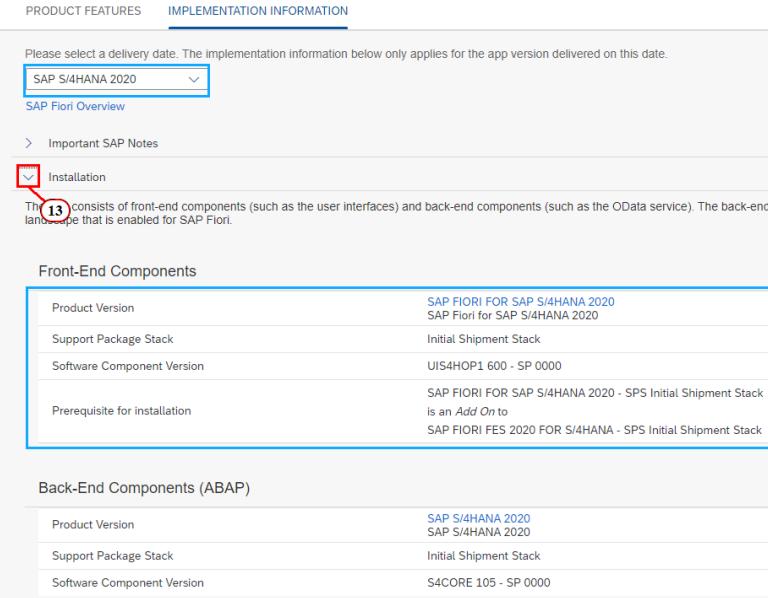
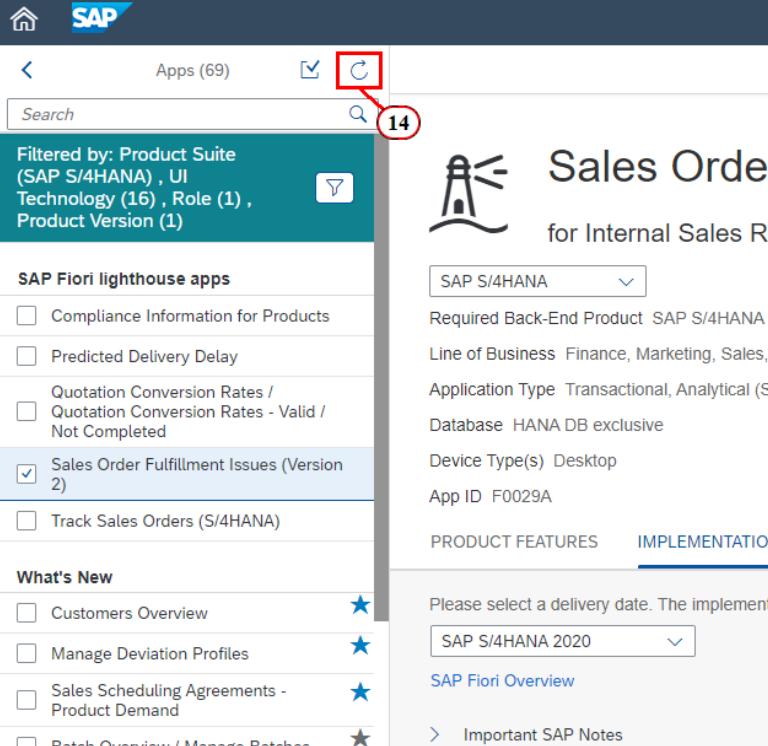
Explanation	Screenshot
<p> SAP Fiori apps reference library offers multiple options to explore SAP Fiori apps delivered by SAP.</p> <p>In this exercise you will search for SAP Fiori apps delivered with SAP S/4HANA 2020 for business role Internal Sales Representative.</p> <p>1. Choose SAP Fiori apps for SAP S/4HANA.</p>	
<p>2. Choose by Product Version.</p>	

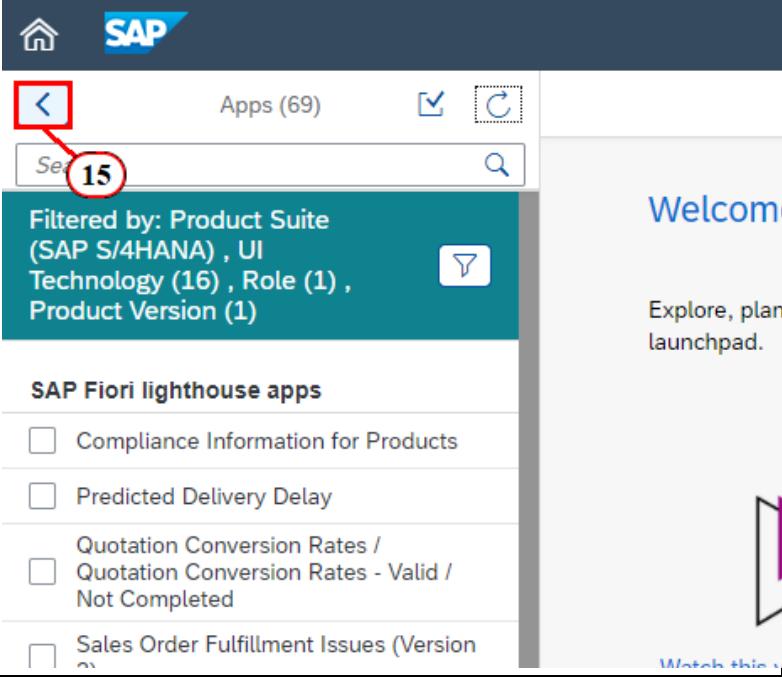
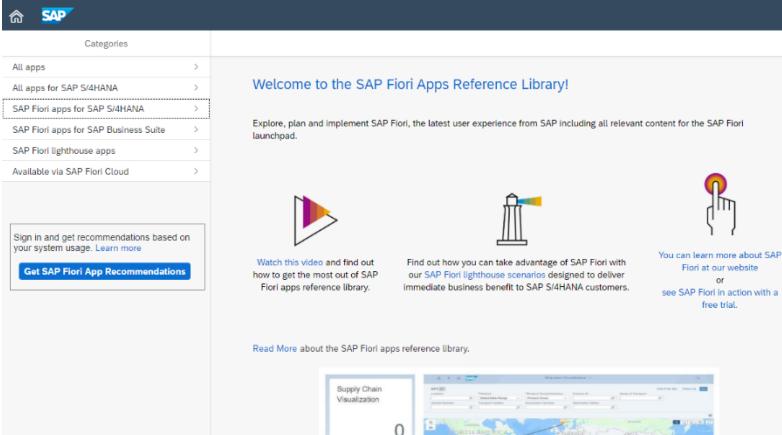
Explanation	Screenshot
<p>3. Choose SAP Fiori for SAP S/4HANA 2020.</p>	 <p>The screenshot shows the SAP Fiori Launchpad interface. At the top, there's a search bar labeled "Search by Product Version". Below it, a teal header bar says "Filtered by: Product Suite (SAP S/4HANA), UI Technology (16)". The main area lists several apps with their counts: SAP assurance and compliance software 1.2 for SAP S/4HANA (31), SAP assurance and compliance software 1.3 for SAP S/4HANA (15), SAP Fiori for SAP Commercial Management for SAP S/4HANA 1.0 (4), SAP Fiori for SAP Portfolio and Project Management 1.0 for SAP S/4HANA (13), SAP Fiori for SAP S/4HANA 1511 (238), SAP Fiori for SAP S/4HANA 1610 (541), SAP Fiori for SAP S/4HANA 1709 (954), SAP Fiori for SAP S/4HANA 1809 (1327), SAP Fiori for SAP S/4HANA 1909 (1657), and SAP Fiori for SAP S/4HANA 2020 (1809). The "SAP Fiori for SAP S/4HANA 2020" entry is highlighted with a red box and has a circled number 3 above it. At the bottom, there's a footer bar with the text "SAP S/4HANA for financial products" and "SAP Fiori for SAP S/4HANA 2020 subledger 1812".</p>
<p>4. Click  to filter the apps according to your area of interest.</p>	 <p>The screenshot shows the SAP Fiori Launchpad interface after applying filters. The teal header bar now includes "Product Version (1)". The main area lists "SAP Fiori lighthouse apps" with several items: Actual Cash Flow, Analytical List Page for Technical Object Breakdown Analysis, Cash Flow Analyzer, and Change Process Analysis for Business. The filter icon in the header is highlighted with a red box and has a circled number 4 above it.</p>

Explanation	Screenshot
<p>5. Choose <b>Role</b> as filter.</p>	
<p>6. Enter <b>sales</b> in the search field.</p> <p>7. Select role <i>Internal Sales Representative</i> SAP_BR_INTERNAL_SALES REP.</p> <p>8. Choose <b>OK</b>.</p>	

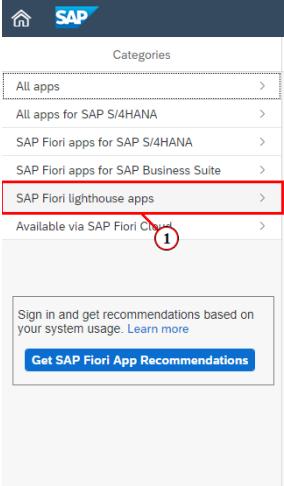
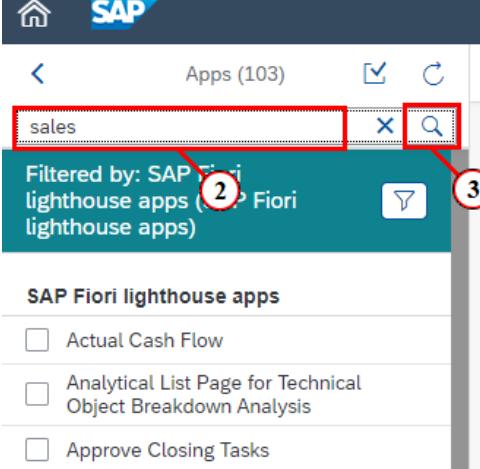
Explanation	Screenshot
<p></p> <p>To get more detailed information on a certain app, just select it and check the information on the main screen regarding app features and technical information for implementation and configuration.</p> <p>9. Select app Sales Order Fulfillment Issues (Version 2).</p> <p></p> <p>Here you can get all basic information on the selected app, as e.g. the required backend product, the application type, the Fiori ID, the supported device types, as well as the purpose and main features of the app, including links to the documentation and screenshots.</p>	
<p>10. Choose <i>Implementation Information</i> get more technical details regarding installation, configuration, extensibility of the app, etc.</p>	

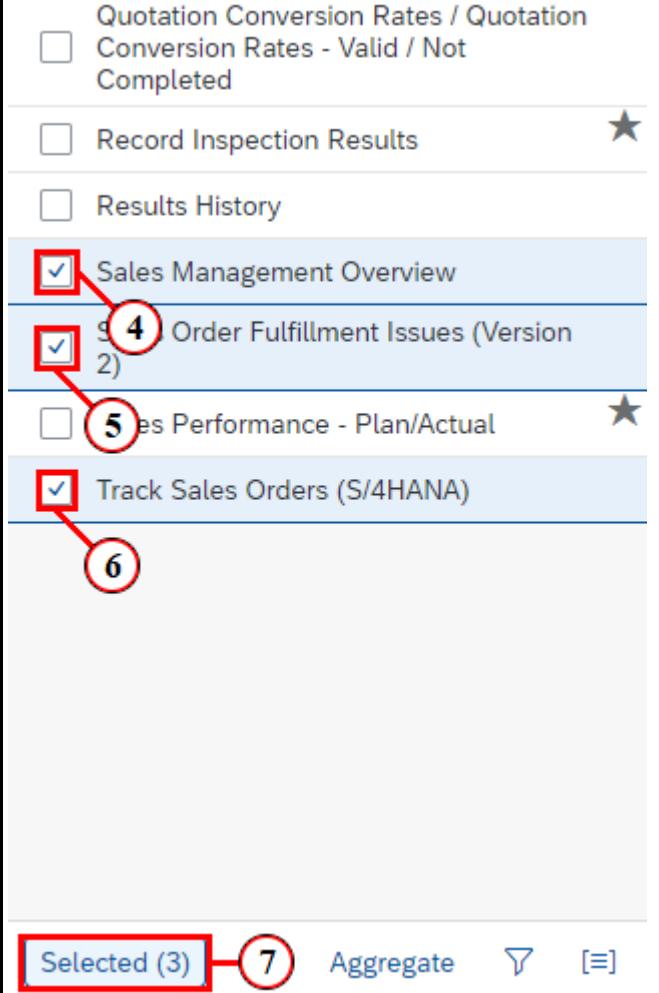
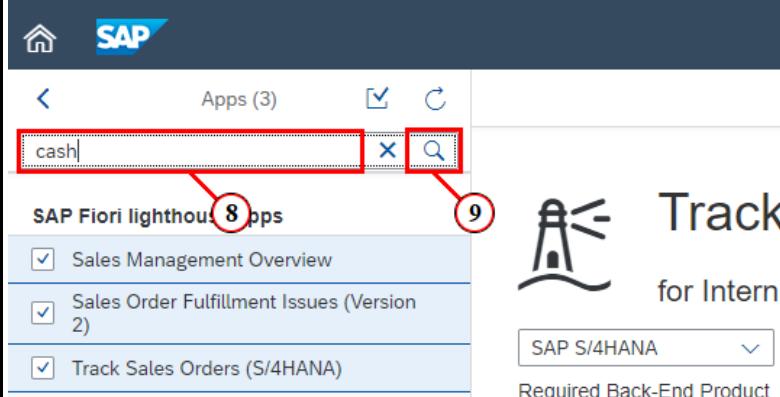
Explanation	Screenshot
<p> This app <b>Sales Order Fulfillment Issues (Version 2)</b> was already part of earlier SAP S/4HANA product versions.</p> <p>11. To show version-specific information, use the dropdown list to select a distinct SAP S/4HANA version.</p>	 <p>The screenshot shows the SAP Fiori Lighthouse app interface. On the left, a sidebar lists various apps under 'SAP Fiori lighthouse apps'. The 'Sales Order Fulfillment Issues (Version 2)' checkbox is checked. On the right, detailed implementation information for this app is displayed, including its version as 'SAP S/4HANA 2020'. A red box highlights the dropdown menu, and a circled number '11' points to the 'SAP Fiori Overview' link.</p>
<p>12. Choose SAP S/4HANA 2020 from the list.</p>	 <p>The screenshot shows the SAP Fiori Lighthouse app interface. The dropdown menu for selecting a SAP S/4HANA version is open, with 'SAP S/4HANA 2020' highlighted by a red box. A circled number '12' points to the dropdown menu itself.</p>

Explanation	Screenshot
<p>13. Expand section <i>Installation</i>.</p> <p> Here you get the information on the required front-end and back-end components, which are required for the selected app in the SAP S/4HANA product version 2020.</p>	 <p>The screenshot shows the SAP Fiori Overview page. At the top, there are tabs for 'PRODUCT FEATURES' and 'IMPLEMENTATION INFORMATION'. A dropdown menu for 'Please select a delivery date' is open, showing 'SAP S/4HANA 2020'. Below this, under 'Important SAP Notes', the 'Installation' section is expanded, indicated by a red box and the number 13. A tooltip explains that the installation consists of front-end components (such as user interfaces) and back-end components (such as OData services). The 'Front-End Components' table provides details like Product Version (SAP Fiori for SAP S/4HANA 2020), Support Package Stack (Initial Shipment Stack), Software Component Version (UIS4HOP1 600 - SP 0000), and Prerequisite for installation (SAP FIORI FOR SAP S/4HANA 2020 - SPS Initial Shipment Stack is an Add On to SAP FIORI FES 2020 FOR S/4HANA - SPS Initial Shipment Stack). The 'Back-End Components (ABAP)' table shows Product Version (SAP S/4HANA 2020), Support Package Stack (Initial Shipment Stack), and Software Component Version (S4CORE 105 - SP 0000).</p>
<p>14. Click  to clear the apps selection.</p>	 <p>The screenshot shows the SAP Fiori Lighthouse app search results for 'Sales Order Fulfillment Issues (Version 2)'. The search bar has a clear icon (a circular arrow) highlighted with a red box and the number 14. The search results list various apps, including 'Compliance Information for Products', 'Predicted Delivery Delay', 'Quotation Conversion Rates / Quotation Conversion Rates - Valid / Not Completed', 'Sales Order Fulfillment Issues (Version 2)', 'Track Sales Orders (S/4HANA)', 'Customers Overview', 'Manage Deviation Profiles', 'Sales Scheduling Agreements - Product Demand', and 'Batch Overview / Manage Batches'. To the right, the SAP Fiori Overview page is visible, showing the same delivery date selection and 'Installation' section as in the previous screenshot.</p>

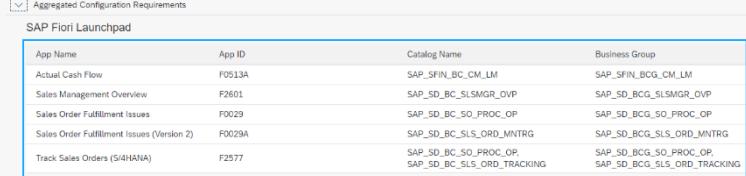
Explanation	Screenshot
<p>15. Click  to go back to the initial screen of the SAP Fiori apps reference library.</p>	 <p>The screenshot shows the SAP Fiori Apps Reference Library interface. A red box highlights the back arrow icon () in the top left corner of the search bar. The search bar also contains the number '15'. Below the search bar, a teal header bar displays the filters applied: 'Filtered by: Product Suite (SAP S/4HANA), UI Technology (16), Role (1), Product Version (1)'. The main content area is titled 'SAP Fiori lighthouse apps' and lists several items, each with a checkbox:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Compliance Information for Products</li> <li><input type="checkbox"/> Predicted Delivery Delay</li> <li><input type="checkbox"/> Quotation Conversion Rates /</li> <li><input type="checkbox"/> Quotation Conversion Rates - Valid / Not Completed</li> <li><input type="checkbox"/> Sales Order Fulfillment Issues (Version 2)</li> </ul>
<p> Now you are back on the initial screen of the SAP Fiori apps reference library.</p> <p>In the next exercise we will use the <i>SAP Fiori lighthouse apps</i> view to select apps for later activation.</p>	 <p>The screenshot shows the initial screen of the SAP Fiori Apps Reference Library. On the left, there is a sidebar with 'Categories' and links to 'All apps', 'All apps for SAP S/4HANA', 'SAP Fiori apps for SAP S/4HANA', 'SAP Fiori apps for SAP Business Suite', 'SAP Fiori lighthouse apps', and 'Available via SAP Fiori Cloud'. The main content area has a heading 'Welcome to the SAP Fiori Apps Reference Library!' and a sub-headline 'Explore, plan and implement SAP Fiori, the latest user experience from SAP including all relevant content for the SAP Fiori launchpad.' It features three call-to-action cards:</p> <ul style="list-style-type: none"> <li>A play button icon with the text 'Watch this video and find out how to get the most out of SAP Fiori apps reference library.'</li> <li>A lighthouse icon with the text 'Find out how you can take advantage of SAP Fiori with our SAP Fiori lighthouse scenarios designed to deliver immediate business benefit to SAP S/4HANA customers.'</li> <li>A hand icon with the text 'You can learn more about SAP Fiori at our website or see SAP Fiori in action with a free trial.'</li> </ul> <p>At the bottom, there is a link 'Read More about the SAP Fiori apps reference library.' and a small preview of the 'Supply Chain Visualization' app.</p>

## Browse and select lighthouse apps for later activation

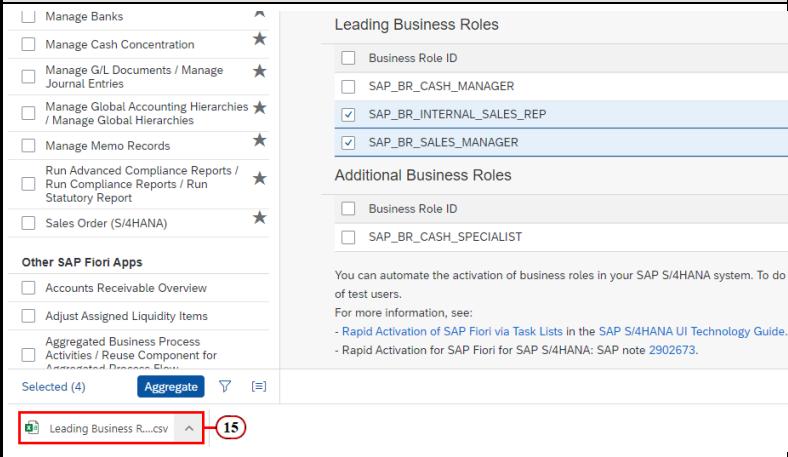
Explanation	Screenshot
<p>1. Choose SAP Fiori lighthouse apps.</p>  <p>To get more information on the SAP Fiori lighthouse apps and their benefits, open the link <a href="#">SAP Fiori lighthouse scenarios</a> here on the SAP Fiori apps reference library welcome page or see <a href="#">SAP Fiori Lighthouse Apps</a> in SAP Help Portal.</p> <p>This documentation helps to highlight how business users can experience innovations in SAP S/4HANA and SAP S/4HANA Cloud.</p>	 <p>Welcome to the SAP Fiori Apps Reference Library!</p> <p>Explore, plan and implement SAP Fiori, the latest user experience from SAP including launchpad.</p> <p> Watch this video and find out how to get the most out of SAP Fiori apps reference library.</p> <p> Find out how you can take advantage of SAP Fiori lighthouse scenarios designed to deliver immediate business benefit to SAP S/4HANA.</p> <p><a href="#">Read More</a> about the SAP Fiori apps reference library.</p>
<p>2. Enter <b>sales</b> in the search field.</p> <p>3. Press ENTER or click .</p>	 <p>Welcome to the SAP Fiori Apps Reference Library!</p> <p>Explore, plan and implement SAP Fiori, the latest user experience from SAP including launchpad.</p> <p></p>

Explanation	Screenshot
<p> Now you will select the apps of interest for this exercise.</p> <p>4. Select Sales Management Overview.</p> <p>5. Select Sales Order Fulfillment Issues (Version 2).</p> <p>6. Select Track Sales Orders (S/4HANA).</p> <p>7. Click <b>Selected (3)</b> to show the list of selected apps.</p>	 <p>Quotation Conversion Rates / Quotation  <input type="checkbox"/> Conversion Rates - Valid / Not Completed</p> <p><input type="checkbox"/> Record Inspection Results </p> <p><input type="checkbox"/> Results History</p> <p><input checked="" type="checkbox"/> <b>Sales Management Overview</b> </p> <p><input checked="" type="checkbox"/> <b>Order Fulfillment Issues (Version 2)</b> </p> <p><input type="checkbox"/> <b>Sales Performance - Plan/Actual</b> </p> <p><input checked="" type="checkbox"/> <b>Track Sales Orders (S/4HANA)</b> </p> <p><b>Selected (3)</b>  7 Aggregate  [≡]</p>
<p> Now, you will search for another app, which belongs to a different business role than the already selected apps.</p> <p>8. Enter <b>cash</b> in the search field.</p> <p>9. Press ENTER or click .</p>	 <p>Apps (3)  </p> <p><input type="text"/> cash  </p> <p>SAP Fiori lighthouse 8 apps </p> <p><input checked="" type="checkbox"/> Sales Management Overview</p> <p><input checked="" type="checkbox"/> Sales Order Fulfillment Issues (Version 2)</p> <p><input checked="" type="checkbox"/> Track Sales Orders (S/4HANA)</p> <p> <b>Track</b> for Interna</p> <p>SAP S/4HANA </p> <p>Required Back-End Product S</p>

Explanation	Screenshot
10. Select the app <i>Actual Cash Flow</i> .	<p>SAP Fiori lighthouse apps</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Actual Cash Flow</li> <li><input type="checkbox"/> Cash Flow Analyzer</li> <li><input type="checkbox"/> Foreign Exchange Overview</li> <li><input type="checkbox"/> Liquidity Forecast</li> <li><input type="checkbox"/> Manage Workflows</li> <li><input type="checkbox"/> Payment Statistics (S/4HANA)</li> </ul>
<p>👉 You can verify, that four apps are selected now.</p> <p>11. Choose <i>Aggregate</i>.</p>	<p><input type="checkbox"/> Adjust Assigned Liquidity Items</p> <p><input type="checkbox"/> Aggregated Business Process</p> <p><input type="checkbox"/> Activities / Reuse Component for Aggregated Process Flow</p> <p><input type="checkbox"/> Analyze Payment Details / Check Cash Flow Items</p> <p>Selected (4) <span style="border: 1px solid blue; padding: 2px;">Aggregate</span> <span style="border: 2px solid red; border-radius: 50%; padding: 5px; color: red;">11</span> [≡]</p>
12. Expand section <i>Aggregated Configuration Requirements</i> to get more information on the SAP Fiori launchpad content for later activation.	<p>Please select a delivery date. The implementation information below only applies to SAP S/4HANA</p> <p>Selected apps (4)</p> <ul style="list-style-type: none"> <li>Selected apps in SAP S/4HANA (SAP S/4HANA 2020)</li> </ul> <p>&gt; Important SAP Notes (2)</p> <p>&gt; Aggregated Installation Requirements</p> <p>&gt; <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">12</span> Aggregated Configuration Requirements</p> <p>What's New</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Create Payment Receipts</li> <li><input type="checkbox"/> Manage Bank Account Hierarchies</li> <li><input type="checkbox"/> Manage Liquidity Item Hierarchies</li> <li><input type="checkbox"/> Manage Payment Receipts</li> </ul> <p>Bank Statement Monitor (S/4HANA) / Bank Statement Monitor (SFIN) / Bank Statement Monitor - End of Day</p>

Explanation	Screenshot																																				
<p> Here you can find all information regarding catalogs, groups, roles, ICF nodes, OData services, which are relevant for the selected apps including related apps, etc.</p>																																					
<p> The selected apps are included in the following Leading Business Roles:</p> <ul style="list-style-type: none"> <li>• SAP_BR_CASH_MANAGER</li> <li>• SAP_BR_INTERNAL_SALESREP</li> <li>• SAP_BR_SALES_MANAGER</li> </ul>	 <table border="1"> <thead> <tr> <th>App Name</th> <th>App ID</th> <th>Catalog Name</th> <th>Business Group</th> </tr> </thead> <tbody> <tr> <td>Actual Cash Flow</td> <td>F0513A</td> <td>SAP_SFIN_BC_CM_LM</td> <td>SAP_SFIN_BCG_CM_LM</td> </tr> <tr> <td>Sales Management Overview</td> <td>F2601</td> <td>SAP_SD_BC_SLSMGR_OVP</td> <td>SAP_SD_BCG_SLSMGR_OVP</td> </tr> <tr> <td>Sales Order Fulfillment Issues</td> <td>F0029</td> <td>SAP_SD_BC_SO_PROC_OP</td> <td>SAP_SD_BCG_SO_PROC_OP</td> </tr> <tr> <td>Sales Order Fulfillment Issues (Version 2)</td> <td>F0029A</td> <td>SAP_SD_BC_SLS_ORD_MNTRG</td> <td>SAP_SD_BCG_SLS_ORD_MNTRG</td> </tr> <tr> <td>Track Sales Orders (S4HANA)</td> <td>F2577</td> <td>SAP_SD_BC_SO_PROC_OP, SAP_SD_BC_SLS_ORD_TRACKING</td> <td>SAP_SD_BCG_SO_PROC_OP, SAP_SD_BCG_SLS_ORD_TRACKING</td> </tr> </tbody> </table> <p>Business Role(s)</p> <p>Under "Leading Business Roles" you find the roles for which the app is mainly designed. Under "Additional Business Roles" you find all roles that use the app in their SAP Fiori Launchpad content.</p> <p>Leading Business Roles</p> <table border="1"> <thead> <tr> <th>Business Role ID</th> <th>Business Role Name</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/> SAP_BR_CASH_MANAGER</td> <td>Cash Manager</td> </tr> <tr> <td><input type="checkbox"/> SAP_BR_INTERNAL_SALESREP</td> <td>Internal Sales Rep</td> </tr> <tr> <td><input type="checkbox"/> SAP_BR_SALES_MANAGER</td> <td>Sales Manager</td> </tr> </tbody> </table> <p>Additional Business Roles</p> <table border="1"> <thead> <tr> <th>Business Role ID</th> <th>Business Role Name</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> SAP_BR_CASH_SPECIALIST</td> <td>Cash Management</td> </tr> </tbody> </table>	App Name	App ID	Catalog Name	Business Group	Actual Cash Flow	F0513A	SAP_SFIN_BC_CM_LM	SAP_SFIN_BCG_CM_LM	Sales Management Overview	F2601	SAP_SD_BC_SLSMGR_OVP	SAP_SD_BCG_SLSMGR_OVP	Sales Order Fulfillment Issues	F0029	SAP_SD_BC_SO_PROC_OP	SAP_SD_BCG_SO_PROC_OP	Sales Order Fulfillment Issues (Version 2)	F0029A	SAP_SD_BC_SLS_ORD_MNTRG	SAP_SD_BCG_SLS_ORD_MNTRG	Track Sales Orders (S4HANA)	F2577	SAP_SD_BC_SO_PROC_OP, SAP_SD_BC_SLS_ORD_TRACKING	SAP_SD_BCG_SO_PROC_OP, SAP_SD_BCG_SLS_ORD_TRACKING	Business Role ID	Business Role Name	<input checked="" type="checkbox"/> SAP_BR_CASH_MANAGER	Cash Manager	<input type="checkbox"/> SAP_BR_INTERNAL_SALESREP	Internal Sales Rep	<input type="checkbox"/> SAP_BR_SALES_MANAGER	Sales Manager	Business Role ID	Business Role Name	<input type="checkbox"/> SAP_BR_CASH_SPECIALIST	Cash Management
App Name	App ID	Catalog Name	Business Group																																		
Actual Cash Flow	F0513A	SAP_SFIN_BC_CM_LM	SAP_SFIN_BCG_CM_LM																																		
Sales Management Overview	F2601	SAP_SD_BC_SLSMGR_OVP	SAP_SD_BCG_SLSMGR_OVP																																		
Sales Order Fulfillment Issues	F0029	SAP_SD_BC_SO_PROC_OP	SAP_SD_BCG_SO_PROC_OP																																		
Sales Order Fulfillment Issues (Version 2)	F0029A	SAP_SD_BC_SLS_ORD_MNTRG	SAP_SD_BCG_SLS_ORD_MNTRG																																		
Track Sales Orders (S4HANA)	F2577	SAP_SD_BC_SO_PROC_OP, SAP_SD_BC_SLS_ORD_TRACKING	SAP_SD_BCG_SO_PROC_OP, SAP_SD_BCG_SLS_ORD_TRACKING																																		
Business Role ID	Business Role Name																																				
<input checked="" type="checkbox"/> SAP_BR_CASH_MANAGER	Cash Manager																																				
<input type="checkbox"/> SAP_BR_INTERNAL_SALESREP	Internal Sales Rep																																				
<input type="checkbox"/> SAP_BR_SALES_MANAGER	Sales Manager																																				
Business Role ID	Business Role Name																																				
<input type="checkbox"/> SAP_BR_CASH_SPECIALIST	Cash Management																																				
<p>The leading role contains the context and business requirements for an app. Its implementation is recommended. This is the role for which the app is mainly designed.</p>																																					
<p>Furthermore, the selected apps might be included in additional business roles. They are displayed in the <i>Additional Business Roles</i> section. These roles also contain the app in their SAP Fiori launchpad content but are optional.</p> <p>For more information, see SAP Help Portal: <a href="#">Leading Role</a>.</p>																																					

Explanation	Screenshot
<p></p> <p>We now choose the two sales-related leading business roles as scope for the SAP Fiori content activation.</p> <p>After the content activation these business roles will be ready for testing.</p> <p>13. Select the two roles:</p> <ul style="list-style-type: none"> <li>• SAP_BR_INTERNAL_SALES_REP</li> <li>• SAP_BR_SALES_MANAGER</li> </ul>	<p>Leading Business Roles</p> <p><input type="checkbox"/> Business Role ID  <input type="checkbox"/> SAP_BR_CASH_MANAGER  <input checked="" type="checkbox"/> SAP_BR_INTERNAL_SALES_REP  <input checked="" type="checkbox"/> SAP_BR_SALES_MANAGER</p> <p>Additional Business Roles <span style="color: red; border: 1px solid red; border-radius: 50%; padding: 2px;">13</span></p> <p><input type="checkbox"/> Business Role ID  <input type="checkbox"/> SAP_BR_CASH_SPECIALIST</p> <p>You can automate the activation of business roles in your SAP S/4HANA system. To do this, you can use the task lists in the SAP Fiori app or the SAP Fiori Activation tool. You can also use the SAP Fiori Activation tool to activate business roles for test users.</p> <p>For more information, see:</p> <ul style="list-style-type: none"> <li>- Rapid Activation of SAP Fiori via Task Lists in the <a href="#">SAP S/4HANA UI Technology Guide</a></li> <li>- Rapid Activation for SAP Fiori for SAP S/4HANA: SAP note <a href="#">2902673</a>.</li> </ul> <p><a href="#">Export list of Leading Business Roles</a> <span style="border: 1px solid blue; border-radius: 5px; padding: 2px;">13</span> <a href="#">Export list of Business Roles</a></p>
<p>14. Choose Export list of Leading Business Roles.</p>	<p>Leading Business Roles</p> <p><input type="checkbox"/> Business Role ID  <input type="checkbox"/> SAP_BR_CASH_MANAGER  <input checked="" type="checkbox"/> SAP_BR_INTERNAL_SALES_REP  <input checked="" type="checkbox"/> SAP_BR_SALES_MANAGER</p> <p>Additional Business Roles</p> <p><input type="checkbox"/> Business Role ID  <input type="checkbox"/> SAP_BR_CASH_SPECIALIST</p> <p>You can automate the activation of business roles in your SAP S/4HANA system. To do this, you can use the task lists in the SAP Fiori app or the SAP Fiori Activation tool. You can also use the SAP Fiori Activation tool to activate business roles for test users.</p> <p>For more information, see:</p> <ul style="list-style-type: none"> <li>- Rapid Activation of SAP Fiori via Task Lists in the <a href="#">SAP S/4HANA UI Technology Guide</a></li> <li>- Rapid Activation for SAP Fiori for SAP S/4HANA: SAP note <a href="#">2902673</a>.</li> </ul> <p><a href="#">Export list of Leading Business Roles</a> <span style="color: red; border: 1px solid red; border-radius: 50%; padding: 2px;">14</span> <a href="#">Export list of Business Roles</a></p>

Explanation	Screenshot
<p>15. The local download file (.csv) contains the list of selected business roles.          Open the file with a text editor, e.g. Notepad.          Select (STRG+A) and copy (STRG+C) the list of roles.</p> <p>You will use this copied list of roles in the next exercise for the SAP Fiori content activation.</p>	 <p>The screenshot shows the SAP Fiori apps reference library interface. In the 'Leading Business Roles' section, several checkboxes are listed, with 'SAP_BR_INTERNAL_SALES_REP' and 'SAP_BR_SALES_MANAGER' checked. Below this, there's a section for 'Additional Business Roles' with two more checkboxes. At the bottom, there's a note about automating role activation and links to SAP notes. The 'Selected (4)' button is highlighted with a red box and the number 15, indicating the user has selected four items.</p>

## Summary

You have completed the exercise!

You are now able to:

- Launch SAP Fiori apps reference library
- Filter Fiori apps according to different filter criteria as e.g. business role, application type, industry, etc.
- Get detailed information on selected SAP Fiori apps
- Understand the structure of delivered SAP Fiori content (catalogs, groups, roles)
- Get a list of relevant business roles for later content activation

# ACTIVATE SAP FIORI CONTENT

## Overview

Estimated time: 20 minutes

### Objective

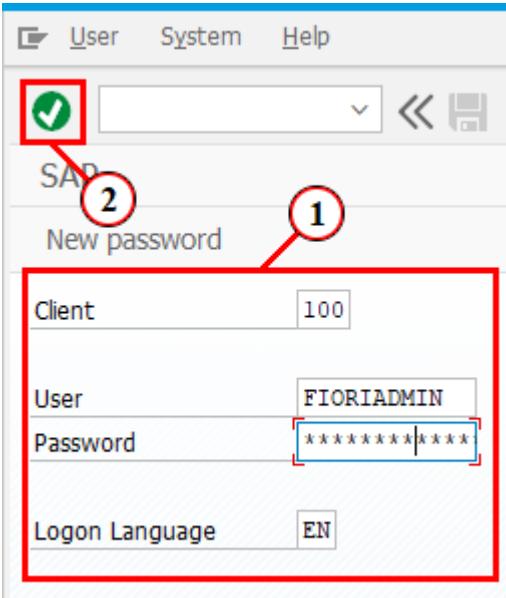
As a content administrator I want to be able to activate SAP Fiori content delivered by SAP to experience and evaluate SAP Fiori for S/4HANA in a sandbox system. This SAP standard content provides a basis for the definition of customer-specific roles and catalogs.

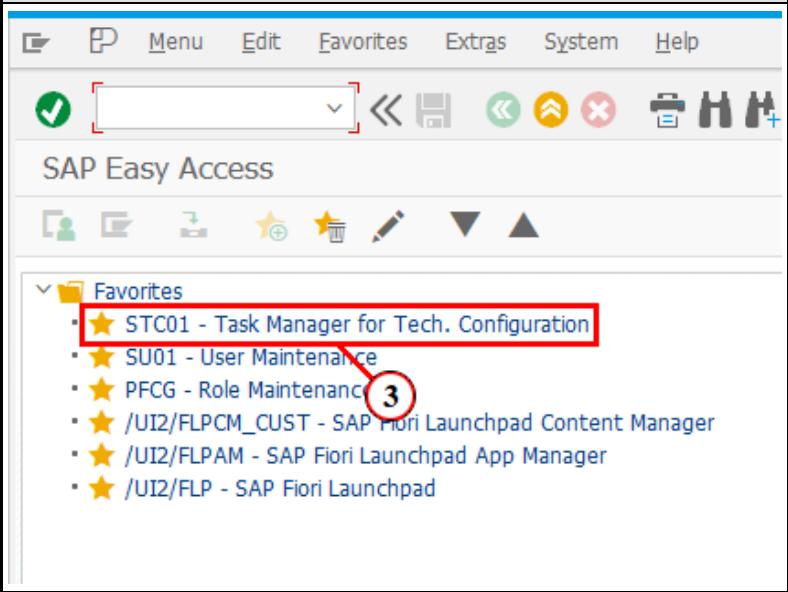
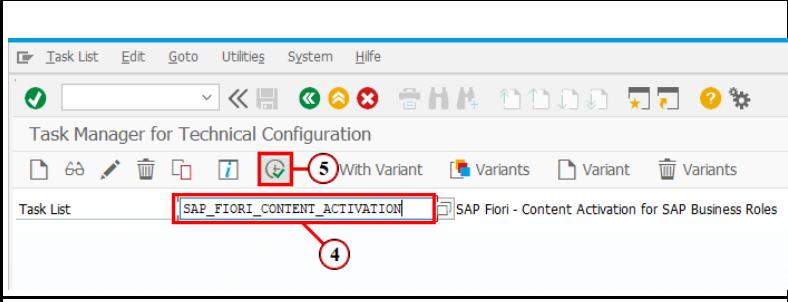
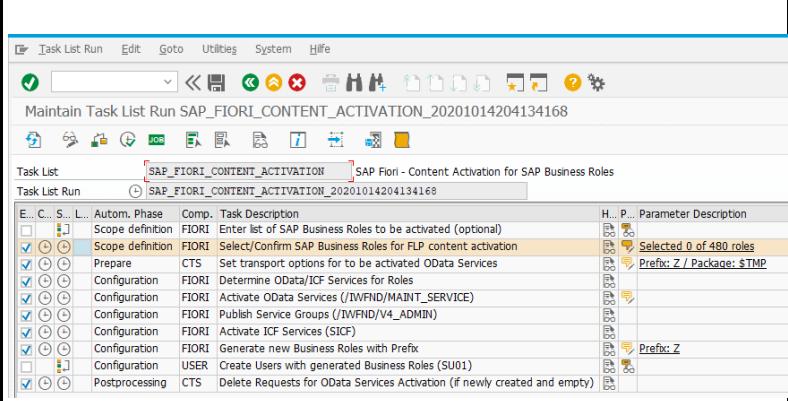
### Exercise Description

In the following exercise you will learn how to use the content activation task list, to easily activate SAP Fiori apps based on SAP-delivered business roles for testing and demo purposes. During this exercise you perform the following actions:

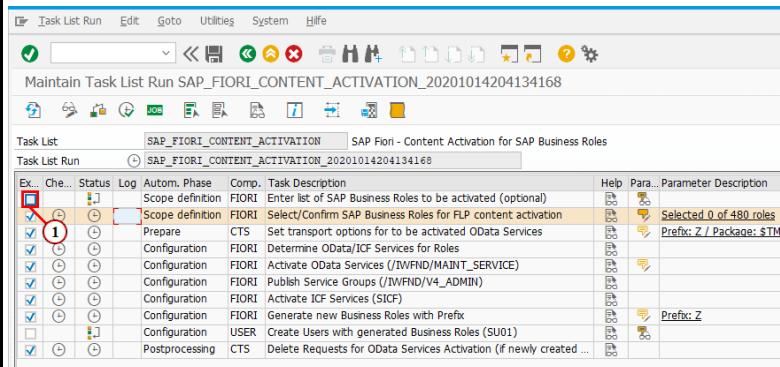
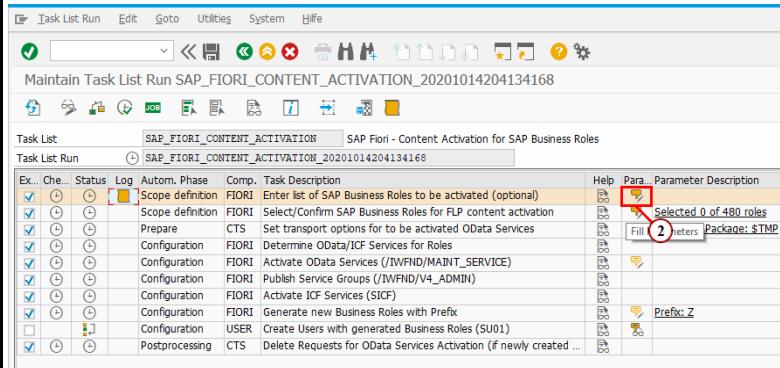
- Access SAP Fiori rapid activation task lists (*transaction STC01*)
- Run the content activation task list for selected SAP business roles
- Verify generated test user (*transaction SU01*)
- Verify the generated test role (*transaction PFCG*)
- Experience the activated SAP Fiori content using SAP Fiori launchpad

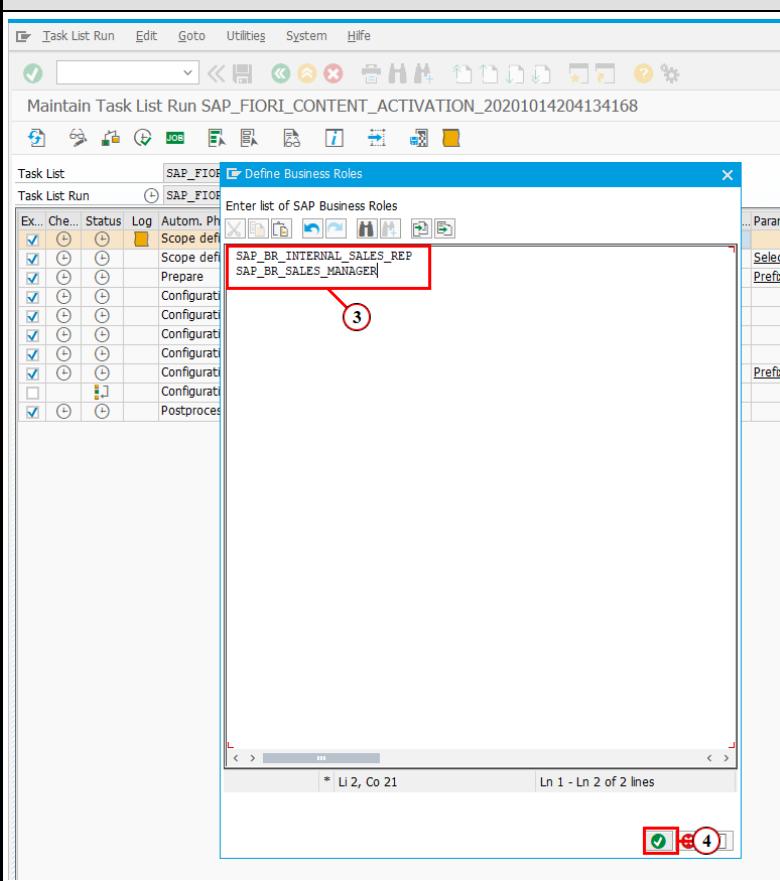
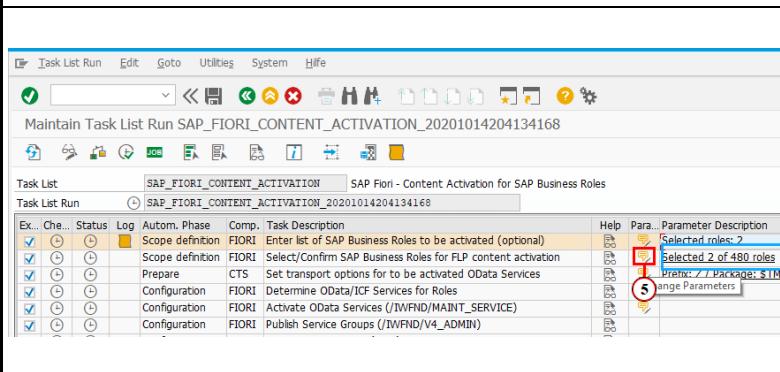
## Access SAP Fiori Rapid Activation task list

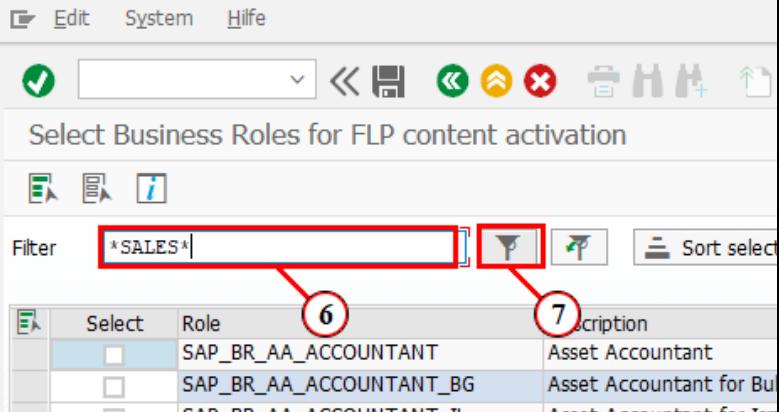
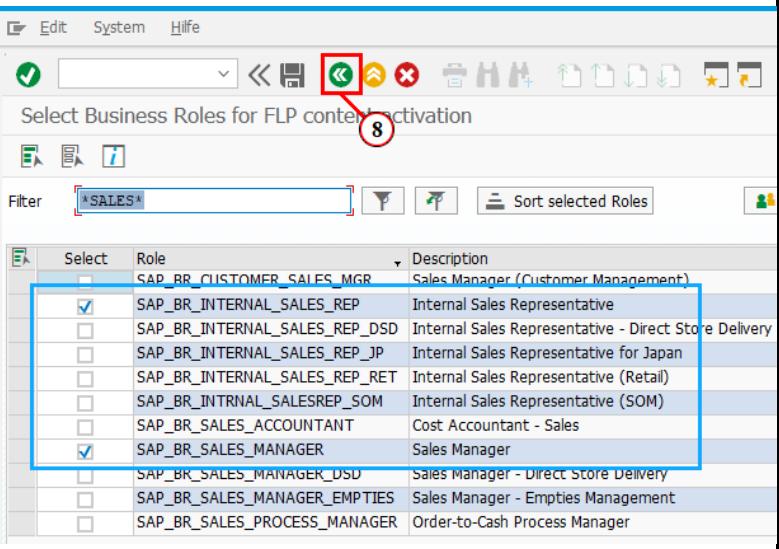
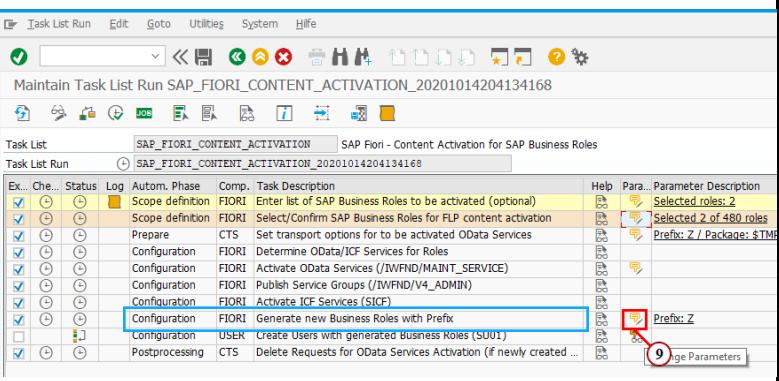
Explanation	Screenshot
<p>👉 Before starting with this exercise, you have started <i>SAP Logon</i> from the desktop and you have selected the SAP S/4HANA 2020 system entry with a double-click to get the logon screen.</p> <p>1. Login as user <b>FIORIADMIN</b> with password <b>Welcome1</b>.</p> <p>Keep Client 100 and Logon Language EN.</p> <p>2. Click .</p>	 <p>The screenshot shows the SAP Logon interface. At the top, there is a menu bar with 'User', 'System', and 'Help'. Below the menu, there is a 'SAP' logo with a checkmark icon (labeled 2) and a 'New password' field. A red box highlights the 'Client' field containing '100', the 'User' field containing 'FIORIADMIN', and the 'Password' field containing '*****'. A red arrow points from the 'Client' field to the 'User' field. A red box also surrounds the 'User' and 'Password' fields. At the bottom, there is a 'Logon Language' field set to 'EN'.</p>

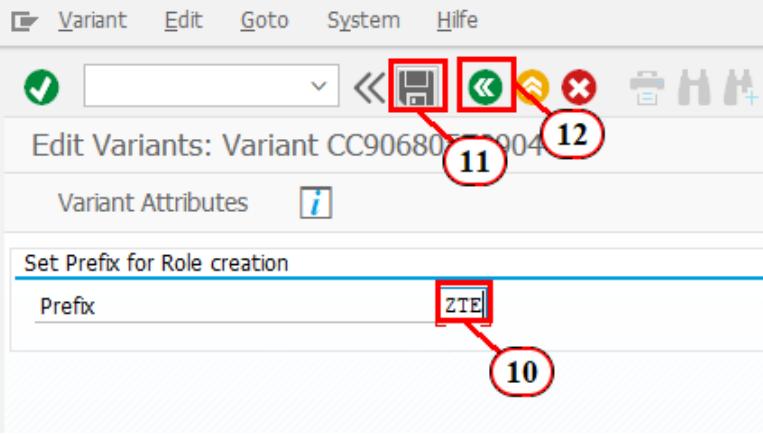
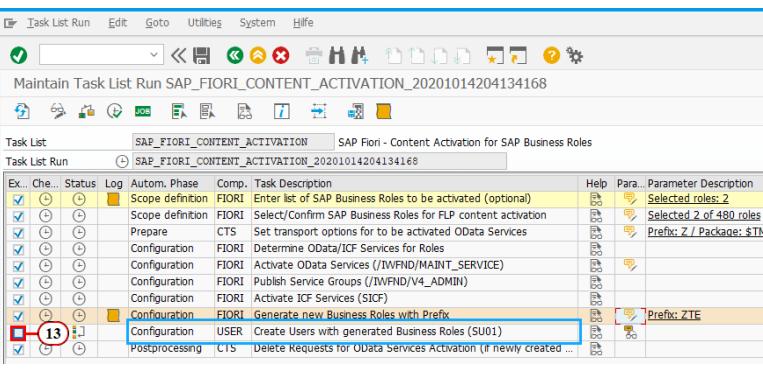
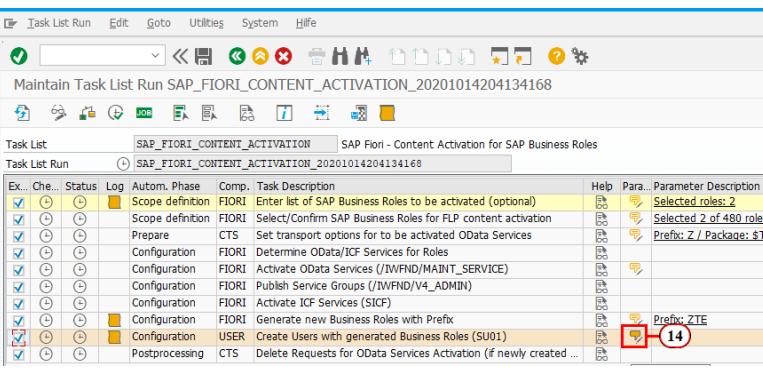
Explanation	Screenshot																																																																																																				
<p>3. Choose <b>STC01 - Task Manager for Tech. Configuration</b> with a double-click or call transaction <b>STC01</b>.</p>	 <p>The SAP Easy Access screen shows the Favorites menu expanded. The entry 'STC01 - Task Manager for Tech. Configuration' is highlighted with a red box and circled with a red number '3'.</p>																																																																																																				
<p>4. Enter task list <b>SAP_FIORI_CONTENT_ACTIVATION</b>. 5. Click  to create a new task list run.</p>	 <p>The Task Manager for Technical Configuration screen shows the Task List tab. The task 'SAP_FIORI_CONTENT_ACTIVATION' is selected and highlighted with a red box and circled with a red number '4'. A red box also surrounds the 'With Variant' button, which is circled with a red number '5'.</p>																																																																																																				
<p></p> <p>You are now on the configuration screen for an SAP Fiori content activation task list run. In the next steps you will learn how to scope the task list run for selected business roles and how to define prefixes for the generation of test roles and users.</p>	 <p>The Maintain Task List Run screen shows the configuration table for the task 'SAP_FIORI_CONTENT_ACTIVATION'. The table includes columns for E., C., S., L., Autom. Phase, Comp., Task Description, H..., P..., and Parameter Description. Several rows are selected, indicated by checked checkboxes. The 'Scope definition' row has a tooltip 'Selected 0 of 480 roles'.</p> <table border="1"> <thead> <tr> <th>E...</th> <th>C...</th> <th>S...</th> <th>L...</th> <th>Autom. Phase</th> <th>Comp.</th> <th>Task Description</th> <th>H...</th> <th>P...</th> <th>Parameter Description</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td> <td></td> <td></td> <td></td> <td>Scope definition</td> <td>FIORI</td> <td>Enter list of SAP Business Roles to be activated (optional)</td> <td></td> <td></td> <td>Selected 0 of 480 roles</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td></td> <td>Prepare</td> <td>CTS</td> <td>Select/Confirm SAP Business Roles for FLP content activation</td> <td></td> <td></td> <td>Prefix: Z / Package: \$TMP</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td></td> <td>Configuration</td> <td>FIORI</td> <td>Determine OData/ICF Services for Roles</td> <td></td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td></td> <td>Configuration</td> <td>FIORI</td> <td>Activate OData Services (/IWFD/MANT_SERVICE)</td> <td></td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td></td> <td>Configuration</td> <td>FIORI</td> <td>Publish Service Groups (/IWFD/V4_ADMIN)</td> <td></td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td></td> <td>Configuration</td> <td>FIORI</td> <td>Activate ICF Services (SICF)</td> <td></td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td></td> <td>Configuration</td> <td>FIORI</td> <td>Generate new Business Roles with Prefix</td> <td></td> <td></td> <td>Prefix: Z</td> </tr> <tr> <td><input type="checkbox"/></td> <td></td> <td></td> <td></td> <td>Configuration</td> <td>USER</td> <td>Create Users with generated Business Roles (SU01)</td> <td></td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td></td> <td>Postprocessing</td> <td>CTS</td> <td>Delete Requests for OData Services Activation (if newly created and empty)</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	E...	C...	S...	L...	Autom. Phase	Comp.	Task Description	H...	P...	Parameter Description	<input type="checkbox"/>				Scope definition	FIORI	Enter list of SAP Business Roles to be activated (optional)			Selected 0 of 480 roles	<input checked="" type="checkbox"/>				Prepare	CTS	Select/Confirm SAP Business Roles for FLP content activation			Prefix: Z / Package: \$TMP	<input checked="" type="checkbox"/>				Configuration	FIORI	Determine OData/ICF Services for Roles				<input checked="" type="checkbox"/>				Configuration	FIORI	Activate OData Services (/IWFD/MANT_SERVICE)				<input checked="" type="checkbox"/>				Configuration	FIORI	Publish Service Groups (/IWFD/V4_ADMIN)				<input checked="" type="checkbox"/>				Configuration	FIORI	Activate ICF Services (SICF)				<input checked="" type="checkbox"/>				Configuration	FIORI	Generate new Business Roles with Prefix			Prefix: Z	<input type="checkbox"/>				Configuration	USER	Create Users with generated Business Roles (SU01)				<input checked="" type="checkbox"/>				Postprocessing	CTS	Delete Requests for OData Services Activation (if newly created and empty)			
E...	C...	S...	L...	Autom. Phase	Comp.	Task Description	H...	P...	Parameter Description																																																																																												
<input type="checkbox"/>				Scope definition	FIORI	Enter list of SAP Business Roles to be activated (optional)			Selected 0 of 480 roles																																																																																												
<input checked="" type="checkbox"/>				Prepare	CTS	Select/Confirm SAP Business Roles for FLP content activation			Prefix: Z / Package: \$TMP																																																																																												
<input checked="" type="checkbox"/>				Configuration	FIORI	Determine OData/ICF Services for Roles																																																																																															
<input checked="" type="checkbox"/>				Configuration	FIORI	Activate OData Services (/IWFD/MANT_SERVICE)																																																																																															
<input checked="" type="checkbox"/>				Configuration	FIORI	Publish Service Groups (/IWFD/V4_ADMIN)																																																																																															
<input checked="" type="checkbox"/>				Configuration	FIORI	Activate ICF Services (SICF)																																																																																															
<input checked="" type="checkbox"/>				Configuration	FIORI	Generate new Business Roles with Prefix			Prefix: Z																																																																																												
<input type="checkbox"/>				Configuration	USER	Create Users with generated Business Roles (SU01)																																																																																															
<input checked="" type="checkbox"/>				Postprocessing	CTS	Delete Requests for OData Services Activation (if newly created and empty)																																																																																															

## Scope and configure content activation

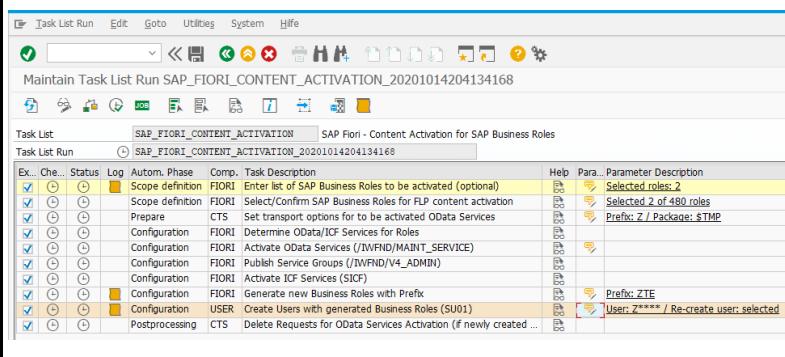
Explanation	Screenshot
<p> You have launched the Task Manager for Technical Configuration (transaction STC01) with task list SAP_FIORI_CONTENT_ACTIVATION. Now you will configure the task list run.</p> <p>1. Select the first task in the list to enable editing the business roles selection.</p>	 <p>The screenshot shows the SAP Fiori Content Activation Task List Run interface. The task list is titled "SAP_FIORI_CONTENT_ACTIVATION". The first task, "Scope definition", is selected and highlighted with a red box and a circled number "1". The task description for "Scope definition" is "FIORI Enter list of SAP Business Roles to be activated (optional)". To the right of the task, there is a "Fill Parameters" button, which is also highlighted with a red box and circled. Other tasks listed include "Prepare", "Configuration", and "Postprocessing". A status bar at the bottom right indicates "Selected 0 of 480 roles" and "Prefix: Z / Package: \$TMP".</p>
<p>2. Click  (Fill Parameters) to open the text editor for the business role selection.</p>	 <p>The screenshot shows the same SAP Fiori Content Activation Task List Run interface as the previous screenshot. The "Fill Parameters" button next to the "Scope definition" task is now being clicked, as indicated by a mouse cursor and a red circle around the button. The status bar at the bottom right now shows "Fill 2 bytes Package: \$TMP".</p>

Explanation	Screenshot
<p>3. Within the text editor paste the list of business roles, which you exported to a file in SAP Fiori apps reference library in the previous exercise.</p> <p>Please verify that only the two leading business roles are included in the list.</p> <p>4. Click .</p>	
<p> You now can see, that 2 of 480 roles are selected. In the next step you will verify your role selection.</p> <p>5. Click  in the second line to get a list of available SAP business roles and show which roles are currently selected.</p>	

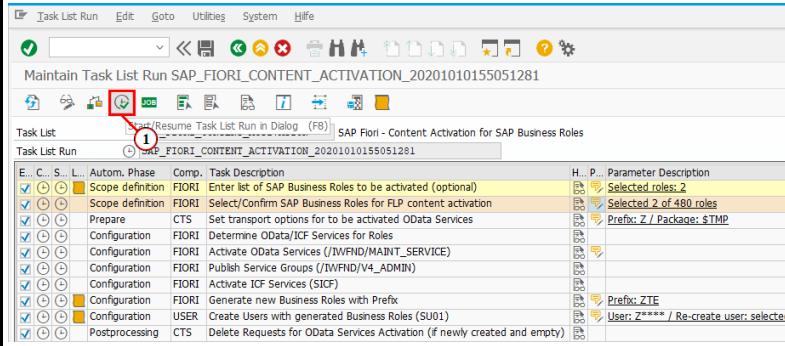
Explanation	Screenshot
<p>6. Enter <b>*sales*</b> in the input field.</p> <p>7. Click  to get the filtered list of roles.</p>	
<p> Verify the selection of roles:</p> <ul style="list-style-type: none"> <li>SAP_BR_INTERNAL_SALES_REP</li> <li>SAP_BR_SALES_MANAGER</li> </ul> <p>Here you also could change the role selection. Please keep the selection for this exercise.</p> <p>8. Click  to go back to the task list configuration screen.</p>	
<p>9. Click  for task <b>Generate new Business Roles with Prefix</b> to change the prefix of the business test roles, that will be generated during the task list run.</p>	

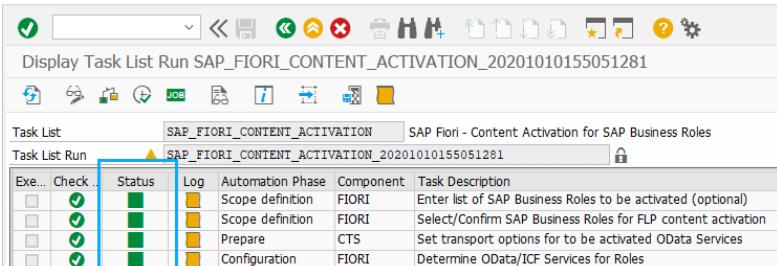
Explanation	Screenshot
<p>10. Enter Prefix <b>ZTE</b>.</p> <p>11. Click  to save the prefix configuration.</p> <p>12. Click  to go back to the task list configuration screen.</p>	
<p>13. Select task Create Users with generated Business Roles.</p>	
<p>14. Click  to edit the parameters for the user generation.</p>	

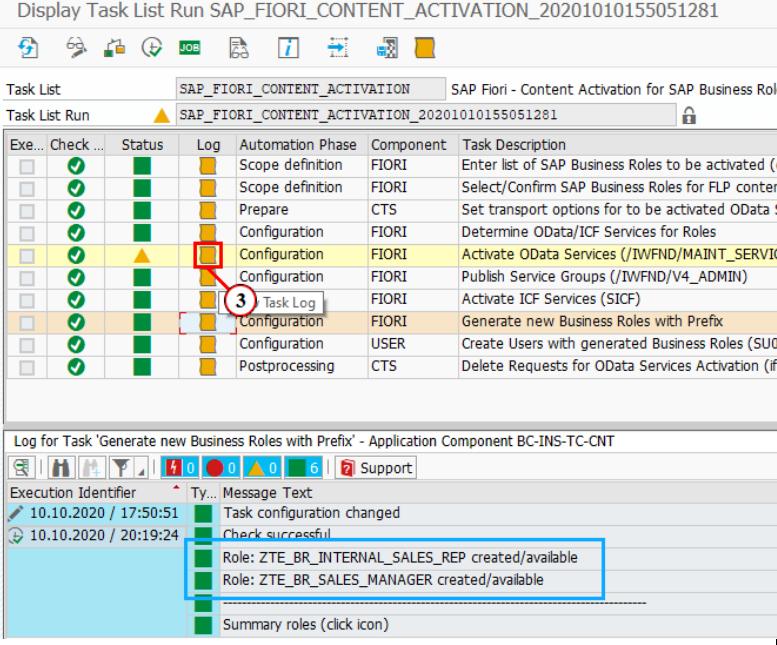
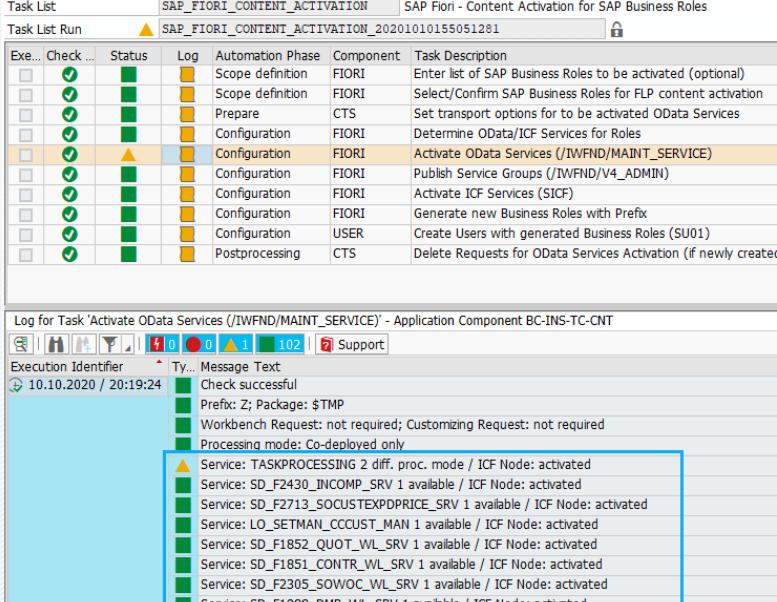
Explanation	Screenshot																				
<p>15. Enter the following details:</p> <ul style="list-style-type: none"> <li><b>User Prefix:</b> Z</li> <li><b>Password:</b> Welcome1</li> <li><b>Repeat Password:</b> Welcome1</li> <li><b>Add. Role Assignment:</b> Z_FIORI_FOUNDATION_USER</li> </ul> <p> This additional role Z_FIORI_FOUNDATION_USER contains the required authorizations for common SAP Fiori functionalities, as e.g. SAP Fiori launchpad, Easy Access Menu, Smart Business Runtime, Enterprise Search, Embedded Analytics.</p>	<p>Variant Edit Goto System Hilfe</p> <p>Edit Variants: Variant CCB99254865044</p> <p>Variant Attributes <i>i</i></p> <p>Settings User creation</p> <table border="1"> <tr><td>User Prefix</td><td>Z</td></tr> <tr><td>Last Name</td><td>&lt;ROLE_NAME&gt;</td></tr> <tr><td>User Type</td><td>A</td></tr> <tr><td>Password</td><td>*****</td></tr> <tr><td>Repeat Password</td><td>*****</td></tr> <tr><td><input checked="" type="checkbox"/> Self-register</td><td></td></tr> <tr><td colspan="2"><b>Role Assignment</b></td></tr> <tr><td>Add. Role Assignment</td><td>Z_FIORI_FOUNDATION_USER</td></tr> <tr><td colspan="2">Further option</td></tr> <tr><td><input checked="" type="checkbox"/> Recreate existing User</td><td>15</td></tr> </table>	User Prefix	Z	Last Name	<ROLE_NAME>	User Type	A	Password	*****	Repeat Password	*****	<input checked="" type="checkbox"/> Self-register		<b>Role Assignment</b>		Add. Role Assignment	Z_FIORI_FOUNDATION_USER	Further option		<input checked="" type="checkbox"/> Recreate existing User	15
User Prefix	Z																				
Last Name	<ROLE_NAME>																				
User Type	A																				
Password	*****																				
Repeat Password	*****																				
<input checked="" type="checkbox"/> Self-register																					
<b>Role Assignment</b>																					
Add. Role Assignment	Z_FIORI_FOUNDATION_USER																				
Further option																					
<input checked="" type="checkbox"/> Recreate existing User	15																				
<p>16. Click  to save your settings for the test user creation.</p> <p>17. Click  to go back to the task list configuration screen.</p>	<p>Variant Edit Goto System Hilfe</p> <p>Edit Variants: Variant CCB99254865044</p> <p>Variant Attributes <i>i</i></p> <p>Settings User creation</p> <table border="1"> <tr><td>User Prefix</td><td>Z</td></tr> <tr><td>Last Name</td><td>&lt;ROLE_NAME&gt;</td></tr> <tr><td>User Type</td><td>A</td></tr> <tr><td>Password</td><td>*****</td></tr> <tr><td>Repeat Password</td><td>*****</td></tr> <tr><td><input checked="" type="checkbox"/> Self-register</td><td></td></tr> <tr><td colspan="2"><b>Role Assignment</b></td></tr> <tr><td>Add. Role Assignment</td><td>Z_FIORI_FOUNDATION_USER</td></tr> <tr><td colspan="2">Further option</td></tr> <tr><td><input checked="" type="checkbox"/> Recreate existing User</td><td>15</td></tr> </table>	User Prefix	Z	Last Name	<ROLE_NAME>	User Type	A	Password	*****	Repeat Password	*****	<input checked="" type="checkbox"/> Self-register		<b>Role Assignment</b>		Add. Role Assignment	Z_FIORI_FOUNDATION_USER	Further option		<input checked="" type="checkbox"/> Recreate existing User	15
User Prefix	Z																				
Last Name	<ROLE_NAME>																				
User Type	A																				
Password	*****																				
Repeat Password	*****																				
<input checked="" type="checkbox"/> Self-register																					
<b>Role Assignment</b>																					
Add. Role Assignment	Z_FIORI_FOUNDATION_USER																				
Further option																					
<input checked="" type="checkbox"/> Recreate existing User	15																				

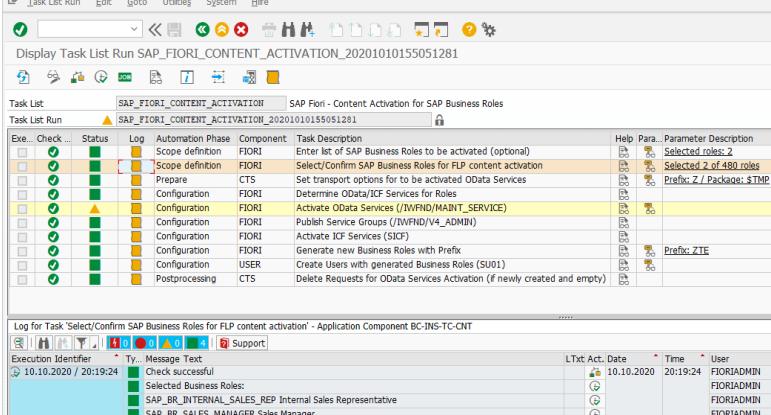
Explanation	Screenshot																																																							
<p></p> <p>In the previous steps you have defined the content activation scope (business roles) and some settings regarding the test role and user creation. In the next exercise you will execute the task list run and check the results.</p>	 <p>The screenshot shows the SAP Fiori Content Activation Task List Run interface. The title bar reads "Maintain Task List Run SAP_FIORI_CONTENT_ACTIVATION_20201014204134168". The main area displays a table of tasks:</p> <table border="1"> <thead> <tr> <th>E... C... S... L...</th> <th>Autom. Phase</th> <th>Comp. Task Description</th> <th>H... P...</th> <th>Parameter Description</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/></td> <td>Scope definition</td> <td>FIORI Enter list of SAP Business Roles to be activated (optional)</td> <td></td> <td>Selected_roles: 2</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Scope definition</td> <td>FIORI Select/Confirm SAP Business Roles for FLP content activation</td> <td></td> <td>Selected 2 of 480 roles</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Prepare</td> <td>CTS Set transport options for to be activated OData Services</td> <td></td> <td>Prefix: Z / Package: \$TMP</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Configuration</td> <td>FIORI Determine OData/ICF Services for Roles</td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Configuration</td> <td>FIORI Activate OData Services (/IWEND/MAINT_SERVICE)</td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Configuration</td> <td>FIORI Publish Service Groups (/IWEND/V4_ADMIN)</td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Configuration</td> <td>FIORI Activate ICF Services (SICF)</td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Configuration</td> <td>FIORI Generate new Business Roles with Prefix</td> <td></td> <td>Prefix: ZTE</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Configuration</td> <td>USER Create Users with generated Business Roles (SU01)</td> <td></td> <td>User: Z*** / Re-create user: selected</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Postprocessing</td> <td>CTS Delete Requests for OData Services Activation (if newly created and empty)</td> <td></td> <td></td> </tr> </tbody> </table>	E... C... S... L...	Autom. Phase	Comp. Task Description	H... P...	Parameter Description	<input checked="" type="checkbox"/>	Scope definition	FIORI Enter list of SAP Business Roles to be activated (optional)		Selected_roles: 2	<input checked="" type="checkbox"/>	Scope definition	FIORI Select/Confirm SAP Business Roles for FLP content activation		Selected 2 of 480 roles	<input checked="" type="checkbox"/>	Prepare	CTS Set transport options for to be activated OData Services		Prefix: Z / Package: \$TMP	<input checked="" type="checkbox"/>	Configuration	FIORI Determine OData/ICF Services for Roles			<input checked="" type="checkbox"/>	Configuration	FIORI Activate OData Services (/IWEND/MAINT_SERVICE)			<input checked="" type="checkbox"/>	Configuration	FIORI Publish Service Groups (/IWEND/V4_ADMIN)			<input checked="" type="checkbox"/>	Configuration	FIORI Activate ICF Services (SICF)			<input checked="" type="checkbox"/>	Configuration	FIORI Generate new Business Roles with Prefix		Prefix: ZTE	<input checked="" type="checkbox"/>	Configuration	USER Create Users with generated Business Roles (SU01)		User: Z*** / Re-create user: selected	<input checked="" type="checkbox"/>	Postprocessing	CTS Delete Requests for OData Services Activation (if newly created and empty)		
E... C... S... L...	Autom. Phase	Comp. Task Description	H... P...	Parameter Description																																																				
<input checked="" type="checkbox"/>	Scope definition	FIORI Enter list of SAP Business Roles to be activated (optional)		Selected_roles: 2																																																				
<input checked="" type="checkbox"/>	Scope definition	FIORI Select/Confirm SAP Business Roles for FLP content activation		Selected 2 of 480 roles																																																				
<input checked="" type="checkbox"/>	Prepare	CTS Set transport options for to be activated OData Services		Prefix: Z / Package: \$TMP																																																				
<input checked="" type="checkbox"/>	Configuration	FIORI Determine OData/ICF Services for Roles																																																						
<input checked="" type="checkbox"/>	Configuration	FIORI Activate OData Services (/IWEND/MAINT_SERVICE)																																																						
<input checked="" type="checkbox"/>	Configuration	FIORI Publish Service Groups (/IWEND/V4_ADMIN)																																																						
<input checked="" type="checkbox"/>	Configuration	FIORI Activate ICF Services (SICF)																																																						
<input checked="" type="checkbox"/>	Configuration	FIORI Generate new Business Roles with Prefix		Prefix: ZTE																																																				
<input checked="" type="checkbox"/>	Configuration	USER Create Users with generated Business Roles (SU01)		User: Z*** / Re-create user: selected																																																				
<input checked="" type="checkbox"/>	Postprocessing	CTS Delete Requests for OData Services Activation (if newly created and empty)																																																						

## Execute activation task list

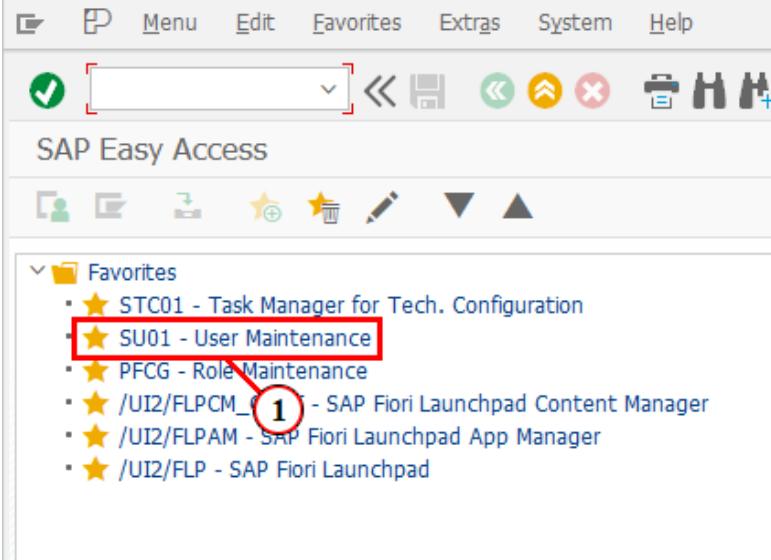
Explanation	Screenshot
<p>1. Click  to execute the task list run.</p>	 <p>The screenshot shows the SAP Fiori Content Activation Task List Run interface. The title bar reads "Maintain Task List Run SAP_FIORI_CONTENT_ACTIVATION_20201010155051281". The main area displays a table of tasks. A red circle highlights the "Run" button (a green square with a white play icon) in the toolbar at the top.</p>

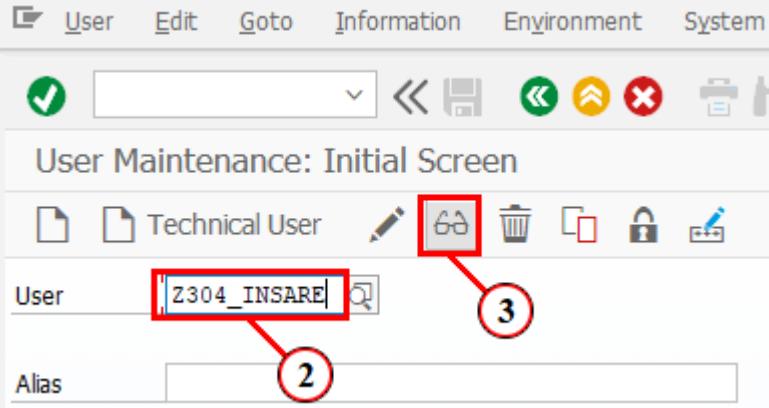
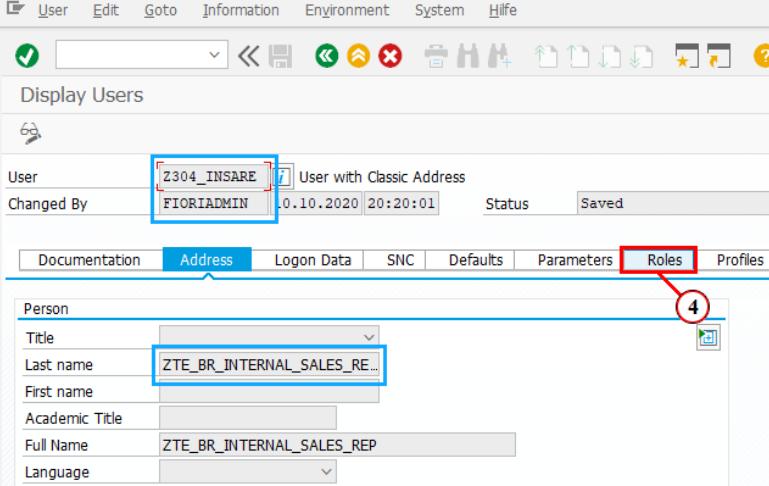
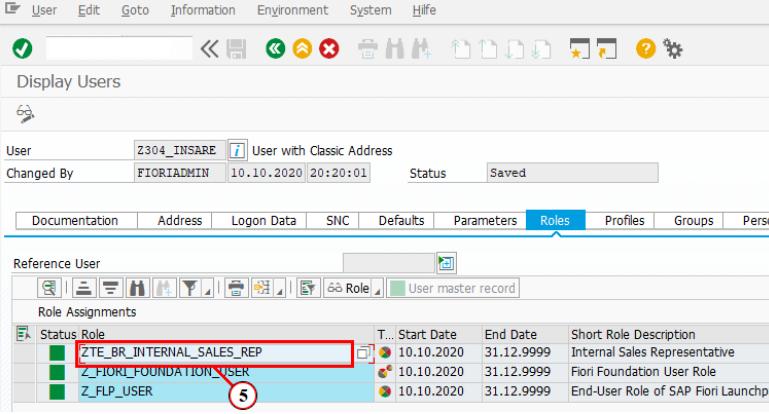
Explanation	Screenshot
<p> The status column of the top table shows that all tasks have been performed successfully: Status is green.</p>	
<p> You can ignore the warning for task <b>Activate OData Services</b> which is due to the taskprocessing service. This service uses a different deployment mode (not co-deployed), which is correct in this case.</p>	 <p>The screenshot shows the SAP Fiori Content Activation Task List Run interface. The task list table has columns: Exe..., Check..., Status, Log, Automation Phase, Component, and Task Description. Most tasks are marked as completed with green checkmarks in the Status column. One task, 'Activate OData Services (/IWEND/MAINT_SERVICE)', is highlighted in yellow and shows a warning icon in the Log column. A red box highlights this row. Another red box highlights the number '2' in the Automation Phase column of the last task, 'Create Users with generated Business Roles (SU01)'. Below the table, a log window displays messages related to user creation, with a blue box highlighting the entries for 'User Z304_INSARE created' and 'User Z434_SAMA created'.</p>
<p> On the bottom of the screen, you can see the execution log of the last task: The creation of a test user for each business role in scope.</p>	
<p> You will use the generated test user Z304_INSARE later in the exercise to experience the activated SAP Fiori content as <i>Internal Sales Representative</i>.</p> <p>2. Click  for task <i>Generate new Business Roles with Prefix</i> to display the log of the business role creation.</p>	

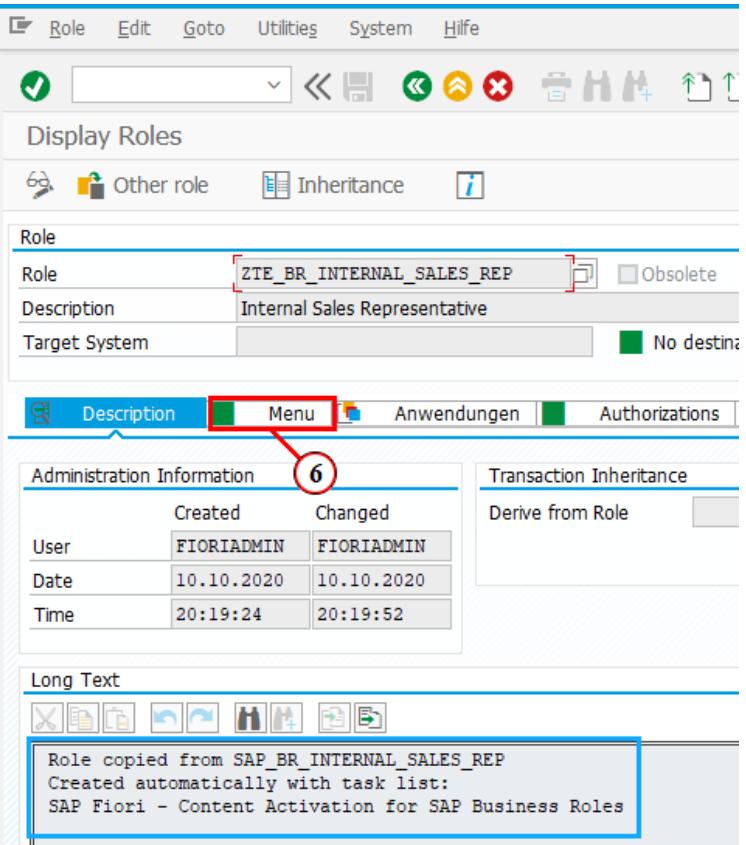
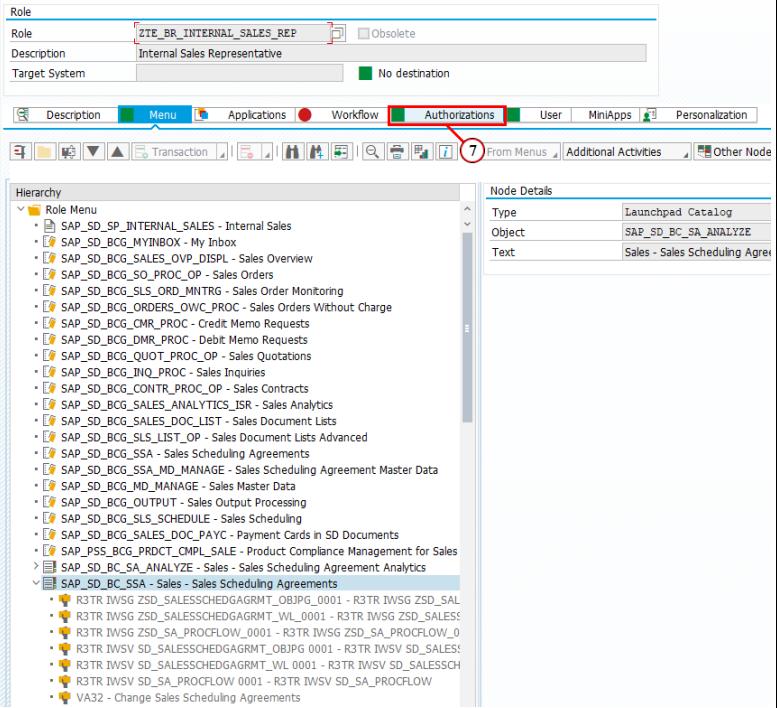
Explanation	Screenshot
<p> The log for the selected task shows that - according to your scope definition - two new roles have been created. These roles are named with the prefix that you defined in the last exercise.</p> <p>3. Click  for task <i>Activate OData Services</i> to display the log of the OData service activation.</p>	 <p>The screenshot shows the SAP Fiori Content Activation Task List Run interface. The task list includes various configuration steps and a task log. The task log for 'Generate new Business Roles with Prefix' shows two successful role creations: 'Role: ZTE_BR_INTERNAL_SALES_REP created/available' and 'Role: ZTE_BR_SALES_MANAGER created/available'. These entries are highlighted with a blue box.</p>
<p> According to the selected scope (business roles), all relevant OData services are activated.</p>	 <p>The screenshot shows the SAP Fiori Content Activation Task List Run interface. The task list includes configuration steps and an activation task. The activation log for 'Activate OData Services (/IWFND/MAINT_SERVICE)' shows multiple services being activated, such as SD_F2430_INCOMP_SRV, SD_F2713_SOCUSTEXPDRPRICE_SRV, LO_SETMAN_CCCUST_MAN, SD_F1852_QUOT_WL_SRV, SD_F1851_CONTR_WL_SRV, SD_F2305_SOWOC_WL_SRV, and SD_F1988_DMR_WL_SRV. These entries are highlighted with a blue box.</p>

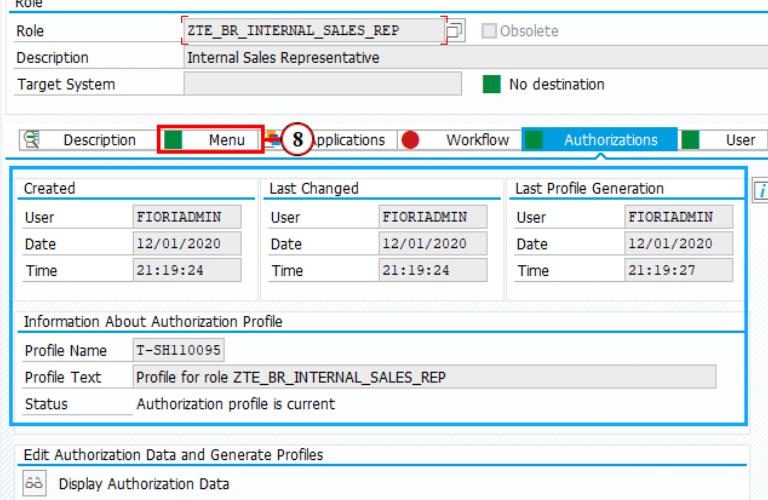
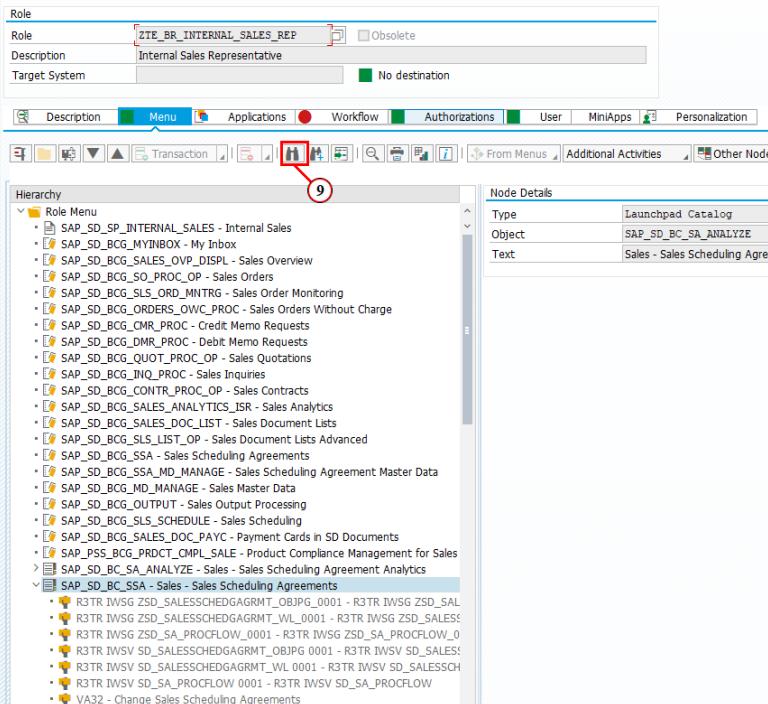
Explanation	Screenshot
<p> For each task you can display the log by selecting the icon  in the respective line.</p> <p>4. Click  twice to leave the task list manager.</p>	 <p>The screenshot shows the SAP Fiori Content Activation Task List Manager. The main window displays a table of tasks under the heading "SAP_FIORI_CONTENT_ACTIVATION". The tasks include "Scope definition", "Prepare", "Configuration", "Postprocessing", and "Postprocessing". The "Scope definition" task is highlighted with a yellow background. Below the table, a log entry for the "Select/Confirm SAP Business Roles for FLP content activation" task is shown, indicating success for "Selected Business Roles: SAP_BR_INTERNAL_SALES_REP Internal Sales Representative, SAP_BR_SALES_MANAGER Sales Manager".</p>

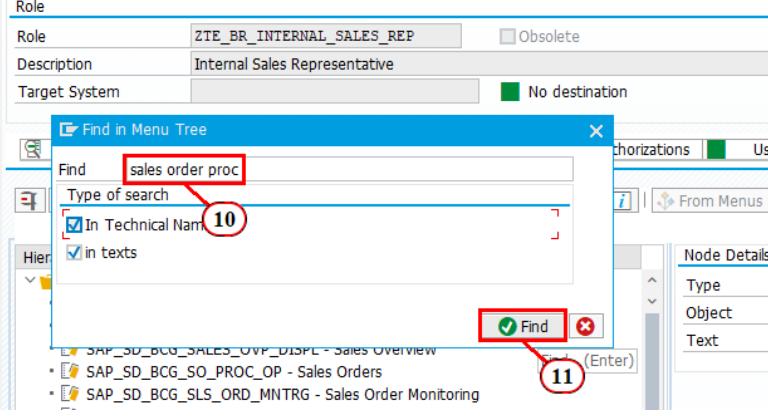
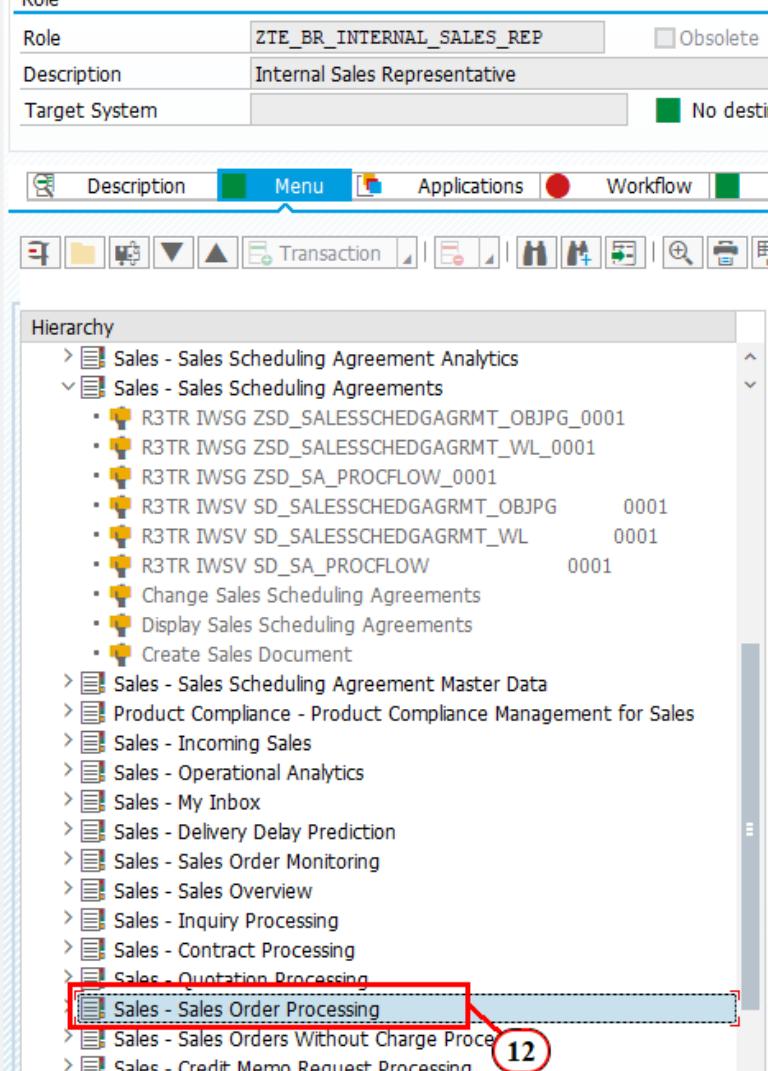
## Check generated users and roles

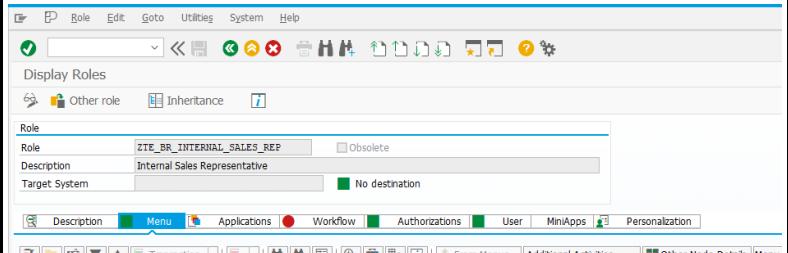
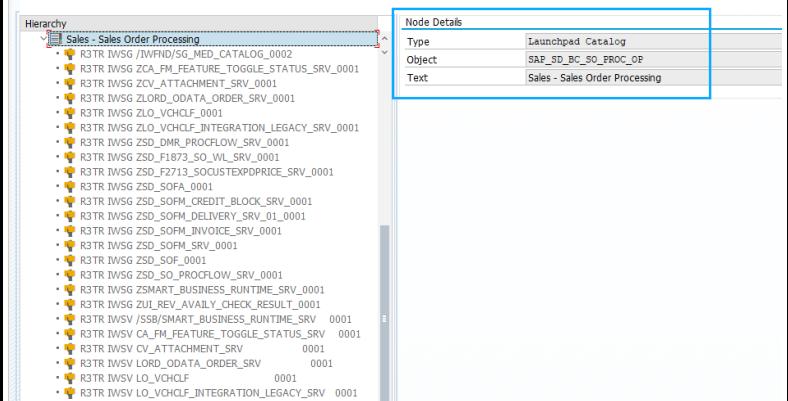
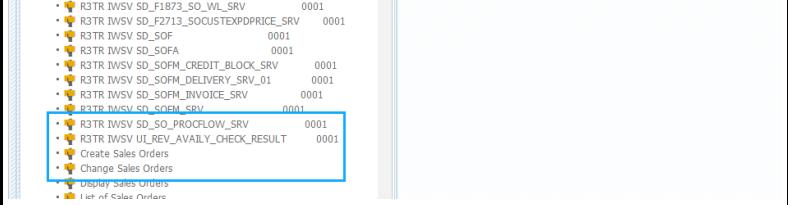
Explanation	Screenshot
<p> In the next steps you can verify the generated test user and business role, which allow to test the activated Fiori content in a sandbox system before you create and adapt your own custom content in a development system.</p> <p>1. Double-click <b>SU01-User Maintenance</b> or call transaction SU01.</p>	 <p>The screenshot shows the SAP Easy Access interface. The "Favorites" menu is open, displaying several items: "STC01 - Task Manager for Tech. Configuration", "SU01 - User Maintenance" (which is highlighted with a red box and has a circled number 1 above it), "PFCG - Role Maintenance", "/UI2/FLPCM - SAP Fiori Launchpad Content Manager", "/UI2/FLPAM - SAP Fiori Launchpad App Manager", and "/UI2/FLP - SAP Fiori Launchpad".</p>

Explanation	Screenshot																				
<p>2. Enter User: <b>Z304_INSARE</b>. This is the user that has been created in the task list run in the previous exercise.</p> <p>3. Click  to display the user details.</p>	 <p>User Maintenance: Initial Screen</p> <p>User <b>Z304_INSARE</b> (info icon)     </p> <p>Alias      </p> <p>3</p> <p>2</p>																				
<p> User Z304_INSARE has been created by the task list run, which has been started by user FIORIADMIN.</p> <p> As configured in the task list run, the <i>Last name</i> of the created test user is the assigned business role.</p> <p>4. Choose Roles.</p>	 <p>Display Users</p> <p>User <b>Z304_INSARE</b> (info icon)  User with Classic Address</p> <p>Changed By <b>FIORIADMIN</b> 10.10.2020 20:20:01 Status Saved</p> <p>Documentation Address Logon Data SNC Defaults Parameters Roles Profiles</p> <p>4</p> <p>Person</p> <p>Title  </p> <p>Last name <b>ZTE_BR_INTERNAL_SALES_RE...</b>  </p> <p>First name  </p> <p>Academic Title  </p> <p>Full Name <b>ZTE_BR_INTERNAL_SALES REP</b>  </p> <p>Language  </p>																				
<p> The generated test role <b>ZTE_BR_INTERNAL_SALES REP</b> is assigned to user <b>Z304_INSARE</b>.</p> <p>5. Double-click role <b>ZTE_BR_INTERNAL_SALES REP</b> to navigate to the role details.</p>	 <p>Display Users</p> <p>User <b>Z304_INSARE</b> (info icon)  User with Classic Address</p> <p>Changed By <b>FIORIADMIN</b> 10.10.2020 20:20:01 Status Saved</p> <p>Documentation Address Logon Data SNC Defaults Parameters Roles Profiles Groups Person</p> <p>Reference User               </p> <p>Role Assignments</p> <table border="1"> <thead> <tr> <th>Status Role</th> <th>T...</th> <th>Start Date</th> <th>End Date</th> <th>Short Role Description</th> </tr> </thead> <tbody> <tr> <td> <b>ZTE_BR_INTERNAL_SALES REP</b></td> <td> </td> <td>10.10.2020</td> <td>31.12.9999</td> <td>Internal Sales Representative</td> </tr> <tr> <td> <b>Z_FIORI_FOUNDATION_USER</b></td> <td> </td> <td>10.10.2020</td> <td>31.12.9999</td> <td>Fiori Foundation User Role</td> </tr> <tr> <td> <b>Z_FLP_USER</b></td> <td> </td> <td>10.10.2020</td> <td>31.12.9999</td> <td>End-User Role of SAP Fiori Launchpad</td> </tr> </tbody> </table> <p>5</p>	Status Role	T...	Start Date	End Date	Short Role Description	 <b>ZTE_BR_INTERNAL_SALES REP</b>	 	10.10.2020	31.12.9999	Internal Sales Representative	 <b>Z_FIORI_FOUNDATION_USER</b>	 	10.10.2020	31.12.9999	Fiori Foundation User Role	 <b>Z_FLP_USER</b>	 	10.10.2020	31.12.9999	End-User Role of SAP Fiori Launchpad
Status Role	T...	Start Date	End Date	Short Role Description																	
 <b>ZTE_BR_INTERNAL_SALES REP</b>	 	10.10.2020	31.12.9999	Internal Sales Representative																	
 <b>Z_FIORI_FOUNDATION_USER</b>	 	10.10.2020	31.12.9999	Fiori Foundation User Role																	
 <b>Z_FLP_USER</b>	 	10.10.2020	31.12.9999	End-User Role of SAP Fiori Launchpad																	

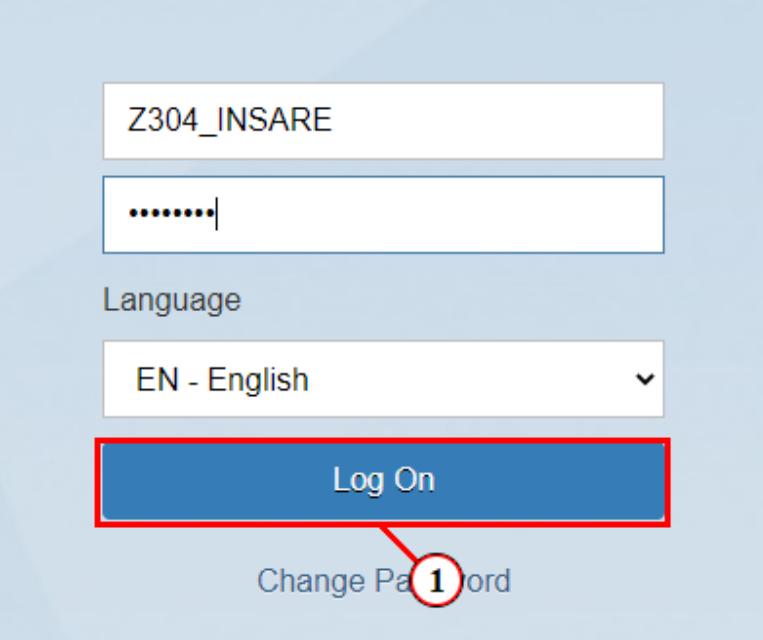
Explanation	Screenshot
<p> The role details are displayed in a new SAP GUI window (transaction PFCG). The <i>Description</i> shows that this role has been created by the task list run.</p> <p>6. Choose <i>Menu</i>.</p>	
<p> The role menu contains all Fiori catalogs and groups which are delivered with the business role SAP_BR_INTERNAL_SALES REP.</p> <p>7. Choose <i>Authorizations</i>.</p>	

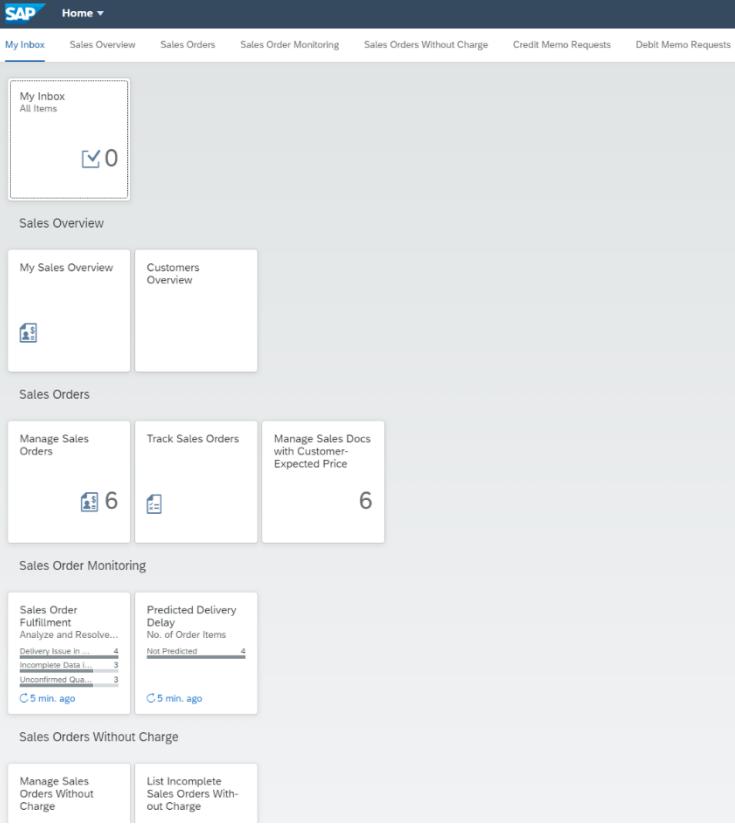
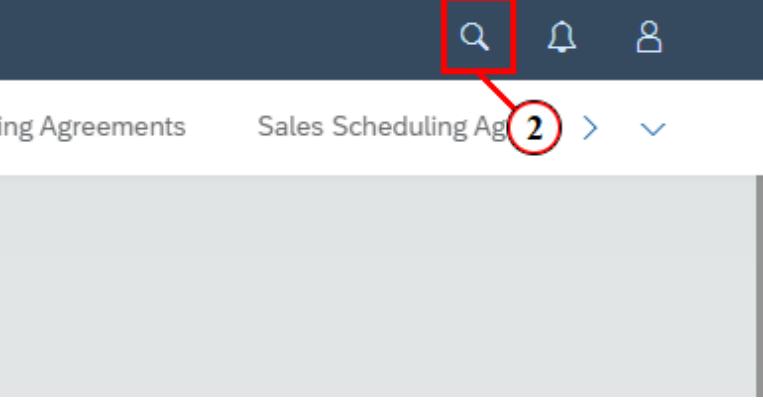
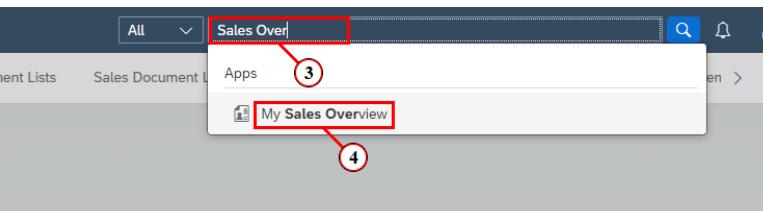
Explanation	Screenshot
<p> The authorization profile is already generated. With this, the user will be able to experience all apps included in the role menu.</p> <p>8. Choose <b>Menu</b> to have a closer look on the role content.</p>	 <p>The screenshot shows the SAP Fiori Role Management interface. A role named 'ZTE_BR_INTERNAL_SALES REP' is selected. The 'Menu' tab is highlighted with a red circle and the number '8'. Below the tabs, there are sections for 'Created', 'Last Changed', and 'Last Profile Generation' with details for the user 'FIORIADMIN'. Under 'Information About Authorization Profile', it shows the profile name 'T-SH110095', profile text 'Profile for role ZTE_BR_INTERNAL_SALES REP', and status 'Authorization profile is current'. At the bottom, there are buttons for 'Edit Authorization Data and Generate Profiles' and 'Display Authorization Data'.</p>
<p> In the first exercise, when discovering SAP Fiori apps in the SAP Fiori apps reference library, you selected some apps, which are part of the SAP business catalog <i>Sales Order Processing</i>.</p> <p>This business catalog has been assigned to the generated test role <i>ZTE_BR_INTERNAL_SALES REP</i> including all authorizations, which are needed to test the apps.</p> <p>9. Click  to search for the business catalog <i>Sales Order Processing</i>.</p>	 <p>The screenshot shows the SAP Fiori Role Management interface with the 'Hierarchy' tab selected (highlighted with a red circle and the number '9'). It displays a tree view of the 'Sales Order Processing' business catalog, including nodes like 'Internal Sales', 'Sales Overview', 'Sales Order Monitoring', 'Sales Orders Without Charge', etc. To the right, a 'Node Details' panel shows the node type as 'Launchpad Catalog', object as 'SAP_SD_BC_SA_ANALYZE', and text as 'Sales - Sales Scheduling Agree'. There are also buttons for 'From Menus', 'Additional Activities', and 'Other Node'.</p>

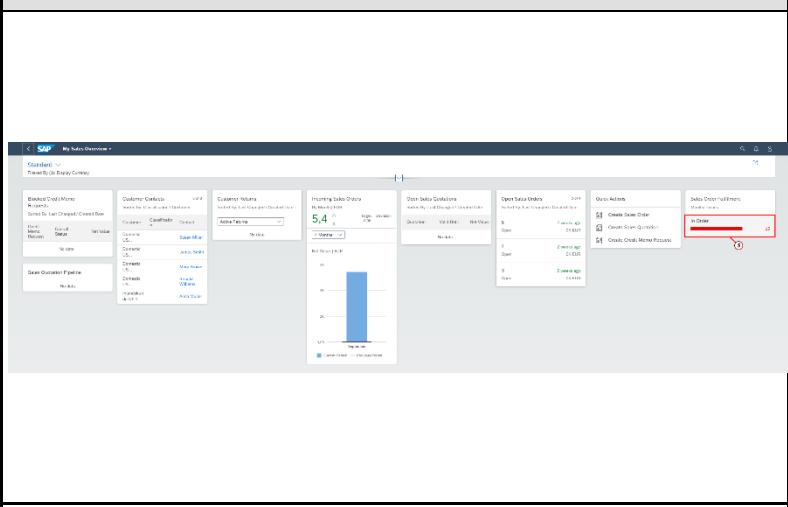
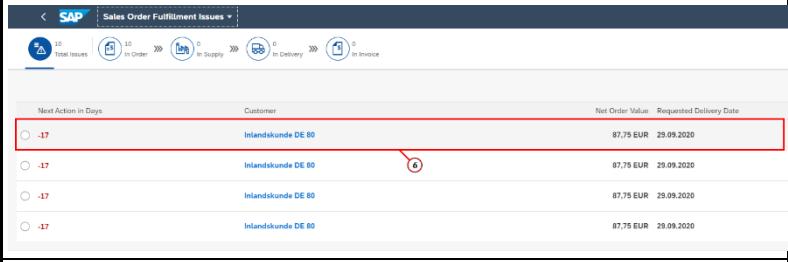
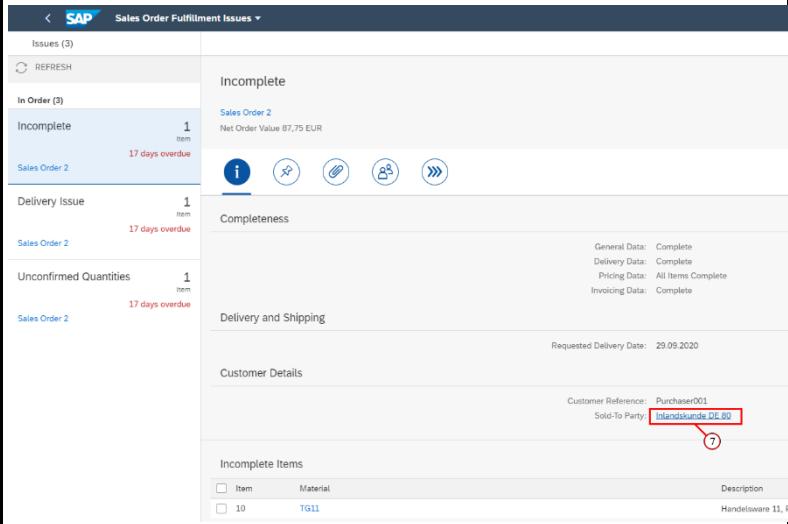
Explanation	Screenshot
<p>10. Enter <b>sales order proc</b> in the search field.</p> <p>11. Choose <i>Find</i>.</p>	
<p>12. Double-click catalog <i>Sales - Sales Order Processing</i> to show the <i>Node Details</i> and the objects included in the role menu via this catalog.</p>	

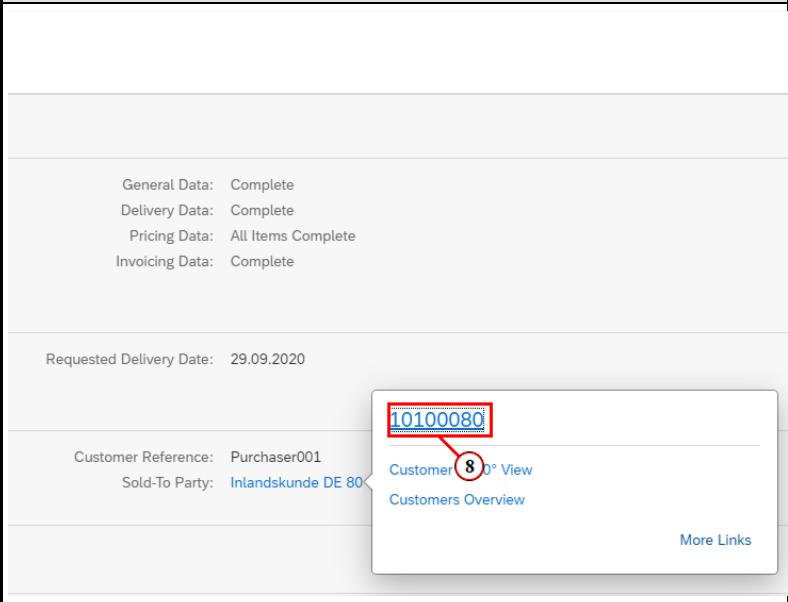
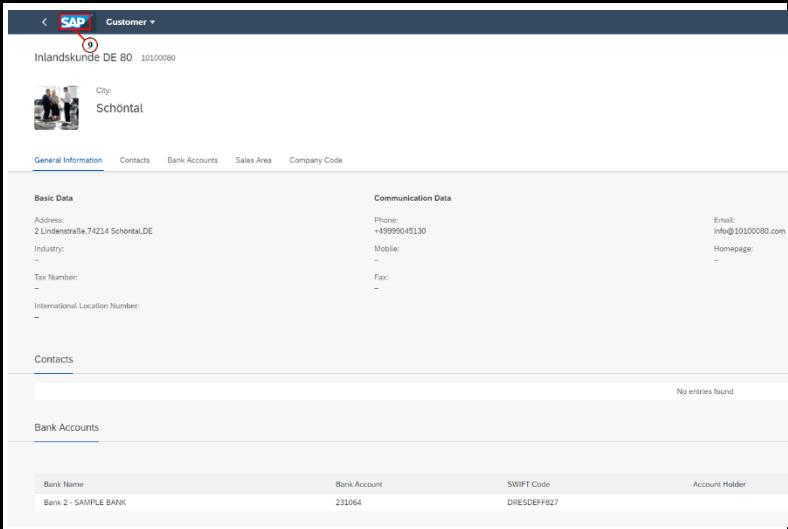
Explanation	Screenshot
<p> The catalog SAP_SD_BC_SO_RPOC_OP is part of the generated business role, which is assigned to the generated test user.</p>	
<p> Please note that all applications and services that the user can use by the assignment of this business catalog are included in the role menu. This is valid for OData services as well as transaction codes and Web Dynpro applications. This is important to authorize the user for all included apps.</p>	
<p>Now you are able to test the activated SAP Fiori content with the test user.</p>	

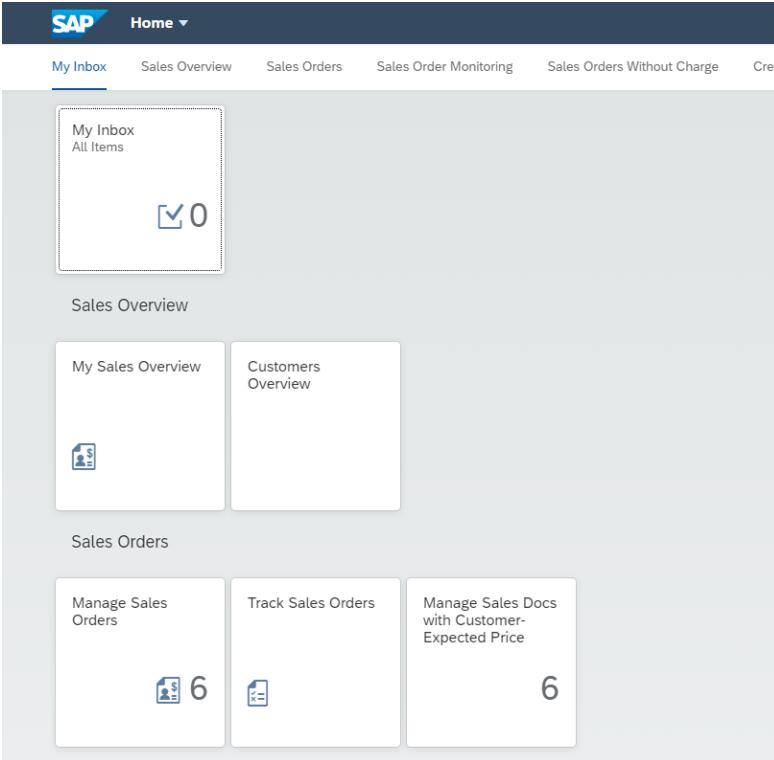
## Test activated content in SAP Fiori launchpad

Explanation	Screenshot
<p> You have started the SAP Fiori launchpad in a new browser window (Chrome) using the <i>SAP Fiori Launchpad</i> link on the Welcome Page.</p> <p> As an end user, you now will test the activated SAP Fiori launchpad content in the role of an internal sales representative.</p> <p>1. Log in with the test user <b>Z304_INSARE</b> and password <b>Welcome1</b>. Keep English as language.</p>	

Explanation	Screenshot
<p> This is the SAP Fiori launchpad home page of test user Z304_INSARE. This user can access all apps which are included in the generated business role ZTE_BR_INTERNAL_SALES_REP.</p> <p>Apps, which are included in an SAP Fiori tile group are visible on the home page. Apps, which are part of a business catalog but not included in a tile group, are not visible on the home page, but are accessible via the launchpad search or the app finder.</p>	
<p> Now you want to test the app <b>Sales Overview</b>.</p> <p>2. On the top right corner of the screen, open the search field.</p>	
<p>3. Enter <b>Sales Over</b> in the search field.</p> <p>4. Choose <i>My Sales Overview</i> in the search result to launch the app.</p>	

Explanation	Screenshot
<p> In the next steps you will test the app-to-app navigation starting from the initial screen of the <i>My Sales Overview</i> app. All related apps are part of the Internal Sales Representative business role and therefore all relevant services have been activated in the content activation task list run before.</p> <p>5. Choose Sales Order Fulfillment Issues with status In Order.</p>	
<p>6. Select an issue item to get more insights.</p>	
<p>7. Click the customer name to get more details on the customer.</p>	

Explanation	Screenshot																
<p>8. Click the customer number to navigate to the customer factsheet.</p>	 <p>General Data: Complete Delivery Data: Complete Pricing Data: All Items Complete Invoicing Data: Complete</p> <p>Requested Delivery Date: 29.09.2020</p> <p>Customer Reference: Purchaser001 Sold-To Party: Inlandskunde DE 80</p> <p>More Links</p>																
<p>9. Click  to go back to the SAP Fiori launchpad home page.</p>	 <p>Inlandskunde DE 80 10100080</p> <p>City: Schöntal</p> <p>General Information Contacts Bank Accounts Sales Area Company Code</p> <p>Basic Data Communication Data</p> <table border="1"> <tr> <td>Address: 2 Lindenstraße, 74214 Schöntal, DE</td> <td>Phone: +49999045130</td> <td>Email: info@10100080.com</td> </tr> <tr> <td>Industry: -</td> <td>Mobile: -</td> <td>Homepage: -</td> </tr> <tr> <td>Tax Number: -</td> <td>Fax: -</td> <td></td> </tr> <tr> <td>International Location Number: -</td> <td></td> <td></td> </tr> </table> <p>Contacts</p> <p>No entries found</p> <p>Bank Accounts</p> <table border="1"> <tr> <td>Bank Name Bank 2 - SAMPLE BANK</td> <td>Bank Account 231064</td> <td>SWIFT Code DRESDENF927</td> <td>Account Holder</td> </tr> </table>	Address: 2 Lindenstraße, 74214 Schöntal, DE	Phone: +49999045130	Email: info@10100080.com	Industry: -	Mobile: -	Homepage: -	Tax Number: -	Fax: -		International Location Number: -			Bank Name Bank 2 - SAMPLE BANK	Bank Account 231064	SWIFT Code DRESDENF927	Account Holder
Address: 2 Lindenstraße, 74214 Schöntal, DE	Phone: +49999045130	Email: info@10100080.com															
Industry: -	Mobile: -	Homepage: -															
Tax Number: -	Fax: -																
International Location Number: -																	
Bank Name Bank 2 - SAMPLE BANK	Bank Account 231064	SWIFT Code DRESDENF927	Account Holder														

Explanation	Screenshot
<p> In this exercise you experienced the usage of SAP Fiori apps including the navigation flow between different apps.</p> <p>By using SAP Fiori content activation task list based on business roles, it's ensured that all apps included in a certain business role are activated and the navigation network between the apps is working.</p>	 <p>The screenshot shows the SAP Fiori Launchpad. At the top, there is a navigation bar with links: My Inbox, Sales Overview, Sales Orders, Sales Order Monitoring, Sales Orders Without Charge, and Credit Management. Below the navigation bar, the "My Inbox" section is active, displaying "All Items" with a checked box icon and the number "0". The "Sales Overview" section is also visible. Under "Sales Orders", there are three cards: "Manage Sales Orders" (with 6 items), "Track Sales Orders", and "Manage Sales Docs with Customer-Expected Price" (with 6 items).</p>

## Summary

You have completed the exercise!

You are now able to:

- Access and configure an SAP Fiori content activation task list run
- Execute SAP Fiori content activation task list
- Check available users including assigned roles
- Examine a PFCG role for included catalogs and apps
- Use SAP Fiori launchpad to search and launch apps

# ADAPT AND CUSTOMIZE SAP FIORI CONTENT

## Overview

Estimated time: 30 minutes

### Objective

As a content administrator I want to be able to customize SAP Fiori content delivered by SAP. For example, I want to use SAP business catalogs as a template for own custom catalogs and remove apps or add additional apps to my business catalogs.

To ensure, that the end user can use all the apps according the business role, I need to check that the relevant OData and ICF services are activated.

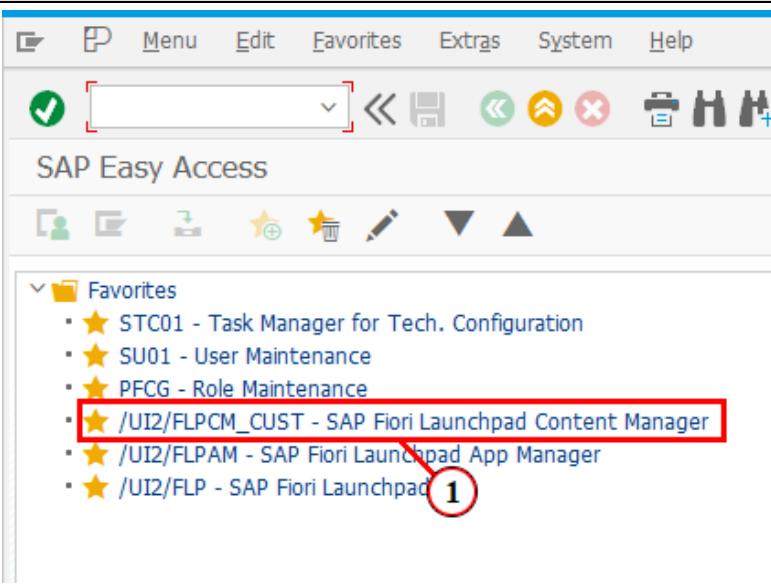
### Exercise Description

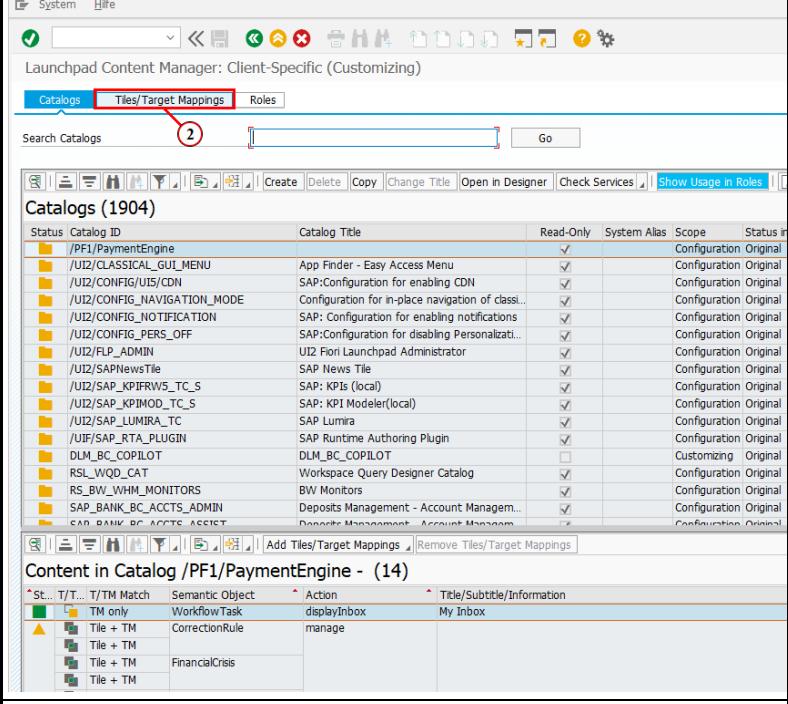
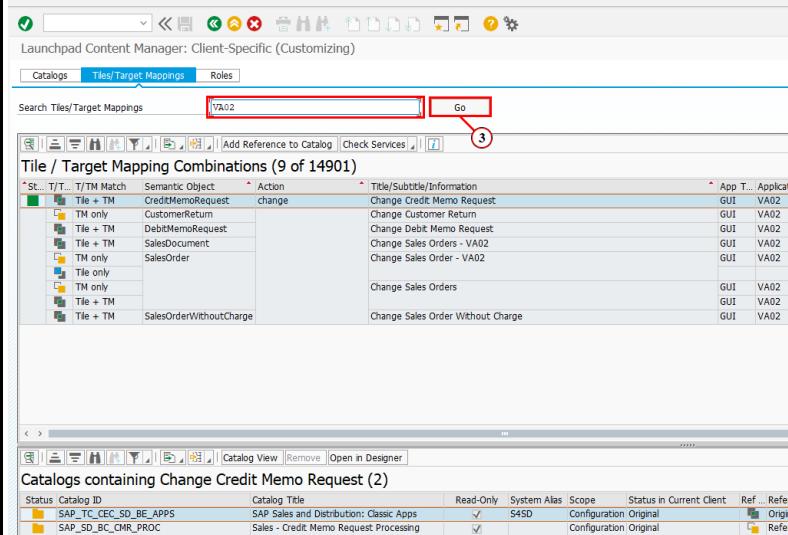
In the following exercise you will learn how to adapt SAP delivered Fiori launchpad content with SAP Fiori launchpad content manager and how to check and activate all relevant services.

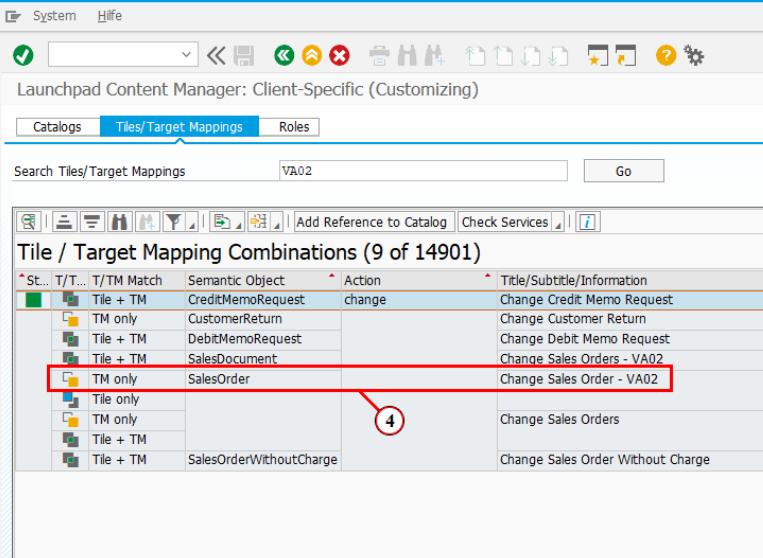
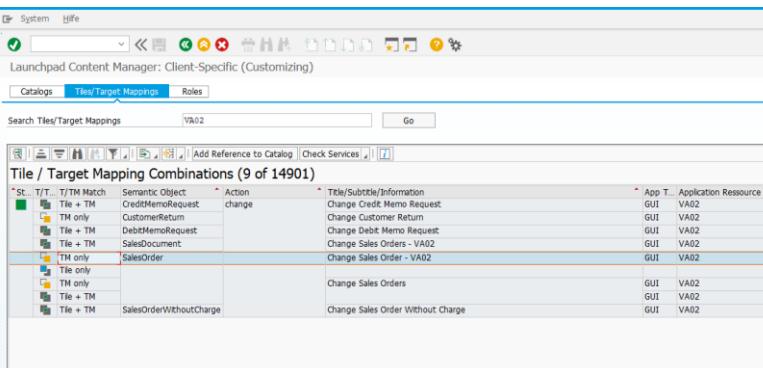
During this exercise you perform the following actions:

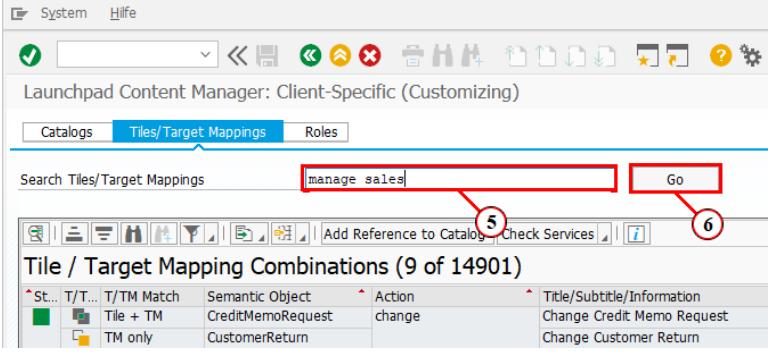
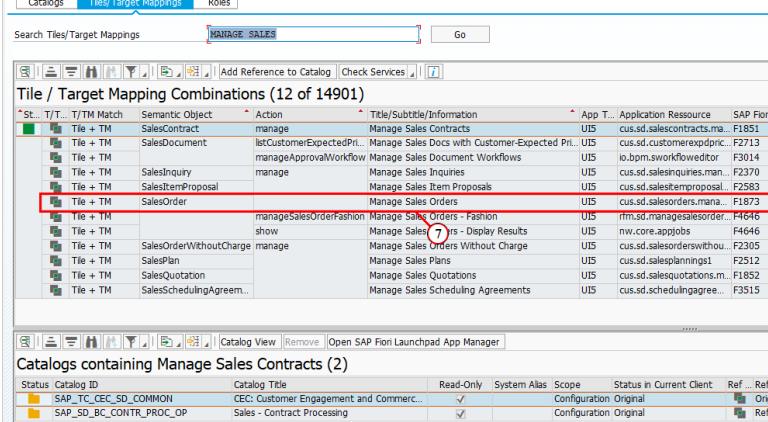
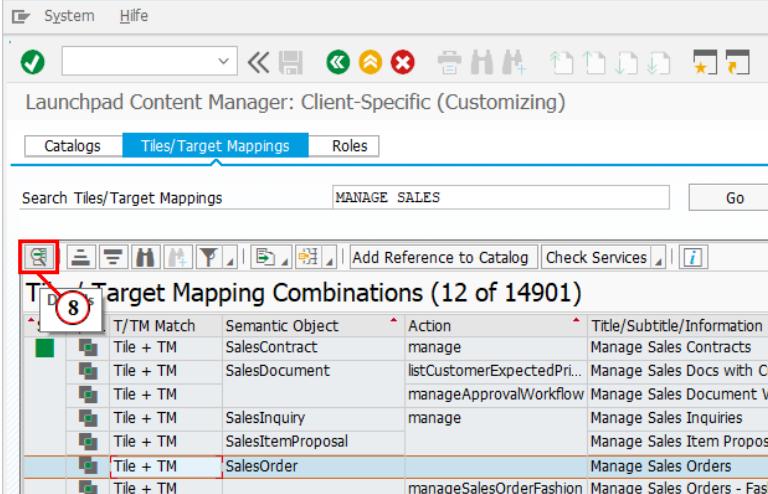
- Launch SAP Fiori launchpad content manager in customizing mode
- Explore apps and catalogs in Fiori launchpad content manager
- Create, copy and adapt business catalogs
- Assign catalogs to a PFCG role
- Check activation status of OData and ICF services
- Activate OData and ICF services for custom FLP content
- Enhance the authorization profile in PFCG
- Launch SAP Fiori launchpad home page and the app finder.

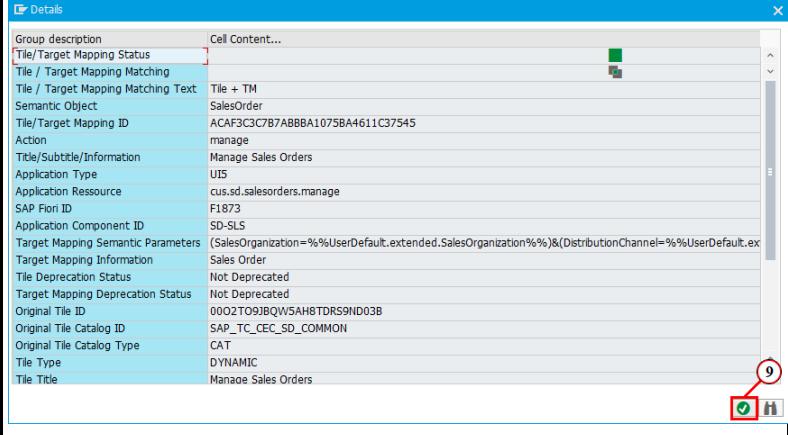
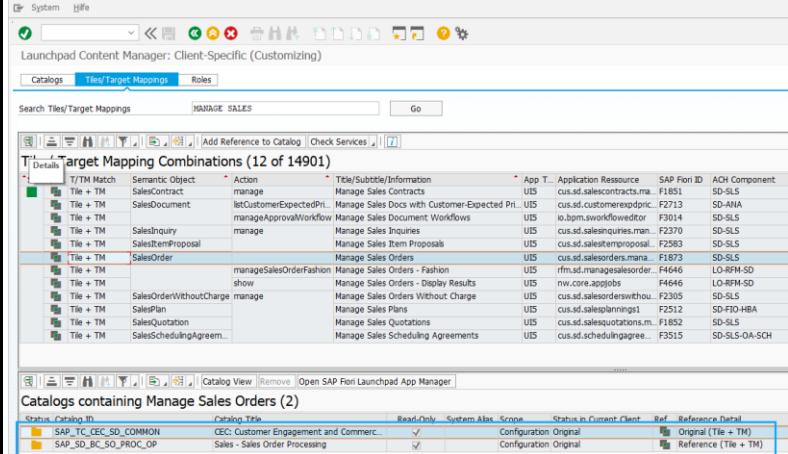
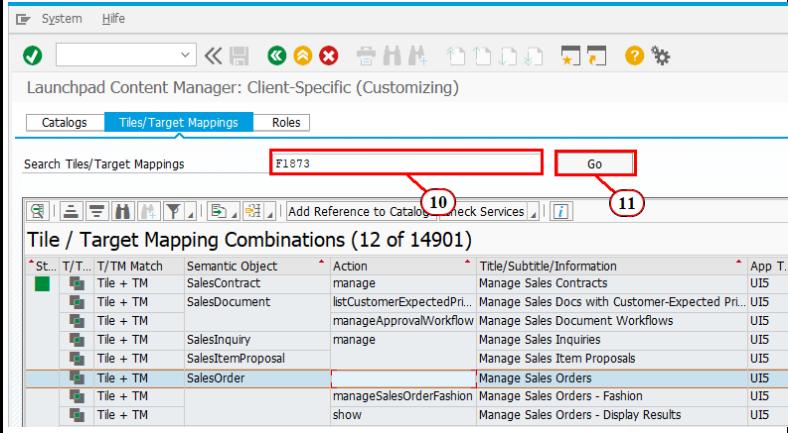
## Search for an app across all catalogs

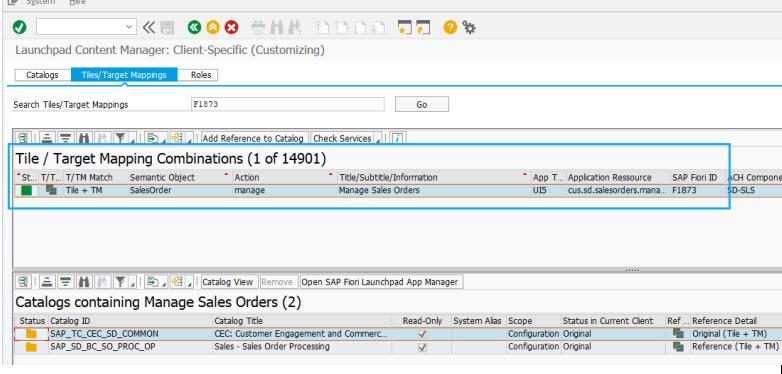
Explanation	Screenshot
<p>1. Choose <i>SAP Fiori Launchpad Content Manager</i> with a double-click or call transaction /UI2/FLPCM_CUST.</p> <p> Business catalogs in general are maintained on the customizing layer (client-specific).</p> <p>For more information, see <a href="#">Best Practices for Managing Catalogs</a>.</p>	 <p>The screenshot shows the SAP Fiori Launchpad Content Manager interface. At the top is a toolbar with icons for Menu, Edit, Favorites, Extras, System, and Help. Below the toolbar is a search bar with a green checkmark icon and a dropdown arrow. To the right of the search bar are icons for back, forward, refresh, and exit. The main area is titled "SAP Easy Access". Below this is a toolbar with icons for user, group, download, star, plus, pencil, and arrows. Underneath is a "Favorites" section with a dropdown arrow. The list contains several items, each preceded by a yellow star icon:       <ul style="list-style-type: none"> <li>STC01 - Task Manager for Tech. Configuration</li> <li>SU01 - User Maintenance</li> <li>PFCG - Role Maintenance</li> <li><b>/UI2/FLPCM_CUST - SAP Fiori Launchpad Content Manager</b> (this item is highlighted with a red rectangle)</li> <li>/UI2/FLPAM - SAP Fiori Launchpad App Manager</li> <li>/UI2/FLP - SAP Fiori Launchpad</li> </ul>       A red circle with the number "1" is drawn around the highlighted item in the list.     </p>

Explanation	Screenshot
<p> Initially you get a list of all available SAP Fiori catalogs (top table). For the selected catalog, you get the catalog content (tile/target mapping combinations) on the bottom of the screen.</p> <p>To find out, if there is a tile//target mapping definition for a certain app in any of the catalogs, switch to the <i>Tiles/Target Mapping</i> view and search for it.</p> <p>2. Choose Tiles/Target Mappings.</p>	
<p> On the <i>Tiles/Target Mapping</i> view, you get a list of all available tiles/target mapping (T/TM) configurations across all catalogs. You can search for a certain app according to various search criteria, as e.g. the Fiori ID, transaction code, description, etc.</p> <p>For example, let's search for a tile/target mapping configuration for transaction code VA02.</p> <p>3. Enter transaction code VA02 in the search field and choose Go.</p>	

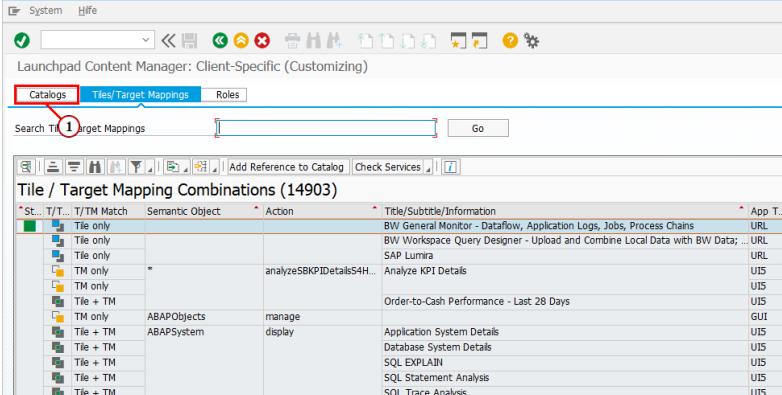
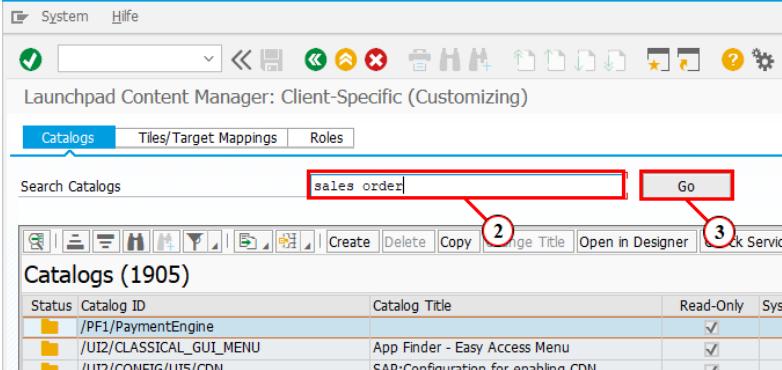
Explanation	Screenshot																																				
<p> There are several tile/target mapping combinations for VA02. For the selected entry you, you can see, in which catalog it is included (bottom table).</p> <p>4. Select the combination: <b>TM only - SalesOrder</b> (<i>Semantic Object</i>) - <b>change</b> (<i>Action</i>)</p>	 <table border="1" data-bbox="589 952 1352 1115"> <caption>Catalogs containing Change Credit Memo Request (2)</caption> <thead> <tr> <th>Status</th> <th>Catalog ID</th> <th>Catalog Title</th> <th>Read-Only</th> <th>System Alias</th> </tr> </thead> <tbody> <tr> <td></td> <td>SAP_TC_CEC_SD_BE_APPS</td> <td>SAP Sales and Distribution: Classic Apps</td> <td>✓</td> <td>S4SD</td> </tr> <tr> <td></td> <td>SAP_SD_BC_CM_R_PROC</td> <td>Sales - Credit Memo Request Processing</td> <td>✓</td> <td></td> </tr> </tbody> </table>	Status	Catalog ID	Catalog Title	Read-Only	System Alias		SAP_TC_CEC_SD_BE_APPS	SAP Sales and Distribution: Classic Apps	✓	S4SD		SAP_SD_BC_CM_R_PROC	Sales - Credit Memo Request Processing	✓																						
Status	Catalog ID	Catalog Title	Read-Only	System Alias																																	
	SAP_TC_CEC_SD_BE_APPS	SAP Sales and Distribution: Classic Apps	✓	S4SD																																	
	SAP_SD_BC_CM_R_PROC	Sales - Credit Memo Request Processing	✓																																		
<p> In this example the original TM is defined in technical catalog SAP_TC_CEC_SD_BE_APPS (<i>SAP Sales and Distribution: Classic Apps</i>).</p> <p> The business catalog SAP_SD_BC_SO_PROC_OP (<i>Sales Order Processing</i>) references this TM original definition.</p> <p>Business catalogs are used to make the apps available for the end users by adding them to PFCG roles. Later in this exercise, you will perform this action for your custom business catalog.</p> <p></p>	 <table border="1" data-bbox="589 1671 1352 1812"> <caption>Catalogs containing Change Sales Order - VA02 (3)</caption> <thead> <tr> <th>Status</th> <th>Catalog ID</th> <th>Catalog Title</th> <th>Read-Only</th> <th>System Alias</th> <th>Scope</th> <th>Status in Current Client</th> <th>Ref</th> <th>Reference Detail</th> </tr> </thead> <tbody> <tr> <td></td> <td>SAP_TC_CEC_SD_BE_APPS</td> <td>SAP Sales and Distribution: Classic Apps</td> <td>✓</td> <td>S4SD</td> <td>Configuration</td> <td>Original</td> <td></td> <td>Original (TM Only)</td> </tr> <tr> <td></td> <td>SAP_SD_BC_SLS_LIST_OP</td> <td>Sales - Sales Document Lists Advanced</td> <td>✓</td> <td></td> <td>Configuration</td> <td>Original</td> <td></td> <td>Reference (TM Only)</td> </tr> <tr> <td></td> <td>SAP_SD_BC_SO_PROC_OP</td> <td>Sales - Sales Order Processing</td> <td>✓</td> <td></td> <td>Configuration</td> <td>Original</td> <td></td> <td>Reference (TM Only)</td> </tr> </tbody> </table>	Status	Catalog ID	Catalog Title	Read-Only	System Alias	Scope	Status in Current Client	Ref	Reference Detail		SAP_TC_CEC_SD_BE_APPS	SAP Sales and Distribution: Classic Apps	✓	S4SD	Configuration	Original		Original (TM Only)		SAP_SD_BC_SLS_LIST_OP	Sales - Sales Document Lists Advanced	✓		Configuration	Original		Reference (TM Only)		SAP_SD_BC_SO_PROC_OP	Sales - Sales Order Processing	✓		Configuration	Original		Reference (TM Only)
Status	Catalog ID	Catalog Title	Read-Only	System Alias	Scope	Status in Current Client	Ref	Reference Detail																													
	SAP_TC_CEC_SD_BE_APPS	SAP Sales and Distribution: Classic Apps	✓	S4SD	Configuration	Original		Original (TM Only)																													
	SAP_SD_BC_SLS_LIST_OP	Sales - Sales Document Lists Advanced	✓		Configuration	Original		Reference (TM Only)																													
	SAP_SD_BC_SO_PROC_OP	Sales - Sales Order Processing	✓		Configuration	Original		Reference (TM Only)																													

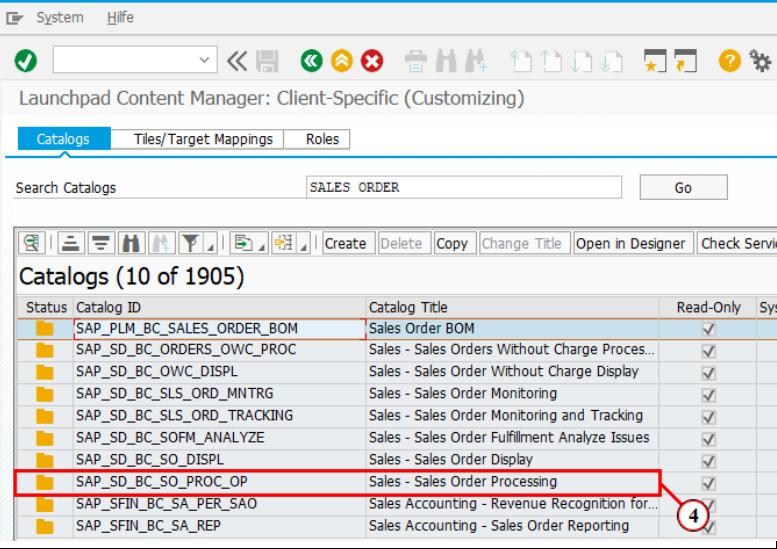
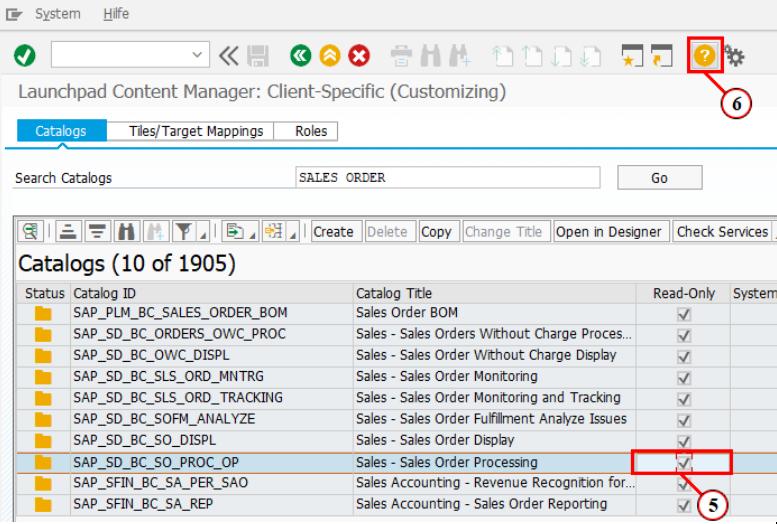
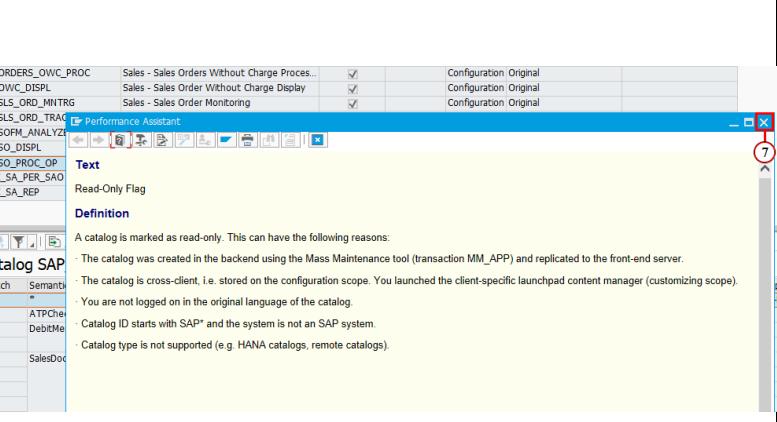
Explanation	Screenshot
<p>Maybe initially, you do not see all available information. Then just decrease the width of the table columns.</p>	
<p> Now let's search for the SAP Fiori app <i>Manage Sales Order</i>.</p> <p>5. Enter <b>manage sales</b> in the search field.</p> <p>6. Choose Go.</p>	 <p>The screenshot shows the SAP Fiori Launchpad Content Manager interface. The search bar contains 'manage sales'. A red box highlights the search bar, and a red arrow labeled '5' points to it. Another red box highlights the 'Go' button, and a red arrow labeled '6' points to it. Below the search bar is a toolbar with various icons. The main area displays a table titled 'Tile / Target Mapping Combinations (9 of 14901)'. The table has columns for Status, T/T... / T/TM Match, Semantic Object, Action, and Title/Subtitle/Information. One row is highlighted with a red box, and a red arrow labeled '7' points to it. The row details a 'Tile + TM' mapping for 'SalesOrder' with action 'manage'.</p>
<p>7. Select Tile+TM with tile title <i>Manage Sales Orders</i></p> <p> You directly can see the most important information on the tile and target mapping configuration in this table.</p>	 <p>The screenshot shows the same interface as above, but the table now displays 12 rows of mappings. The first row, which corresponds to the one highlighted in the previous screenshot, is selected and has a red box around it. A red arrow labeled '7' points to the 'Title/Subtitle/Information' column of this selected row. The table columns are identical to the previous screenshot.</p>
<p>8. Click  to get full details on the selected Tile/TM.</p>	 <p>The screenshot shows the same interface as the previous one, but the magnifying glass icon from the toolbar is highlighted with a red box and a red arrow labeled '8' points to it. This indicates that clicking the icon will provide more detailed information about the selected row in the table.</p>

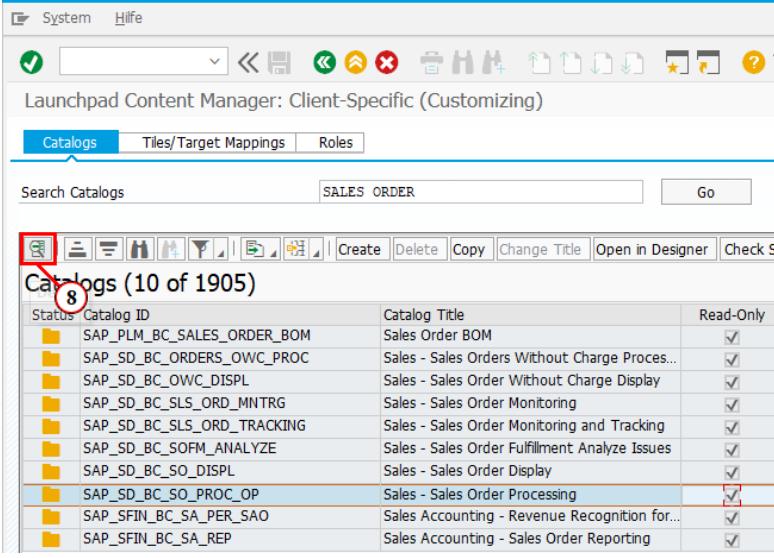
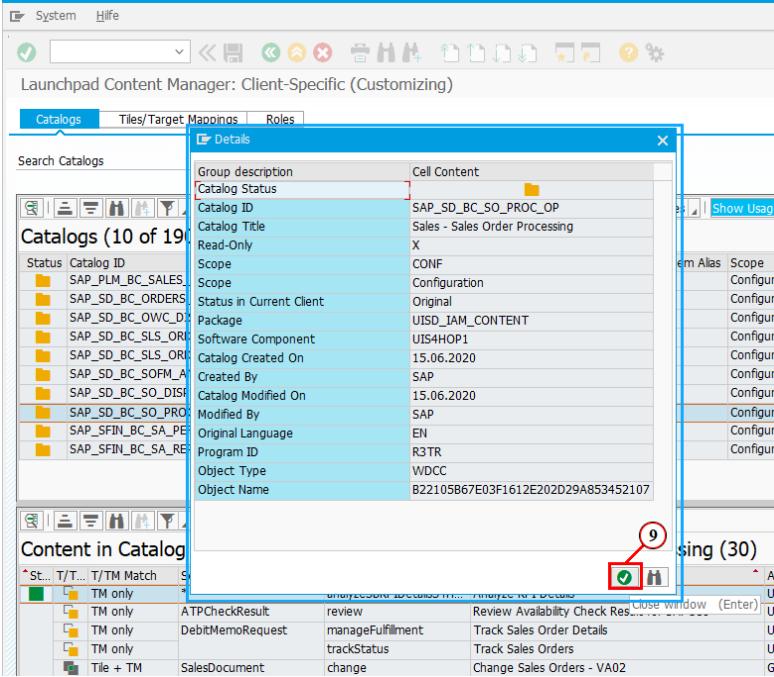
Explanation	Screenshot
<p> On the <i>Details</i> screen you get all available information on the selected Tile/TM, as e.g.</p> <ul style="list-style-type: none"> <li>• SAP Fiori ID (see SAP Fiori apps reference library)</li> <li>• Application Type</li> <li>• Target Application (UI5 component, transaction code,...)</li> <li>• Application Component ID</li> <li>• Original Tile Catalog</li> <li>• Target Mapping parameters</li> <li>• ...and more</li> </ul> <p>This information is very helpful for the Product Support.</p> <p>9. Click  to close the <i>Details</i> dialog window.</p>	
<p> On the bottom table you can see, that the <i>Manage Sales Orders</i> app is included in two catalogs:</p> <ul style="list-style-type: none"> <li>• SAP_TC_CEC_SD_COMMON (technical catalog) delivers the original Tile/TM definition.</li> <li>• SAP_SD_BC_SO_PROC_OP (business catalog) contains references to the same Tile/TM.</li> </ul>	
<p> Another search option across Fiori catalogs is to search for a certain SAP Fiori ID. You can get the Fiori ID of a certain app from the SAP Fiori app reference library, see also the exercises <i>Discover SAP Fiori Apps</i>.</p> <p>10. Enter Fiori ID <b>F1873</b> in the search field.</p> <p>11. Choose Go.</p>	

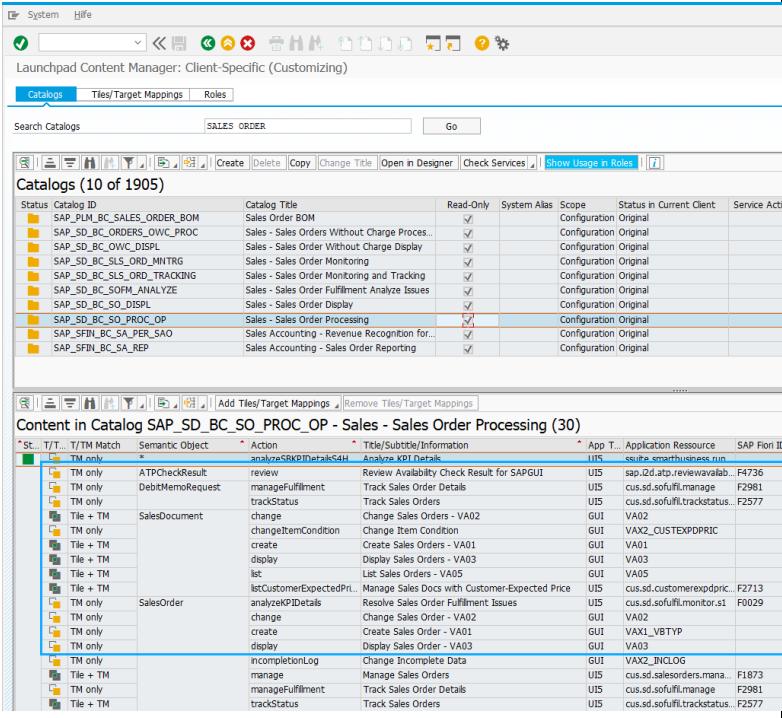
Explanation	Screenshot
<p></p> <p>There is one Tile/TM configuration available for SAP Fiori ID <b>F1873</b>. This is the same entry as we've found when searching for "manage sales" in the previous steps.</p> <p>Now you have experienced that there are various ways to detect the desired T/TM combination or app in the available catalogs.</p>	

## Explore SAP Fiori catalogs

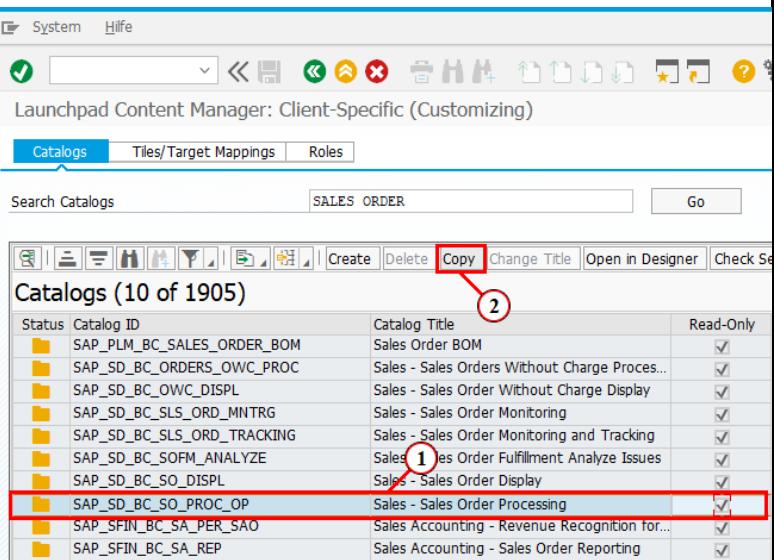
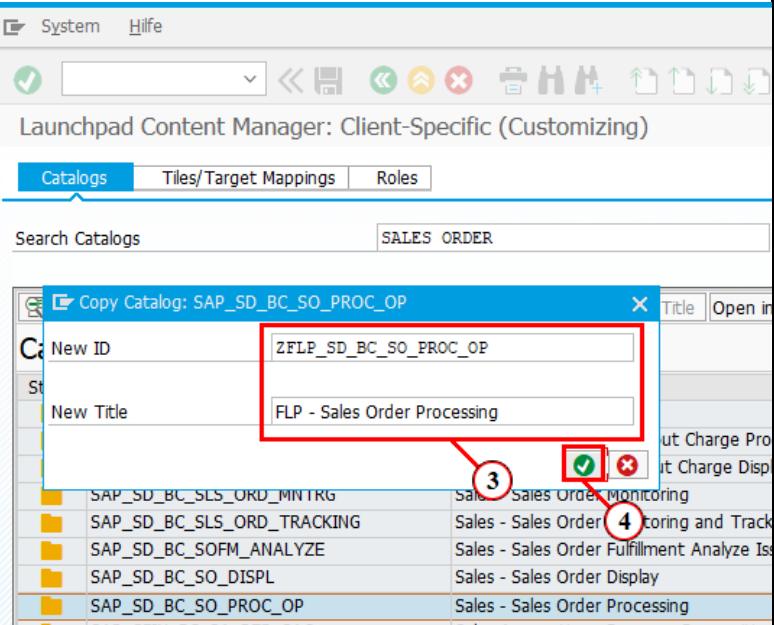
Explanation	Screenshot																				
<p></p> <p>In the previous exercise you used the Tile/TM view to get information on apps which are part of the SAP Fiori content. In this exercise you will use the catalog view to get information on available catalogs and the apps which are included.</p> <p>1. Choose <b>Catalogs</b> to switch to the catalogs view.</p>																					
<p>2. Enter <b>sales order</b> in the search field.</p> <p>3. Choose Go.</p>	 <table border="1" data-bbox="600 1743 1366 1848"> <caption>Catalogs (1905)</caption> <thead> <tr> <th>Status</th> <th>Catalog ID</th> <th>Catalog Title</th> <th>Read-Only</th> <th>System Alias</th> </tr> </thead> <tbody> <tr> <td>Normal</td> <td>/UI2/CLASSICAL_GUI_MENU</td> <td>App Finder - Easy Access Menu</td> <td>✓</td> <td></td> </tr> <tr> <td>Normal</td> <td>/UI2/CONFIG_UI5_CDN</td> <td>SAP:Configuration for enabling CDN</td> <td>✓</td> <td></td> </tr> <tr> <td>Normal</td> <td>/UI2/CONFIG_NAVIGATION_MODE</td> <td>Configuration for in-place navigation of classi...</td> <td>✓</td> <td></td> </tr> </tbody> </table>	Status	Catalog ID	Catalog Title	Read-Only	System Alias	Normal	/UI2/CLASSICAL_GUI_MENU	App Finder - Easy Access Menu	✓		Normal	/UI2/CONFIG_UI5_CDN	SAP:Configuration for enabling CDN	✓		Normal	/UI2/CONFIG_NAVIGATION_MODE	Configuration for in-place navigation of classi...	✓	
Status	Catalog ID	Catalog Title	Read-Only	System Alias																	
Normal	/UI2/CLASSICAL_GUI_MENU	App Finder - Easy Access Menu	✓																		
Normal	/UI2/CONFIG_UI5_CDN	SAP:Configuration for enabling CDN	✓																		
Normal	/UI2/CONFIG_NAVIGATION_MODE	Configuration for in-place navigation of classi...	✓																		

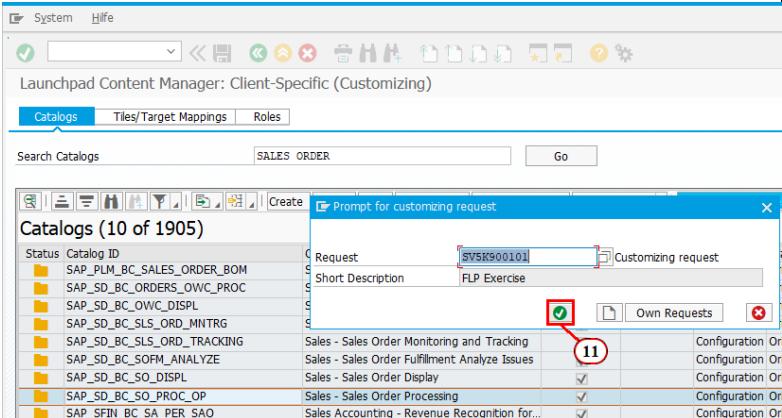
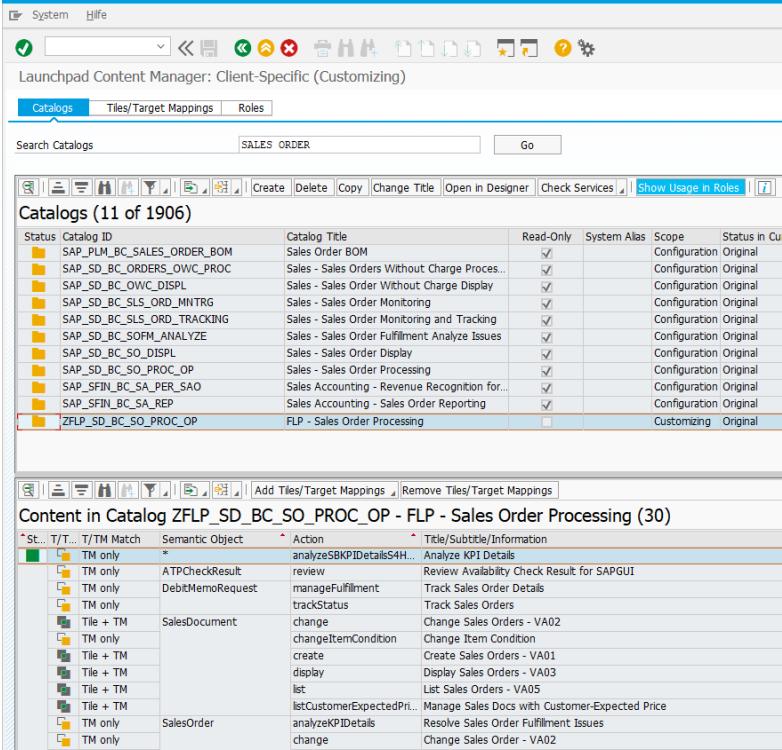
Explanation	Screenshot
<p>4. Choose catalog <b>SAP_SD_BC_SO_PROC_OP</b> (Sales Order Processing).</p>	
<p>The selected catalog is marked as <b>read-only</b>. That means, it cannot be changed.</p> <p>5. To show the possible reasons for the catalog to be read-only, select table column <i>Read-Only</i>.</p> <p>6. Click  to get more details.</p>	
<p>This screen shows the possible reasons, why a catalog may be read-only.</p> <p>For the selected catalog <b>SAP_SD_BC_SO_PROC_OP</b> the reason is, that the catalog is an SAP-delivered catalog and has been delivered on the configuration layer (client-independent).</p> <p>7. Close the dialog window.</p>	

Explanation	Screenshot
<p>8. Click  to show detailed information on the selected catalog.</p>	
<p> On the <i>Details</i> dialog you get full details on the selected catalog, as for example:</p> <ul style="list-style-type: none"> <li>• Scope (configuration or customizing layer)</li> <li>• Read-Only (yes/no)</li> <li>• Software package and component</li> <li>• Created at and created by</li> <li>• Changed at and changed by</li> <li>• and more...</li> </ul> <p>9. Click  to close the <i>Details</i> dialog window.</p>	

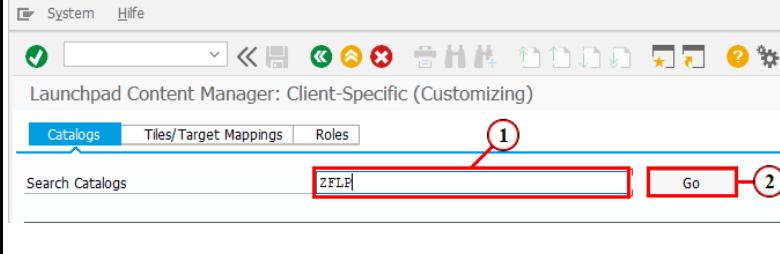
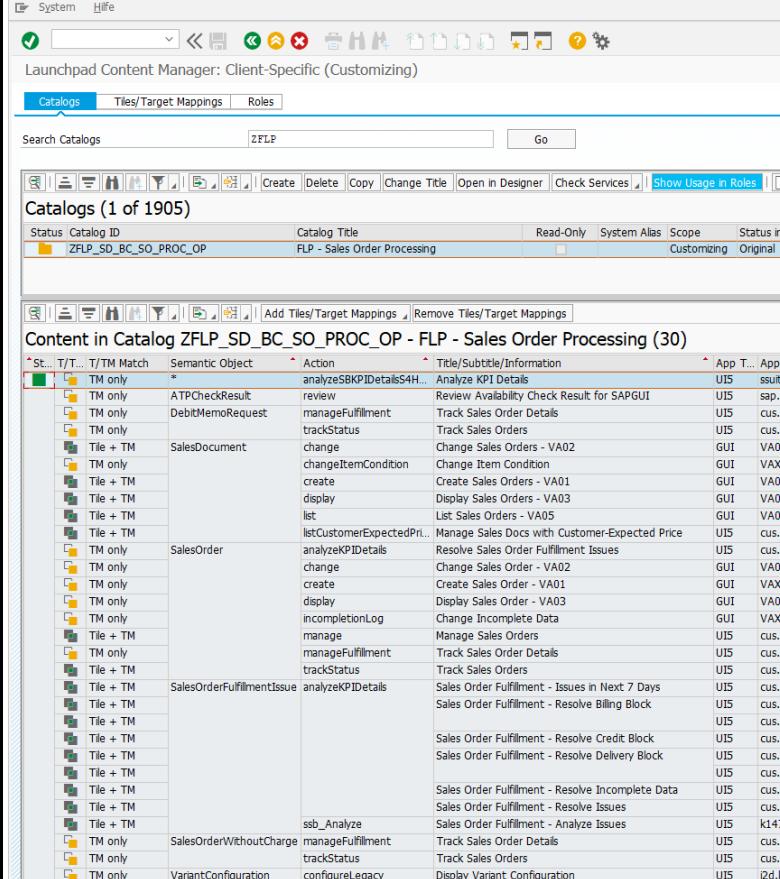
Explanation	Screenshot
<p> In the bottom table the content of the selected catalog is shown.</p> <ul style="list-style-type: none"> <li>• <i>Tile + TM</i> entries represent apps, which can be launched by clicking a tile on the SAP Fiori launchpad home page.</li> <li>• <i>TM only</i> entries are used for app-to-app navigation without a tile on the SAP Fiori launchpad.</li> </ul>	 <p>The screenshot shows the SAP Fiori Launchpad Content Manager interface. At the top, there's a toolbar with various icons. Below it, a search bar and a 'Catalogs' tab are visible. The main area displays two tables. The first table, titled 'Catalogs (10 of 1905)', lists various SAP Fiori tiles and their properties like Catalog Title, Read-Only status, System Alias, Scope, Status, and Service Activity. The second table, titled 'Content in Catalog SAP_SD_BC_SO_PROC_OP - Sales - Sales Order Processing (30)', shows detailed actions for SalesDocuments and SalesOrders, categorized by Semantic Object and Action, along with their App Type, Application Resource, and SAP Fiori ID.</p>

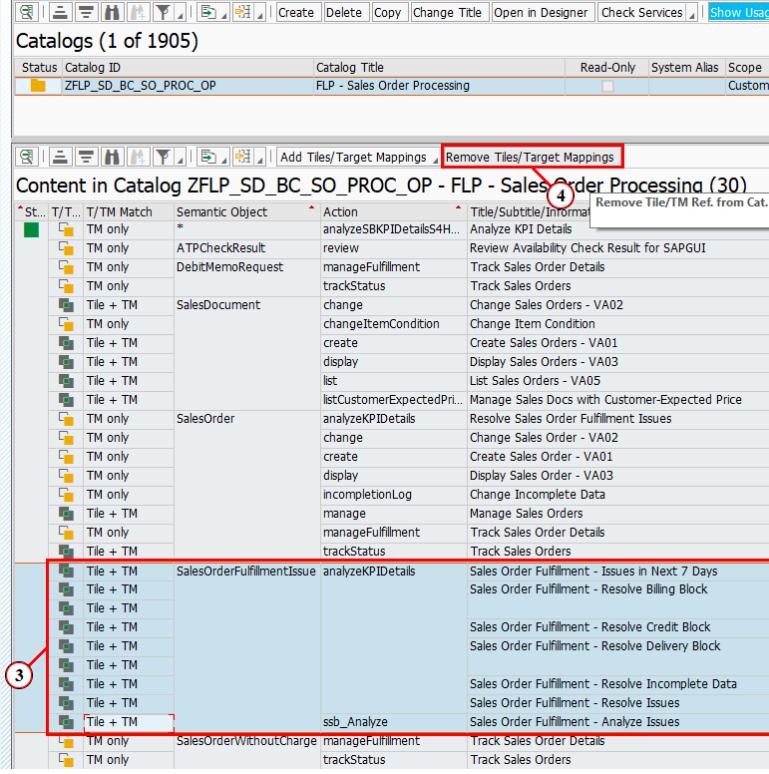
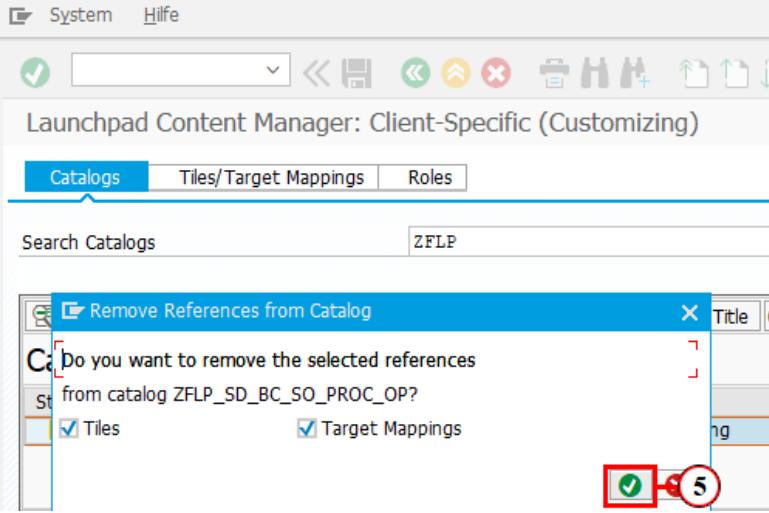
## Create a custom catalog as copy of an SAP catalog

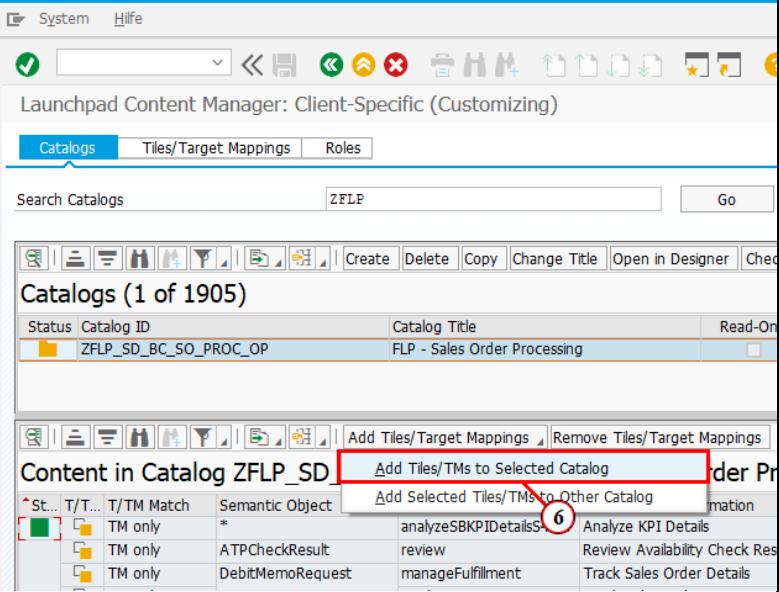
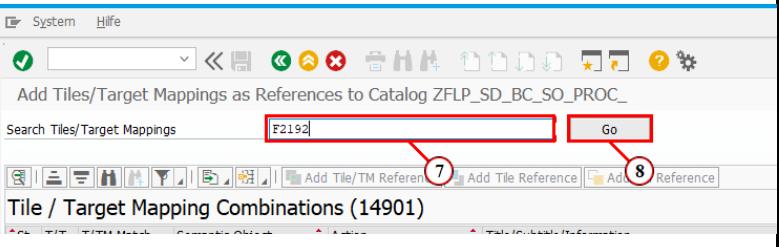
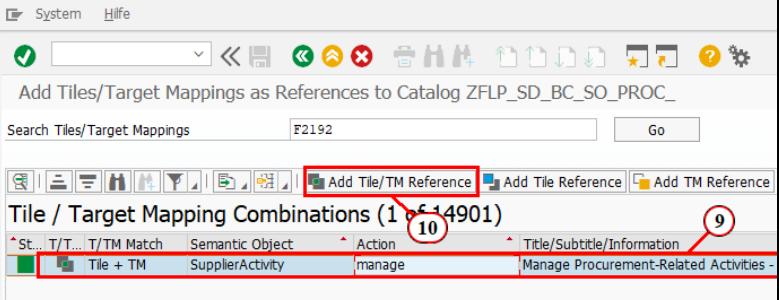
Explanation	Screenshot																																												
<p> In the next steps you will create a custom business catalog as copy of an SAP-delivered catalog and adjust the content.</p> <ol style="list-style-type: none"> <li>1. In the catalog view of SAP Fiori launchpad content manager select catalog <b>SAP_SD_BC_SO_PROC_OP</b>.</li> <li>2. Choose <b>Copy</b>.</li> </ol>	 <p>Catalogs (10 of 1905)</p> <table border="1"> <thead> <tr> <th>Status</th> <th>Catalog ID</th> <th>Catalog Title</th> <th>Read-Only</th> </tr> </thead> <tbody> <tr><td>■</td><td>SAP_PLM_BC_SALES_ORDER_BOM</td><td>Sales Order BOM</td><td>✓</td></tr> <tr><td>■</td><td>SAP_SD_BC_ORDERS_OWC_PROC</td><td>Sales - Sales Orders Without Charge Proces...</td><td>✓</td></tr> <tr><td>■</td><td>SAP_SD_BC_OWC_DISP</td><td>Sales - Sales Order Without Charge Display</td><td>✓</td></tr> <tr><td>■</td><td>SAP_SD_BC_SLS_ORD_MNTRG</td><td>Sales - Sales Order Monitoring</td><td>✓</td></tr> <tr><td>■</td><td>SAP_SD_BC_SLS_ORD_TRACKING</td><td>Sales - Sales Order Monitoring and Tracking</td><td>✓</td></tr> <tr><td>■</td><td>SAP_SD_BC_SOFM_ANALYZE</td><td>Sales - Sales Order Fulfillment Analyze Issues</td><td>✓</td></tr> <tr><td>■</td><td>SAP_SD_BC_SO_DISP</td><td>Sales - Sales Order Display</td><td>✓</td></tr> <tr><td>■</td><td><b>SAP_SD_BC_SO_PROC_OP</b></td><td><b>Sales - Sales Order Processing</b></td><td>✓</td></tr> <tr><td>■</td><td>SAP_SFIN_BC_SA_PER_SAO</td><td>Sales Accounting - Revenue Recognition for...</td><td>✓</td></tr> <tr><td>■</td><td>SAP_SFIN_BC_SA REP</td><td>Sales Accounting - Sales Order Reporting</td><td>✓</td></tr> </tbody> </table>	Status	Catalog ID	Catalog Title	Read-Only	■	SAP_PLM_BC_SALES_ORDER_BOM	Sales Order BOM	✓	■	SAP_SD_BC_ORDERS_OWC_PROC	Sales - Sales Orders Without Charge Proces...	✓	■	SAP_SD_BC_OWC_DISP	Sales - Sales Order Without Charge Display	✓	■	SAP_SD_BC_SLS_ORD_MNTRG	Sales - Sales Order Monitoring	✓	■	SAP_SD_BC_SLS_ORD_TRACKING	Sales - Sales Order Monitoring and Tracking	✓	■	SAP_SD_BC_SOFM_ANALYZE	Sales - Sales Order Fulfillment Analyze Issues	✓	■	SAP_SD_BC_SO_DISP	Sales - Sales Order Display	✓	■	<b>SAP_SD_BC_SO_PROC_OP</b>	<b>Sales - Sales Order Processing</b>	✓	■	SAP_SFIN_BC_SA_PER_SAO	Sales Accounting - Revenue Recognition for...	✓	■	SAP_SFIN_BC_SA REP	Sales Accounting - Sales Order Reporting	✓
Status	Catalog ID	Catalog Title	Read-Only																																										
■	SAP_PLM_BC_SALES_ORDER_BOM	Sales Order BOM	✓																																										
■	SAP_SD_BC_ORDERS_OWC_PROC	Sales - Sales Orders Without Charge Proces...	✓																																										
■	SAP_SD_BC_OWC_DISP	Sales - Sales Order Without Charge Display	✓																																										
■	SAP_SD_BC_SLS_ORD_MNTRG	Sales - Sales Order Monitoring	✓																																										
■	SAP_SD_BC_SLS_ORD_TRACKING	Sales - Sales Order Monitoring and Tracking	✓																																										
■	SAP_SD_BC_SOFM_ANALYZE	Sales - Sales Order Fulfillment Analyze Issues	✓																																										
■	SAP_SD_BC_SO_DISP	Sales - Sales Order Display	✓																																										
■	<b>SAP_SD_BC_SO_PROC_OP</b>	<b>Sales - Sales Order Processing</b>	✓																																										
■	SAP_SFIN_BC_SA_PER_SAO	Sales Accounting - Revenue Recognition for...	✓																																										
■	SAP_SFIN_BC_SA REP	Sales Accounting - Sales Order Reporting	✓																																										
<ol style="list-style-type: none"> <li>3. Enter the following details:           <ul style="list-style-type: none"> <li>• New ID: <b>ZFLP_SD_BC_SO_PROC_OP</b></li> <li>• New Title: <b>FLP - Sales Order Processing</b></li> </ul> </li> <li>4. Click .</li> </ol>																																													

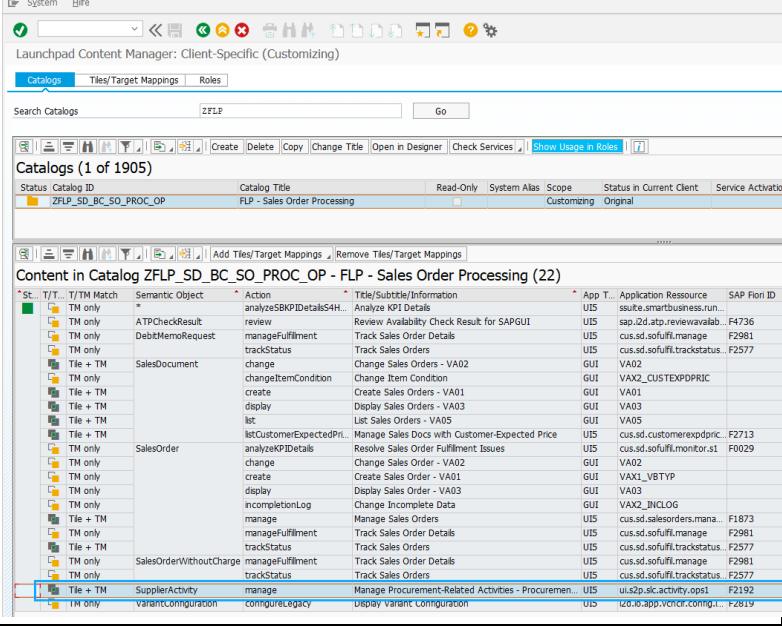
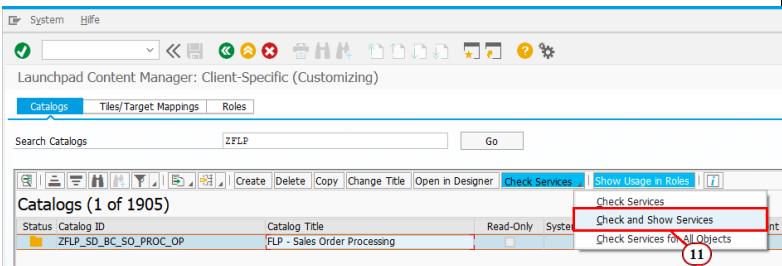
Explanation	Screenshot
<p>5. Choose an available customizing request and click to confirm the selection.</p> <p> If there is no customizing request available or you want to use another one, you also could create a new customizing request here.</p>	
<p> The new catalog ZFLP_SD_BC_SO_PROC_OP is now available. Be aware of the following properties:</p> <ul style="list-style-type: none"> <li>• <b>Read-Only</b> is false: the custom catalog can be edited</li> <li>• <b>Scope</b>: Customizing - as the catalog has been created client-specific</li> <li>• <b>Status</b>: Original - as the catalog has been created in current client.</li> </ul> <p>The content of this catalog is identical to the original SAP catalog SAP_SD_BC_SO_PROC_OP.</p> <p>In the next step you will do some changes on the custom catalog content.</p>	

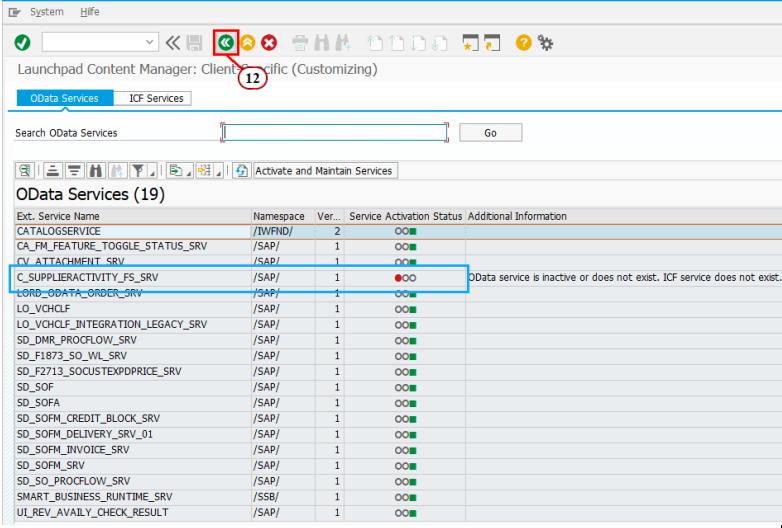
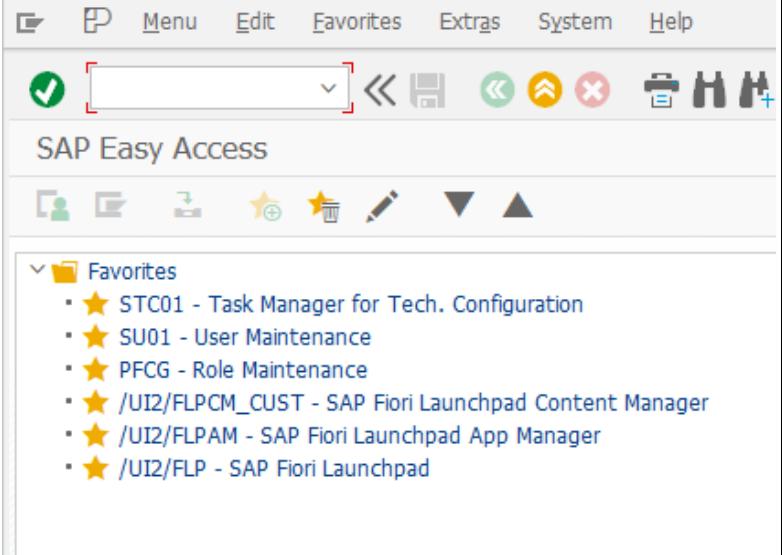
## Change the custom catalog content

Explanation	Screenshot																																																																																																																																																	
<p></p> <p>In the next steps you will change the custom catalog by removing and adding content.</p> <ol style="list-style-type: none"> <li>1. To show only the new custom catalog, enter <b>ZFLP</b> into the search field.</li> <li>2. Choose Go.</li> </ol>																																																																																																																																																		
<p></p> <p>So far, the custom catalog <b>ZFLP_SD_BC_SO_PROC_OP</b> is just a copy of the original SAP business catalog. In the next steps you will adjust the custom catalog.</p>	 <table border="1" data-bbox="594 1100 1358 1669"> <caption>Content in Catalog ZFLP_SD_BC_SO_PROC_OP - FLP - Sales Order Processing (30)</caption> <thead> <tr> <th>St. / T/T... / T/T/T Match</th> <th>Semantic Object</th> <th>Action</th> <th>Title/Subtitle/Information</th> <th>App T... / Applic.</th> </tr> </thead> <tbody> <tr><td>TM only</td><td>*</td><td>analyzeSBKPIDetailsS4H...</td><td>Analyze KPI Details</td><td>UI5 ssuite</td></tr> <tr><td>TM only</td><td>ATPCheckResult</td><td>review</td><td>Review Availability Check Result for SAPGUI</td><td>UI5 sap.i2</td></tr> <tr><td>TM only</td><td>DebitMemoRequest</td><td>manageFulfillment</td><td>Track Sales Order Details</td><td>UI5 cus.50</td></tr> <tr><td>TM only</td><td>trackStatus</td><td>trackStatus</td><td>Track Sales Orders</td><td>UI5 cus.50</td></tr> <tr><td>Tile + TM</td><td>SalesDocument</td><td>change</td><td>Change Sales Orders - VA02</td><td>GUI VA02</td></tr> <tr><td>TM only</td><td></td><td>changeItemCondition</td><td>Change Item Condition</td><td>GUI VAX2</td></tr> <tr><td>Tile + TM</td><td></td><td>create</td><td>Create Sales Orders - VA01</td><td>GUI VA01</td></tr> <tr><td>Tile + TM</td><td></td><td>display</td><td>Display Sales Orders - VA03</td><td>GUI VA03</td></tr> <tr><td>Tile + TM</td><td></td><td>list</td><td>List Sales Orders - VA05</td><td>GUI VA05</td></tr> <tr><td>Tile + TM</td><td></td><td>listCustomerExpectedPri...</td><td>Manage Sales Docs with Customer-Expected Price</td><td>UI5 cus.50</td></tr> <tr><td>TM only</td><td>SalesOrder</td><td>analyzeKPIDetails</td><td>Resolve Sales Order Fulfilment Issues</td><td>UI5 cus.50</td></tr> <tr><td>TM only</td><td></td><td>change</td><td>Change Sales Order - VA02</td><td>GUI VA02</td></tr> <tr><td>TM only</td><td></td><td>create</td><td>Create Sales Order - VA01</td><td>GUI VAX1</td></tr> <tr><td>TM only</td><td></td><td>display</td><td>Display Sales Order - VA03</td><td>GUI VA03</td></tr> <tr><td>TM only</td><td></td><td>incompletionLog</td><td>Change Incomplete Data</td><td>GUI VAX2</td></tr> <tr><td>Tile + TM</td><td></td><td>manage</td><td>Manage Sales Orders</td><td>UI5 cus.50</td></tr> <tr><td>TM only</td><td></td><td>manageFulfillment</td><td>Track Sales Order Details</td><td>UI5 cus.50</td></tr> <tr><td>Tile + TM</td><td></td><td>trackStatus</td><td>Track Sales Orders</td><td>UI5 cus.50</td></tr> <tr><td>Tile + TM</td><td>SalesOrderFulfillmentIssue</td><td>analyzeKPIDetails</td><td>Sales Order Fulfillment - Issues in Next 7 Days</td><td>UI5 cus.50</td></tr> <tr><td>Tile + TM</td><td></td><td></td><td>Sales Order Fulfillment - Resolve Billing Block</td><td>UI5 cus.50</td></tr> <tr><td>Tile + TM</td><td></td><td></td><td>Sales Order Fulfillment - Resolve Credit Block</td><td>UI5 cus.50</td></tr> <tr><td>Tile + TM</td><td></td><td></td><td>Sales Order Fulfillment - Resolve Delivery Block</td><td>UI5 cus.50</td></tr> <tr><td>Tile + TM</td><td></td><td></td><td>Sales Order Fulfillment - Resolve Incomplete Data</td><td>UI5 cus.50</td></tr> <tr><td>Tile + TM</td><td></td><td></td><td>Sales Order Fulfillment - Resolve Issues</td><td>UI5 cus.50</td></tr> <tr><td>TM only</td><td>SalesOrderWithoutCharge</td><td>ssb_Analyze</td><td>Sales Order Fulfillment - Analyze Issues</td><td>UI5 k1478</td></tr> <tr><td>TM only</td><td></td><td>manageFulfillment</td><td>Track Sales Order Details</td><td>UI5 cus.50</td></tr> <tr><td>TM only</td><td></td><td>trackStatus</td><td>Track Sales Orders</td><td>UI5 cus.50</td></tr> <tr><td>TM only</td><td>VariantConfiguration</td><td>configureLegacy</td><td>Display Variant Configuration</td><td>UI5 i2do</td></tr> </tbody> </table>	St. / T/T... / T/T/T Match	Semantic Object	Action	Title/Subtitle/Information	App T... / Applic.	TM only	*	analyzeSBKPIDetailsS4H...	Analyze KPI Details	UI5 ssuite	TM only	ATPCheckResult	review	Review Availability Check Result for SAPGUI	UI5 sap.i2	TM only	DebitMemoRequest	manageFulfillment	Track Sales Order Details	UI5 cus.50	TM only	trackStatus	trackStatus	Track Sales Orders	UI5 cus.50	Tile + TM	SalesDocument	change	Change Sales Orders - VA02	GUI VA02	TM only		changeItemCondition	Change Item Condition	GUI VAX2	Tile + TM		create	Create Sales Orders - VA01	GUI VA01	Tile + TM		display	Display Sales Orders - VA03	GUI VA03	Tile + TM		list	List Sales Orders - VA05	GUI VA05	Tile + TM		listCustomerExpectedPri...	Manage Sales Docs with Customer-Expected Price	UI5 cus.50	TM only	SalesOrder	analyzeKPIDetails	Resolve Sales Order Fulfilment Issues	UI5 cus.50	TM only		change	Change Sales Order - VA02	GUI VA02	TM only		create	Create Sales Order - VA01	GUI VAX1	TM only		display	Display Sales Order - VA03	GUI VA03	TM only		incompletionLog	Change Incomplete Data	GUI VAX2	Tile + TM		manage	Manage Sales Orders	UI5 cus.50	TM only		manageFulfillment	Track Sales Order Details	UI5 cus.50	Tile + TM		trackStatus	Track Sales Orders	UI5 cus.50	Tile + TM	SalesOrderFulfillmentIssue	analyzeKPIDetails	Sales Order Fulfillment - Issues in Next 7 Days	UI5 cus.50	Tile + TM			Sales Order Fulfillment - Resolve Billing Block	UI5 cus.50	Tile + TM			Sales Order Fulfillment - Resolve Credit Block	UI5 cus.50	Tile + TM			Sales Order Fulfillment - Resolve Delivery Block	UI5 cus.50	Tile + TM			Sales Order Fulfillment - Resolve Incomplete Data	UI5 cus.50	Tile + TM			Sales Order Fulfillment - Resolve Issues	UI5 cus.50	TM only	SalesOrderWithoutCharge	ssb_Analyze	Sales Order Fulfillment - Analyze Issues	UI5 k1478	TM only		manageFulfillment	Track Sales Order Details	UI5 cus.50	TM only		trackStatus	Track Sales Orders	UI5 cus.50	TM only	VariantConfiguration	configureLegacy	Display Variant Configuration	UI5 i2do
St. / T/T... / T/T/T Match	Semantic Object	Action	Title/Subtitle/Information	App T... / Applic.																																																																																																																																														
TM only	*	analyzeSBKPIDetailsS4H...	Analyze KPI Details	UI5 ssuite																																																																																																																																														
TM only	ATPCheckResult	review	Review Availability Check Result for SAPGUI	UI5 sap.i2																																																																																																																																														
TM only	DebitMemoRequest	manageFulfillment	Track Sales Order Details	UI5 cus.50																																																																																																																																														
TM only	trackStatus	trackStatus	Track Sales Orders	UI5 cus.50																																																																																																																																														
Tile + TM	SalesDocument	change	Change Sales Orders - VA02	GUI VA02																																																																																																																																														
TM only		changeItemCondition	Change Item Condition	GUI VAX2																																																																																																																																														
Tile + TM		create	Create Sales Orders - VA01	GUI VA01																																																																																																																																														
Tile + TM		display	Display Sales Orders - VA03	GUI VA03																																																																																																																																														
Tile + TM		list	List Sales Orders - VA05	GUI VA05																																																																																																																																														
Tile + TM		listCustomerExpectedPri...	Manage Sales Docs with Customer-Expected Price	UI5 cus.50																																																																																																																																														
TM only	SalesOrder	analyzeKPIDetails	Resolve Sales Order Fulfilment Issues	UI5 cus.50																																																																																																																																														
TM only		change	Change Sales Order - VA02	GUI VA02																																																																																																																																														
TM only		create	Create Sales Order - VA01	GUI VAX1																																																																																																																																														
TM only		display	Display Sales Order - VA03	GUI VA03																																																																																																																																														
TM only		incompletionLog	Change Incomplete Data	GUI VAX2																																																																																																																																														
Tile + TM		manage	Manage Sales Orders	UI5 cus.50																																																																																																																																														
TM only		manageFulfillment	Track Sales Order Details	UI5 cus.50																																																																																																																																														
Tile + TM		trackStatus	Track Sales Orders	UI5 cus.50																																																																																																																																														
Tile + TM	SalesOrderFulfillmentIssue	analyzeKPIDetails	Sales Order Fulfillment - Issues in Next 7 Days	UI5 cus.50																																																																																																																																														
Tile + TM			Sales Order Fulfillment - Resolve Billing Block	UI5 cus.50																																																																																																																																														
Tile + TM			Sales Order Fulfillment - Resolve Credit Block	UI5 cus.50																																																																																																																																														
Tile + TM			Sales Order Fulfillment - Resolve Delivery Block	UI5 cus.50																																																																																																																																														
Tile + TM			Sales Order Fulfillment - Resolve Incomplete Data	UI5 cus.50																																																																																																																																														
Tile + TM			Sales Order Fulfillment - Resolve Issues	UI5 cus.50																																																																																																																																														
TM only	SalesOrderWithoutCharge	ssb_Analyze	Sales Order Fulfillment - Analyze Issues	UI5 k1478																																																																																																																																														
TM only		manageFulfillment	Track Sales Order Details	UI5 cus.50																																																																																																																																														
TM only		trackStatus	Track Sales Orders	UI5 cus.50																																																																																																																																														
TM only	VariantConfiguration	configureLegacy	Display Variant Configuration	UI5 i2do																																																																																																																																														

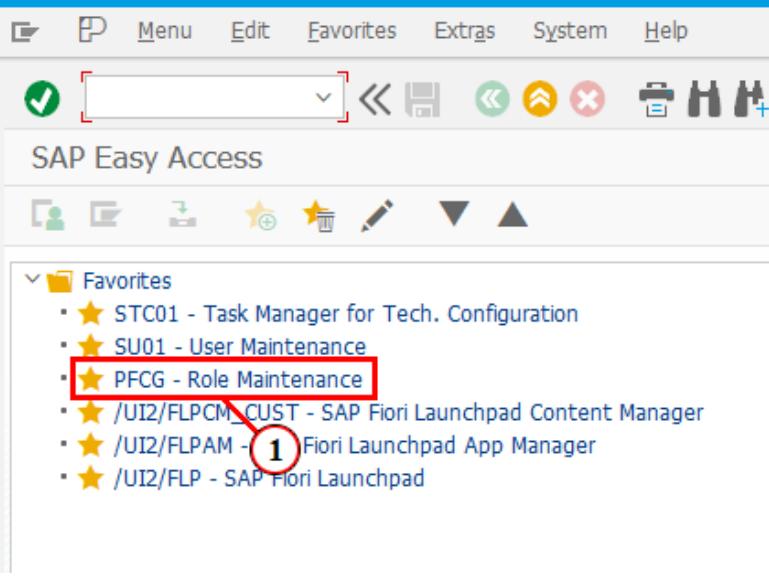
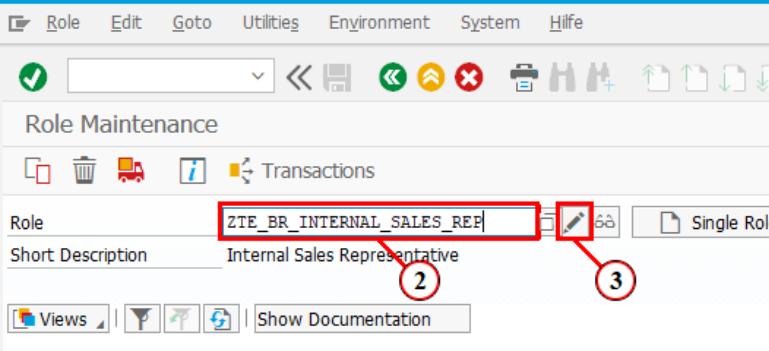
Explanation	Screenshot
<p>3. Select all <b>Tile+TM</b> entries for semantic object <b>SalesOrderFulfillmentIssue</b>.</p> <p>4. Choose Remove Tiles/Target Mappings.</p>	 <p>The screenshot shows the SAP Fiori Launchpad Content Manager interface. In the top navigation bar, the catalog ID 'ZFLP_SD_BC_SO_PROC_OP' and title 'FLP - Sales Order Processing' are visible. The toolbar includes standard actions like Create, Delete, Copy, Change Title, Open in Designer, Check Services, and Show Usage. A red box highlights the 'Remove Tiles/Target Mappings' button. Below the toolbar, a table lists content items in the catalog. A red box highlights the 'Tiles' checkbox in a modal dialog titled 'Remove References from Catalog'. The dialog asks if you want to remove selected references from the catalog. The 'Tiles' checkbox is checked, and the 'Target Mappings' checkbox is also present. The number '4' is circled around the 'Remove Tiles/Target Mappings' button in the toolbar, and the number '3' is circled around the 'Tiles' checkbox in the dialog.</p>
<p>5. Click  to confirm the deletion.</p>	 <p>The screenshot shows the 'Tiles/Target Mappings' screen for catalog 'ZFLP'. The 'Catalogs' tab is selected. A search bar shows 'ZFLP'. A confirmation dialog box is overlaid on the screen, asking 'Do you want to remove the selected references from catalog ZFLP_SD_BC_SO_PROC_OP?'. It has two checkboxes: 'Tiles' (checked) and 'Target Mappings'. A red box highlights the checkmark icon in the bottom right corner of the dialog, which is labeled with the number '5'.</p>

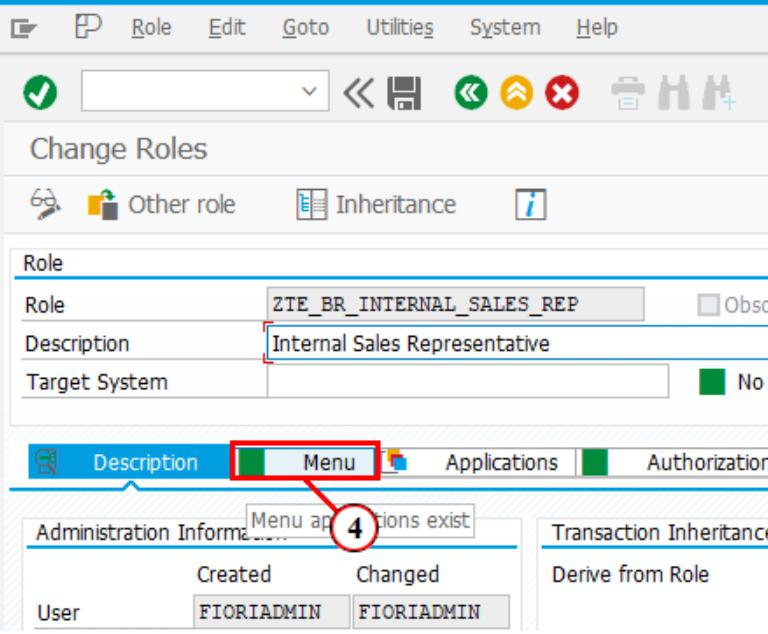
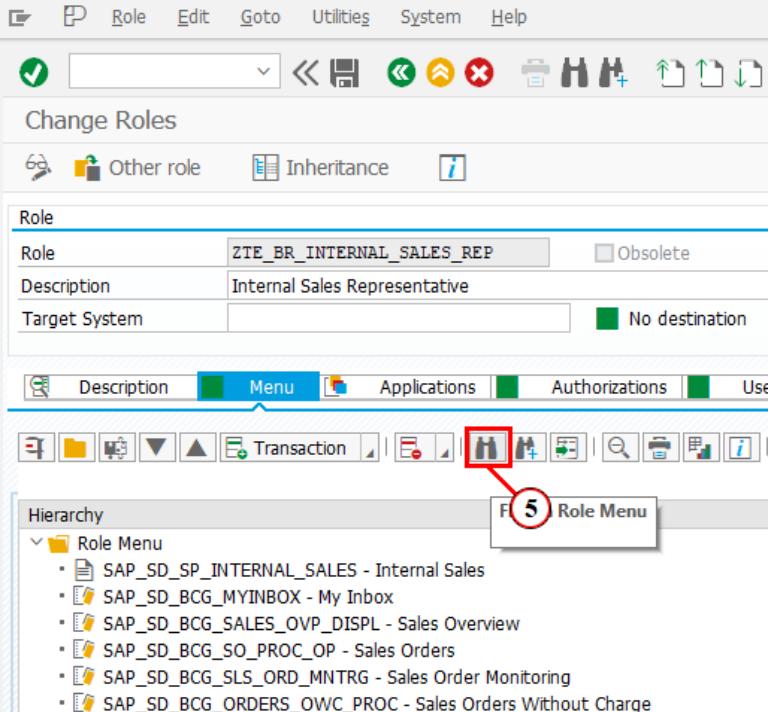
Explanation	Screenshot
<p> Now you will add an additional SAP Fiori app to your custom catalog.</p> <p>6. Choose <i>Add Tiles/TMs to Selected Catalog</i> from the dropdown list box.</p>	
<p>7. Enter <b>F2192</b> into the search field.</p> <p> Alternatively, you could search for the app name "Manage Procurement".</p> <p>8. Choose Go.</p>	
<p>9. Select <b>Tile+TM</b> for F2192 (Manage Procurement Activities).</p> <p>10. Choose <i>Add Tile/TM Reference</i> to add the selected Tile/TM to the catalog.</p>	

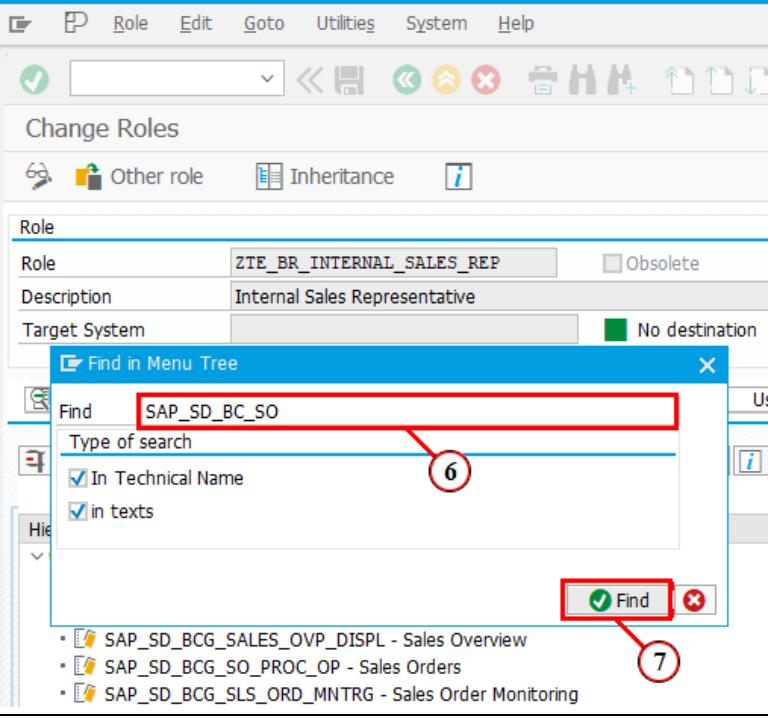
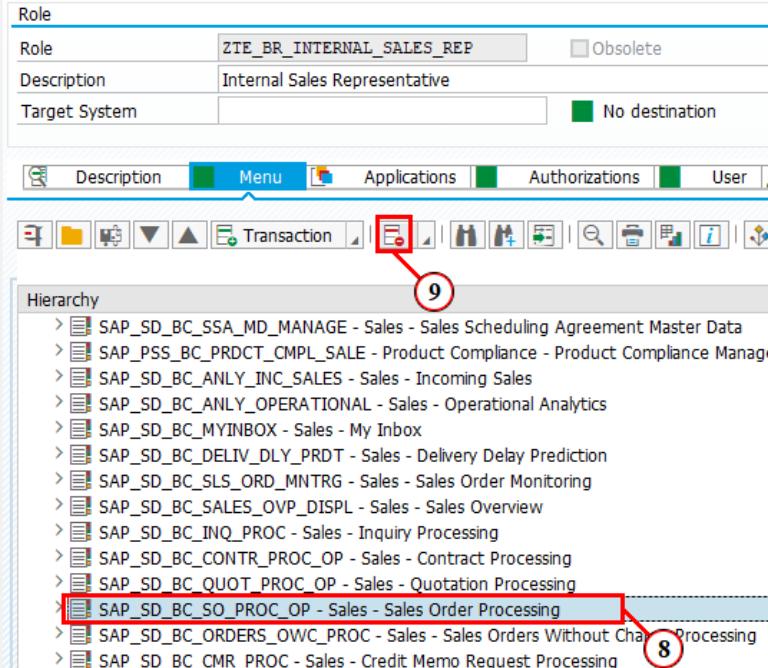
Explanation	Screenshot																																																																																																																			
<p> Verify the changes you've just performed on the custom catalog:</p> <ul style="list-style-type: none"> <li>• A new Tile+TM for the app <i>Manage Procurement Activities (F2192)</i> has been added to the custom catalog.</li> <li>• Tiles and TM for Sales Order Fulfillment Issues has been removed from the catalog content.</li> </ul>	 <table border="1" data-bbox="584 587 1366 959"> <thead> <tr> <th>Action</th> <th>Title/Subtitle/Information</th> <th>App T.</th> <th>Application Resource</th> <th>SAP Fiori ID</th> </tr> </thead> <tbody> <tr> <td>analyzeSBKPIDetailsS...</td> <td>Analyze KPI Details</td> <td>UIS</td> <td>ssuite.smartbusiness.run...</td> <td></td> </tr> <tr> <td>review</td> <td>Review Availability Check Result for SAPGUI</td> <td>UIS</td> <td>sap.i2d.atp.reviewavalab...</td> <td>F4736</td> </tr> <tr> <td>DebtMemoRequest</td> <td>manageFullfilment</td> <td>UIS</td> <td>cus.sd.sofull.manage</td> <td>F2981</td> </tr> <tr> <td>TM only</td> <td>trackStatus</td> <td>UIS</td> <td>cus.sd.sofull.trackstatus...</td> <td>F2577</td> </tr> <tr> <td>TM only</td> <td>change</td> <td>GUI</td> <td>VA02</td> <td></td> </tr> <tr> <td>TM only</td> <td>changeItemCondition</td> <td>GUI</td> <td>VA02_CUSTEXPDPRIC</td> <td></td> </tr> <tr> <td>TM only</td> <td>create</td> <td>GUI</td> <td>VA01</td> <td></td> </tr> <tr> <td>TM only</td> <td>display</td> <td>GUI</td> <td>VA03</td> <td></td> </tr> <tr> <td>TM only</td> <td>list</td> <td>GUI</td> <td>VA05</td> <td></td> </tr> <tr> <td>TM only</td> <td>listCustomerExpectedPr...</td> <td>UIS</td> <td>cus.sd.customerexpdpri...</td> <td>F2713</td> </tr> <tr> <td>TM only</td> <td>analyzeKPIDetails</td> <td>UIS</td> <td>cus.sd.sofull.monitor.si...</td> <td>F0029</td> </tr> <tr> <td>TM only</td> <td>change</td> <td>GUI</td> <td>VA02</td> <td></td> </tr> <tr> <td>TM only</td> <td>create</td> <td>GUI</td> <td>VAX1_VBTYP</td> <td></td> </tr> <tr> <td>TM only</td> <td>display</td> <td>GUI</td> <td>VA03</td> <td></td> </tr> <tr> <td>TM only</td> <td>incompletionLog</td> <td>GUI</td> <td>VAX2_INCLOG</td> <td></td> </tr> <tr> <td>TM only</td> <td>manage</td> <td>UIS</td> <td>cus.sd.salesorders.mana...</td> <td>F1873</td> </tr> <tr> <td>TM only</td> <td>manageFullfilment</td> <td>UIS</td> <td>cus.sd.sofull.manage</td> <td>F2981</td> </tr> <tr> <td>TM only</td> <td>trackStatus</td> <td>UIS</td> <td>cus.sd.sofull.trackstatus...</td> <td>F2577</td> </tr> <tr> <td>TM only</td> <td>manageFullfilment</td> <td>UIS</td> <td>cus.sd.sofull.manage</td> <td>F2981</td> </tr> <tr> <td>TM only</td> <td>trackStatus</td> <td>UIS</td> <td>cus.sd.sofull.trackstatus...</td> <td>F2577</td> </tr> <tr> <td>SupplierActivity</td> <td>manage</td> <td>UIS</td> <td>ui.s2p.sic.activity.ops1</td> <td>F2192</td> </tr> <tr> <td>VariantConfiguration</td> <td>configureLegacy</td> <td>UIS</td> <td>iz0.i0.app.vcnr.config...</td> <td>F2819</td> </tr> </tbody> </table>	Action	Title/Subtitle/Information	App T.	Application Resource	SAP Fiori ID	analyzeSBKPIDetailsS...	Analyze KPI Details	UIS	ssuite.smartbusiness.run...		review	Review Availability Check Result for SAPGUI	UIS	sap.i2d.atp.reviewavalab...	F4736	DebtMemoRequest	manageFullfilment	UIS	cus.sd.sofull.manage	F2981	TM only	trackStatus	UIS	cus.sd.sofull.trackstatus...	F2577	TM only	change	GUI	VA02		TM only	changeItemCondition	GUI	VA02_CUSTEXPDPRIC		TM only	create	GUI	VA01		TM only	display	GUI	VA03		TM only	list	GUI	VA05		TM only	listCustomerExpectedPr...	UIS	cus.sd.customerexpdpri...	F2713	TM only	analyzeKPIDetails	UIS	cus.sd.sofull.monitor.si...	F0029	TM only	change	GUI	VA02		TM only	create	GUI	VAX1_VBTYP		TM only	display	GUI	VA03		TM only	incompletionLog	GUI	VAX2_INCLOG		TM only	manage	UIS	cus.sd.salesorders.mana...	F1873	TM only	manageFullfilment	UIS	cus.sd.sofull.manage	F2981	TM only	trackStatus	UIS	cus.sd.sofull.trackstatus...	F2577	TM only	manageFullfilment	UIS	cus.sd.sofull.manage	F2981	TM only	trackStatus	UIS	cus.sd.sofull.trackstatus...	F2577	SupplierActivity	manage	UIS	ui.s2p.sic.activity.ops1	F2192	VariantConfiguration	configureLegacy	UIS	iz0.i0.app.vcnr.config...	F2819
Action	Title/Subtitle/Information	App T.	Application Resource	SAP Fiori ID																																																																																																																
analyzeSBKPIDetailsS...	Analyze KPI Details	UIS	ssuite.smartbusiness.run...																																																																																																																	
review	Review Availability Check Result for SAPGUI	UIS	sap.i2d.atp.reviewavalab...	F4736																																																																																																																
DebtMemoRequest	manageFullfilment	UIS	cus.sd.sofull.manage	F2981																																																																																																																
TM only	trackStatus	UIS	cus.sd.sofull.trackstatus...	F2577																																																																																																																
TM only	change	GUI	VA02																																																																																																																	
TM only	changeItemCondition	GUI	VA02_CUSTEXPDPRIC																																																																																																																	
TM only	create	GUI	VA01																																																																																																																	
TM only	display	GUI	VA03																																																																																																																	
TM only	list	GUI	VA05																																																																																																																	
TM only	listCustomerExpectedPr...	UIS	cus.sd.customerexpdpri...	F2713																																																																																																																
TM only	analyzeKPIDetails	UIS	cus.sd.sofull.monitor.si...	F0029																																																																																																																
TM only	change	GUI	VA02																																																																																																																	
TM only	create	GUI	VAX1_VBTYP																																																																																																																	
TM only	display	GUI	VA03																																																																																																																	
TM only	incompletionLog	GUI	VAX2_INCLOG																																																																																																																	
TM only	manage	UIS	cus.sd.salesorders.mana...	F1873																																																																																																																
TM only	manageFullfilment	UIS	cus.sd.sofull.manage	F2981																																																																																																																
TM only	trackStatus	UIS	cus.sd.sofull.trackstatus...	F2577																																																																																																																
TM only	manageFullfilment	UIS	cus.sd.sofull.manage	F2981																																																																																																																
TM only	trackStatus	UIS	cus.sd.sofull.trackstatus...	F2577																																																																																																																
SupplierActivity	manage	UIS	ui.s2p.sic.activity.ops1	F2192																																																																																																																
VariantConfiguration	configureLegacy	UIS	iz0.i0.app.vcnr.config...	F2819																																																																																																																
<p> To run the apps, which are included in the custom business catalog, all apps-related OData services and ICF services need to be activated.</p> <p>You now will check the services activation status directly here in the SAP Fiori launchpad content manager.</p> <p>11. In the dropdown list box choose <i>Check and Show Services</i>.</p>																																																																																																																				

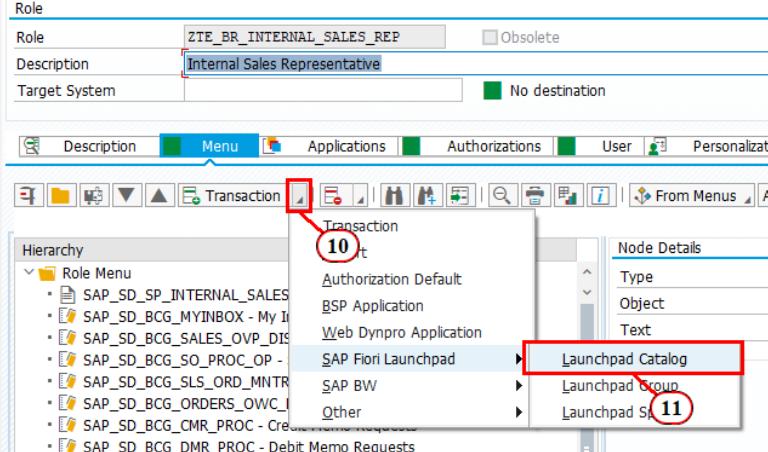
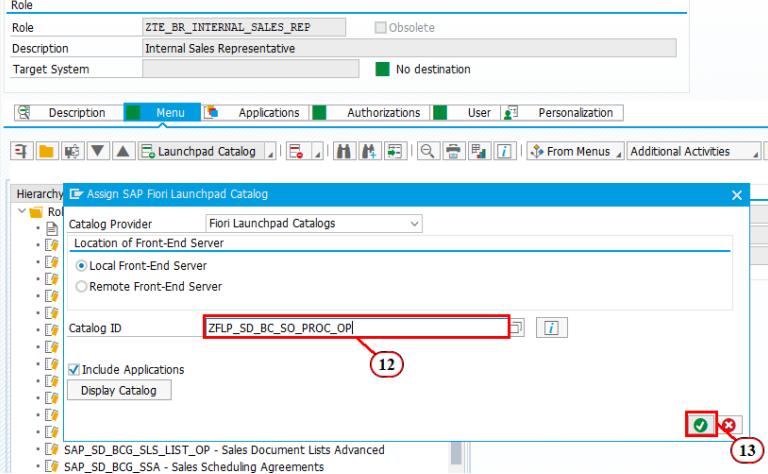
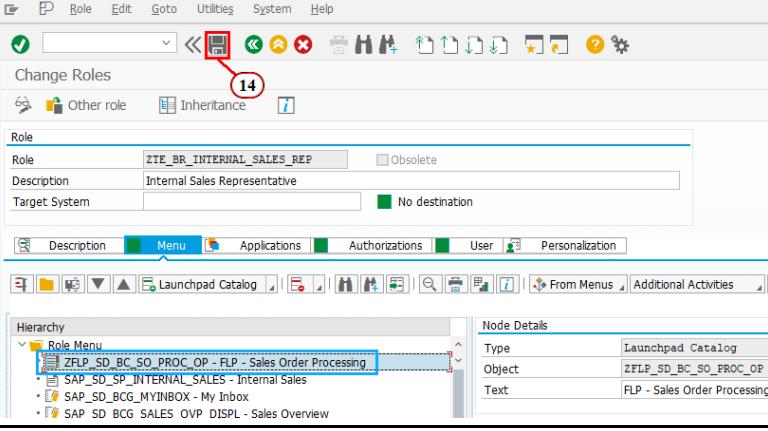
Explanation	Screenshot
<p> The OData service which belongs to the newly added SAP Fiori app F2192 is <b>not</b> active. Using function <i>Activate and Maintain Services</i>, you could directly navigate to the respective transaction to activate this service.</p> <p>But instead, we will use the task list <b>SAP_FIORI_FCM_CONTENT_ACTIVATION</b> to activate the content included in the custom business roles later in this exercise.</p> <p>12. Click  twice to leave SAP Fiori launchpad content manager.</p>	
<p> In the previous steps you have adapted the content of the custom business catalog.</p> <p>In the next exercise you will assign this catalog to the role ZTE_BR_INTERNAL_SALESREP, which was generated as test role in the content activation task list run before.</p>	

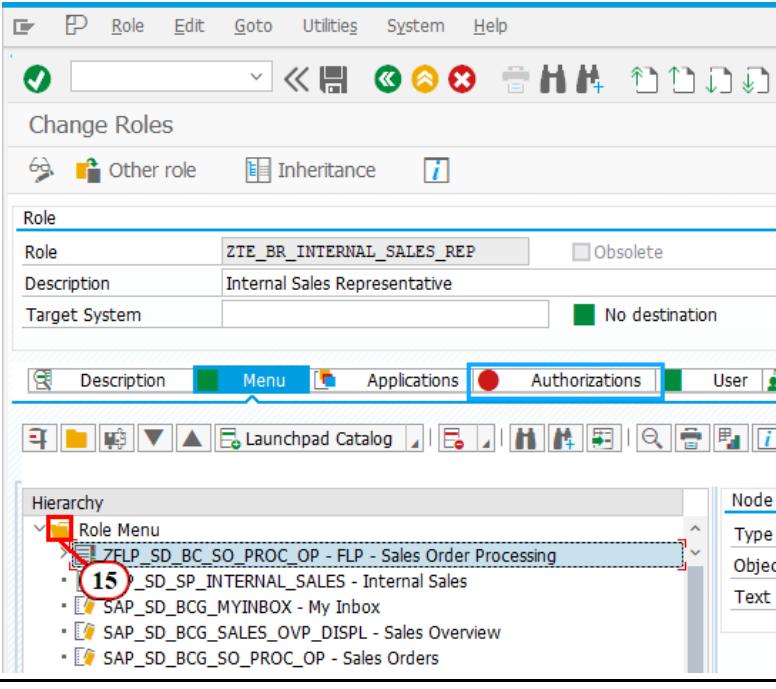
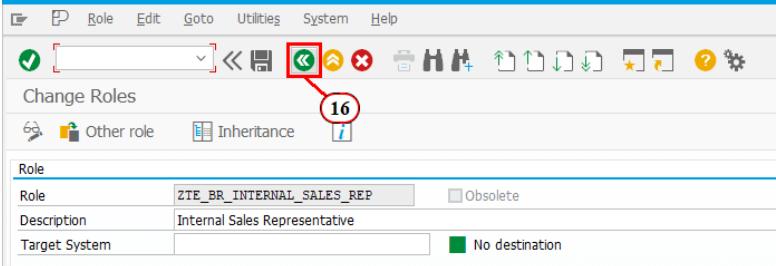
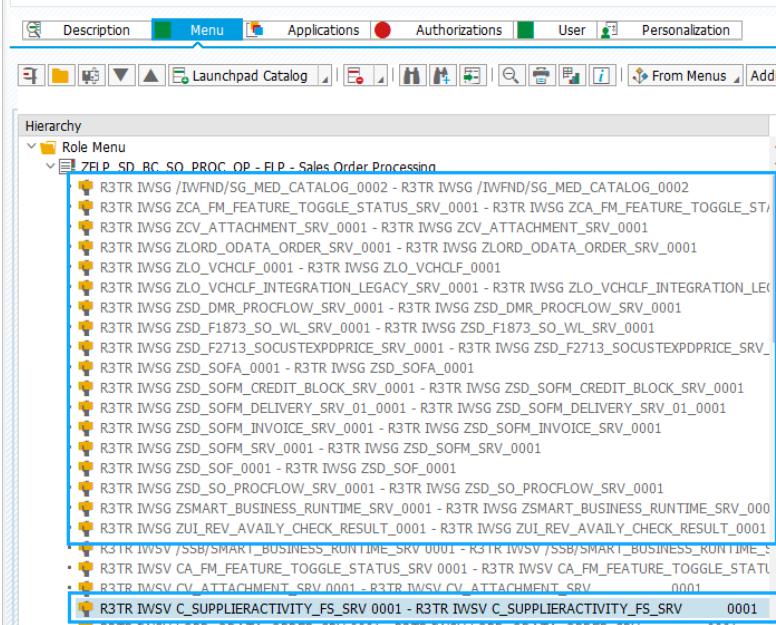
## Add the custom catalog to role

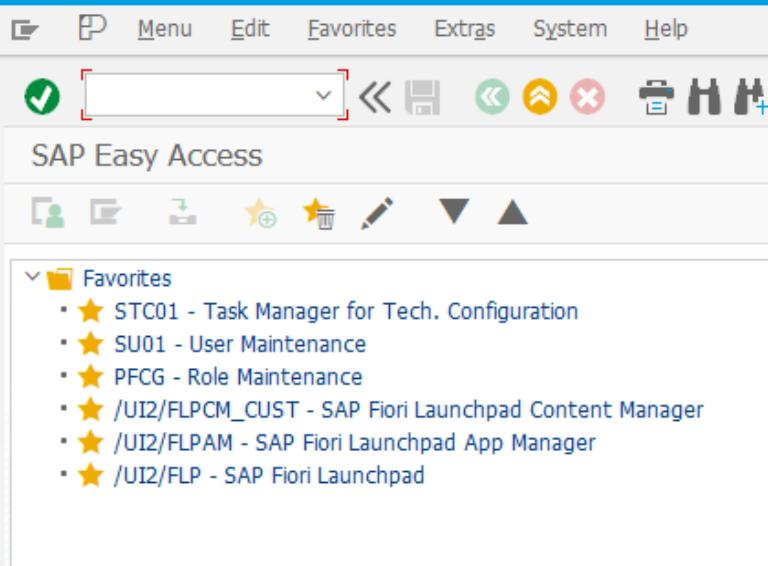
Explanation	Screenshot
<p> In the next steps, you will exchange the SAP business catalog for Sales Order Processing in the test role by your own custom catalog, which you have created in the previous steps.</p> <p>1. Choose <b>PFCG - Role Maintenance</b> with a double-click or call transaction <b>PFCG</b>.</p>	
<p>2. Enter <i>Role</i>: <b>ZTE_BR_INTERNAL_SALES_REF</b>.</p> <p>3. Choose <i>Edit</i>.</p>	

Explanation	Screenshot
<p>4. Choose <b>Menu</b> to show the list of catalogs, groups etc., which are included in the role.</p>	 <p>The screenshot shows the SAP Change Roles interface. In the top navigation bar, the 'Role' button is selected. Below it, the role 'ZTE_BR_INTERNAL_SALES REP' is displayed with the description 'Internal Sales Representative'. A red box highlights the 'Menu' tab in the toolbar below the role details. A circled number '4' points to this tab.</p>
<p><b>Info:</b> First, you will remove the SAP business catalog for Sales Order Processing from the role menu.</p> <p>5. Click  to search for a catalog in the role menu.</p>	 <p>The screenshot shows the SAP Change Roles interface with the 'Menu' tab selected. The 'Hierarchy' section displays a list of menu items under 'Role Menu', including 'SAP_SD_SP_INTERNAL_SALES - Internal Sales', 'SAP_SD_BCG_MYINBOX - My Inbox', 'SAP_SD_BCG_SALES_OVPL_DISPL - Sales Overview', 'SAP_SD_BCG_SO_PROC_OP - Sales Orders', 'SAP_SD_BCG_SLS_ORD_MNTRG - Sales Order Monitoring', and 'SAP_SD_BCG_ORDERS_OWC_PROC - Sales Orders Without Charge'. A magnifying glass icon in the toolbar is highlighted with a red box and a circled number '5'.</p>

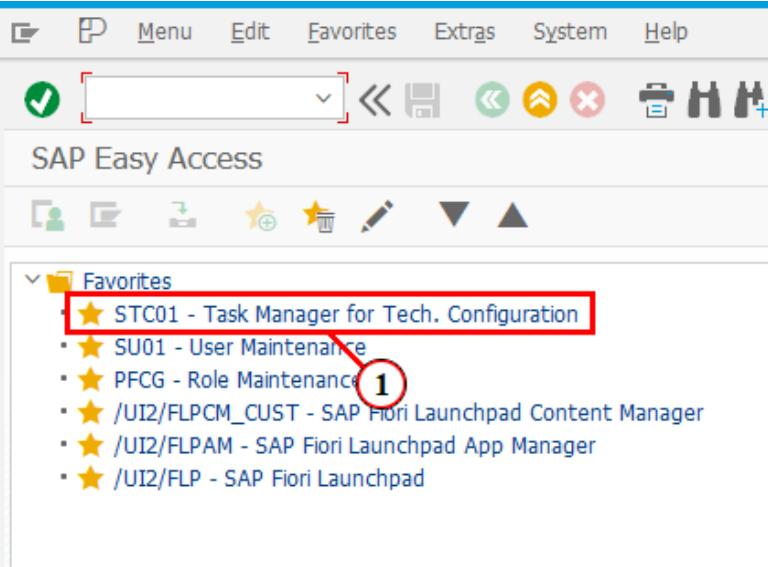
Explanation	Screenshot
<p>6. Enter <b>SAP_SD_BC_SO</b> in the search field.</p> <p>7. Choose <i>Find</i>.</p>	
<p>8. Select catalog <b>SAP_SD_BC_SO_PROC_OP</b>.</p> <p>9. Click  to remove the selected catalog from the role menu.</p>	

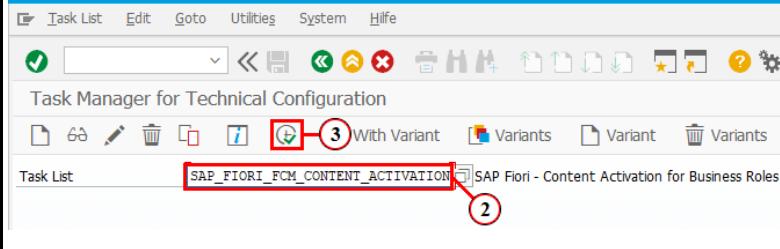
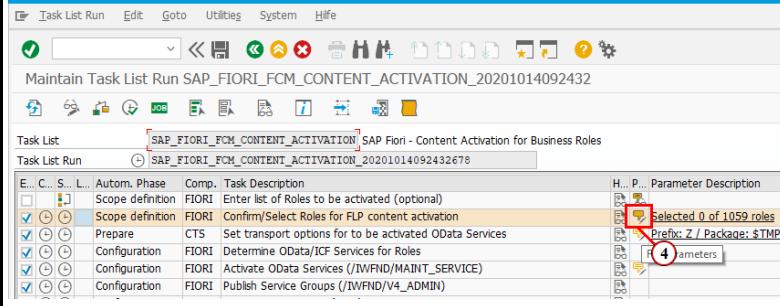
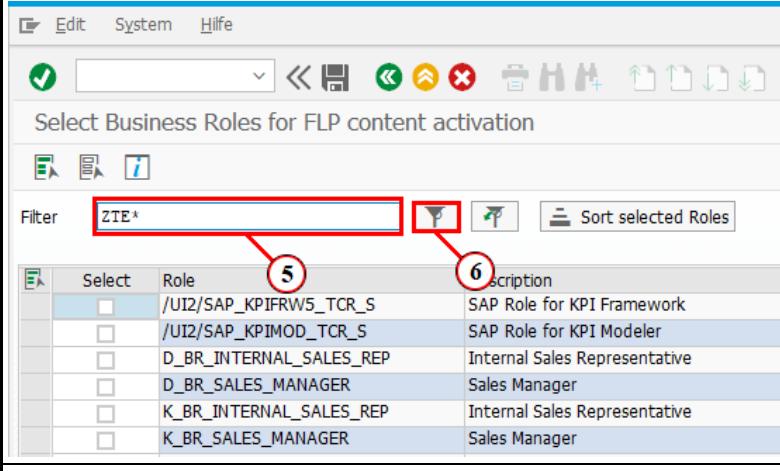
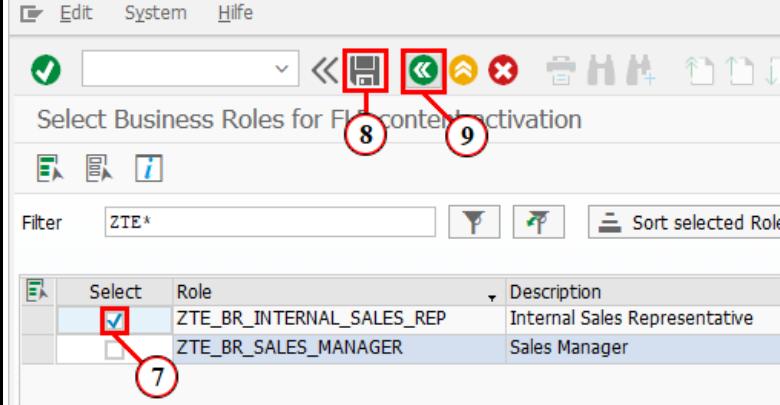
Explanation	Screenshot
<p> Now, you will add your custom business catalog to the role menu.</p> <p>10. Click  to open the <i>Insert Node</i> drop down list.</p> <p>11. Choose <b>SAP Fiori Launchpad - Launchpad Catalog</b>.</p>	
<p>12. Enter <b>Catalog ID:</b> <b>ZFLP_SD_BC_SO_PROC_OP</b>. It's recommended to use the value help to identify the catalog ID.</p> <p>13. Click .</p>	
<p> The custom catalog <b>FLP - Sales Order Processing</b> is now added to the test role Internal Sales Representative.</p> <p>14. Choose Save.</p>	

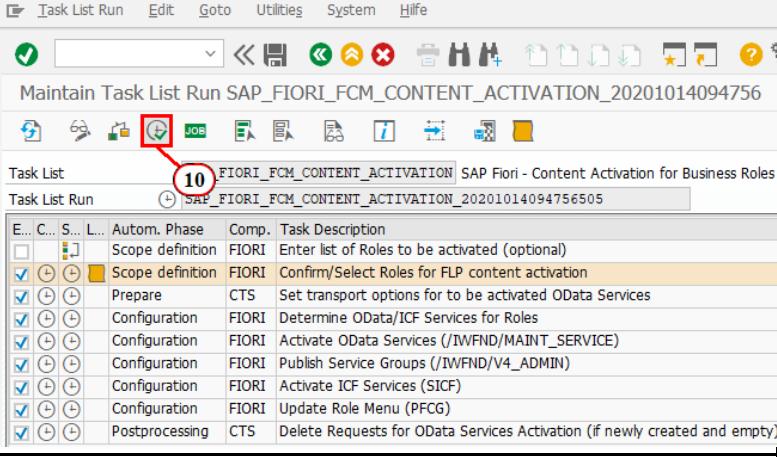
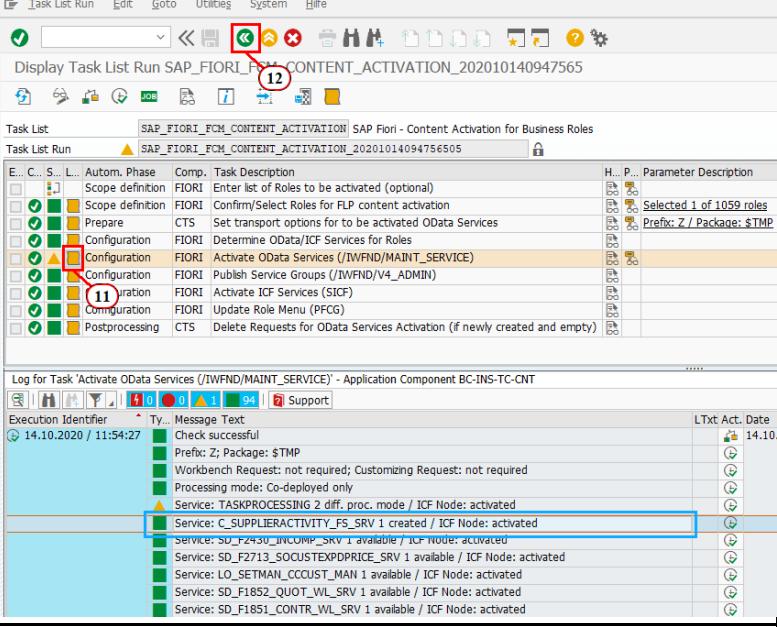
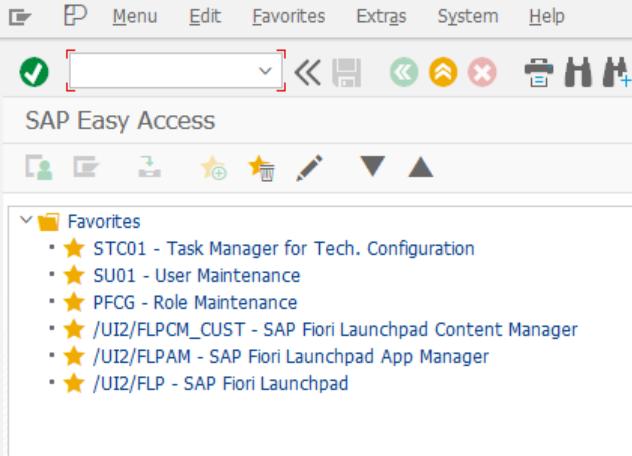
Explanation	Screenshot
<p> The <i>Authorizations</i> tab now has a red traffic light, because the authorization profile is not up to date after adding the custom catalog to the role menu.</p> <p>15. Click  to expand the menu tree for catalog <b>ZFLP_SD_BC_SO_PROC_OP</b>.</p>	 <p>The screenshot shows the SAP PFCG Role Maintenance interface. The 'Role' section is displayed with the role 'ZTE_BR_INTERNAL_SALES_REP'. The 'Hierarchy' section shows the menu tree under 'Role Menu'. A red box highlights the '15' icon next to the catalog entry 'ZFLP_SD_BC_SO_PROC_OP - FLP - Sales Order Processing'. The 'Authorizations' tab is also highlighted with a red circle.</p>
<p> In the catalog menu you can already find an OData service entry for the backend (R3TR IWSV).</p>	 <p>The screenshot shows the SAP PFCG Role Maintenance interface with the 'From Menus' tab selected. The 'Hierarchy' section displays a long list of OData service entries under 'R3TR IWSV /WFND/SG_MED_CATALOG_0002'. A red box highlights the '16' icon at the top of the menu tree.</p>
<p> But in the list of frontend services (R3TR IWSG), the respective OData service is missing. For more information, see SAP Help Portal <a href="#">Roles in the SAP Gateway Landscape</a>.</p> <p>16. Click  twice to leave the PFCG Role Maintenance.</p>	 <p>The screenshot shows the SAP PFCG Role Maintenance interface with the 'From Menus' tab selected. The 'Hierarchy' section displays a long list of OData service entries under 'R3TR IWSV /WFND/SG_MED_CATALOG_0002'. A red box highlights the '16' icon at the top of the menu tree.</p>

Explanation	Screenshot
<p> In the next steps you will activate the missing OData service and add it to the role menu using the task list SAP_FIORI_FCM_CONTENT_ACTIVATION.</p>	 <p>The screenshot shows the SAP Easy Access interface. At the top, there is a toolbar with icons for Menu, Edit, Favorites, Extras, System, and Help. Below the toolbar is a search bar with a green checkmark icon and a dropdown arrow. Underneath the search bar is the text "SAP Easy Access". A navigation bar follows, featuring icons for Home, Back, Forward, Refresh, and Help. The main area displays a "Favorites" section under a yellow folder icon. The list contains the following items:</p> <ul style="list-style-type: none"> <li>• ★ STC01 - Task Manager for Tech. Configuration</li> <li>• ★ SU01 - User Maintenance</li> <li>• ★ PFCG - Role Maintenance</li> <li>• ★ /UI2/FLPCM_CUST - SAP Fiori Launchpad Content Manager</li> <li>• ★ /UI2/FLPAM - SAP Fiori Launchpad App Manager</li> <li>• ★ /UI2/FLP - SAP Fiori Launchpad</li> </ul>

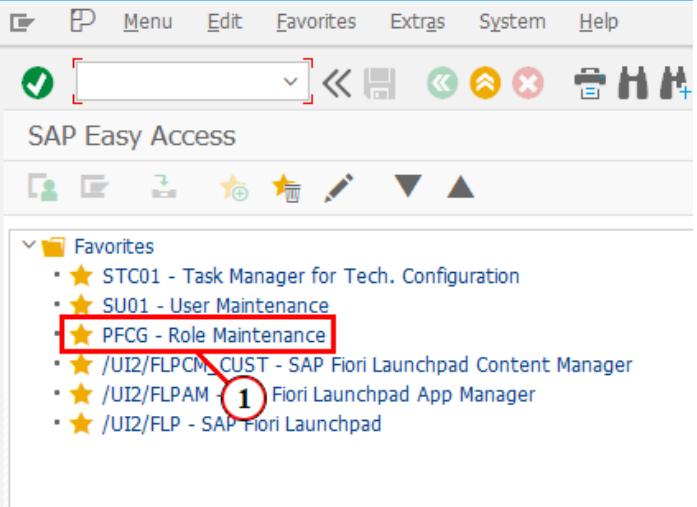
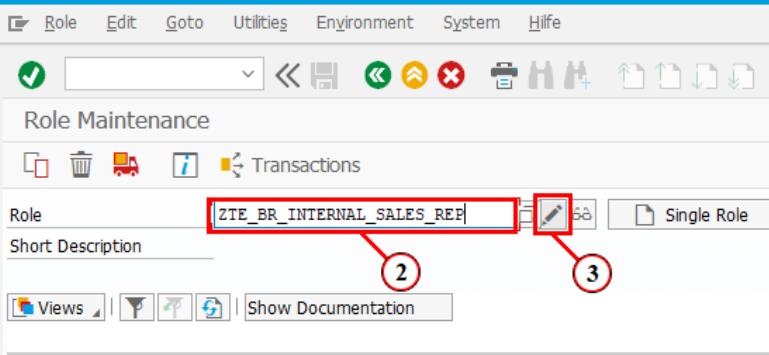
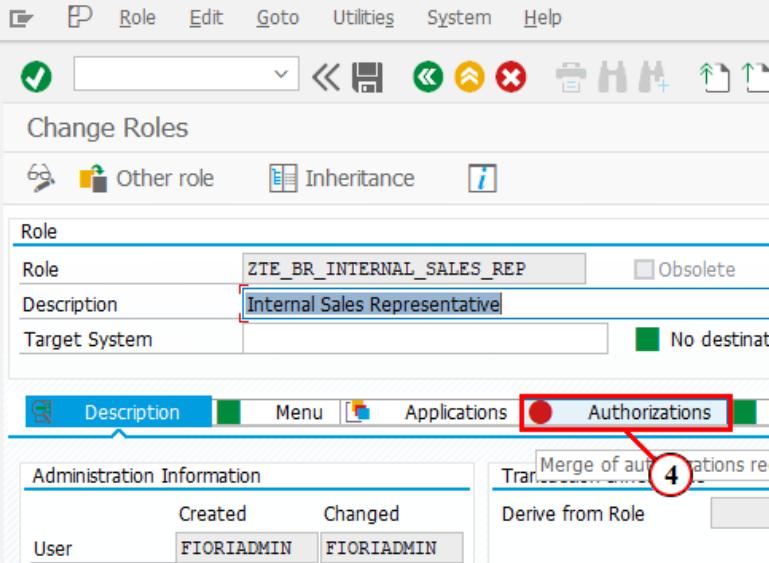
## Activate custom Fiori content

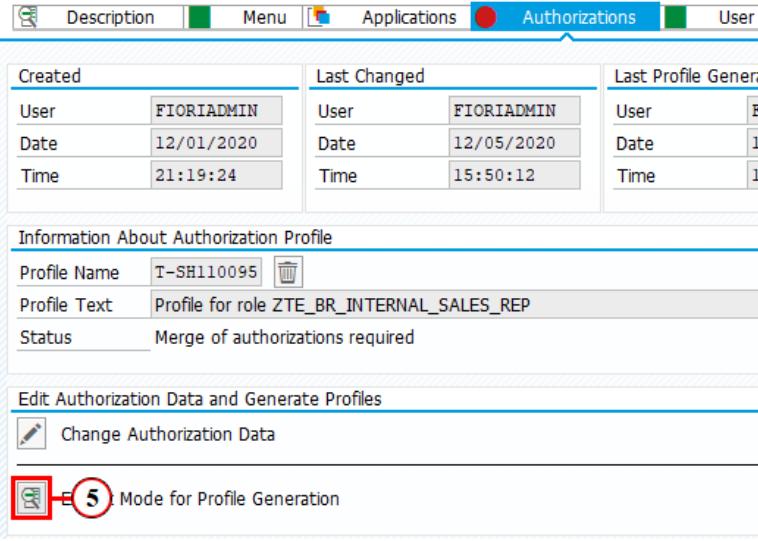
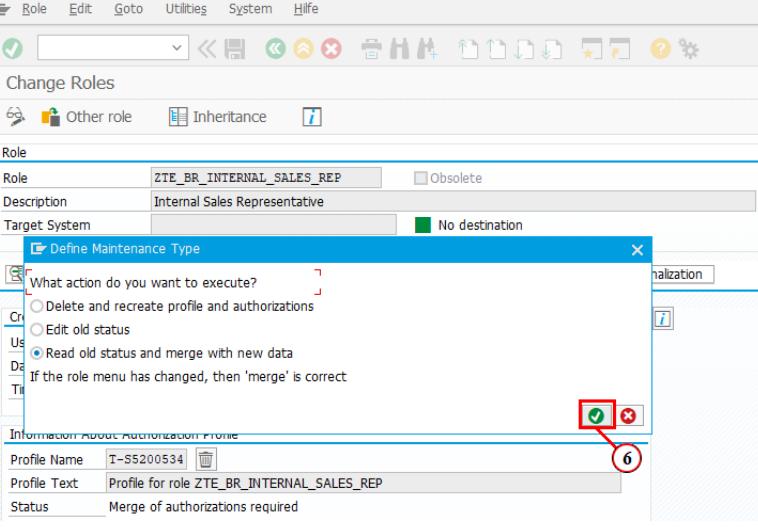
Explanation	Screenshot
<p> Now you will activate the missing OData service with a task list run based on the scope of your custom role.</p> <p>1. Choose <b>STC01 - Task Manager for Tech. Configuration</b> with a double-click or call transaction <b>STC01</b>.</p>	 <p>The screenshot shows the SAP Easy Access interface, identical to the previous one. The "Favorites" section is displayed, and the first item, "★ STC01 - Task Manager for Tech. Configuration", is highlighted with a red rectangular box. A red circle with the number "1" is drawn around this highlighted item, indicating it is the target for activation.</p>

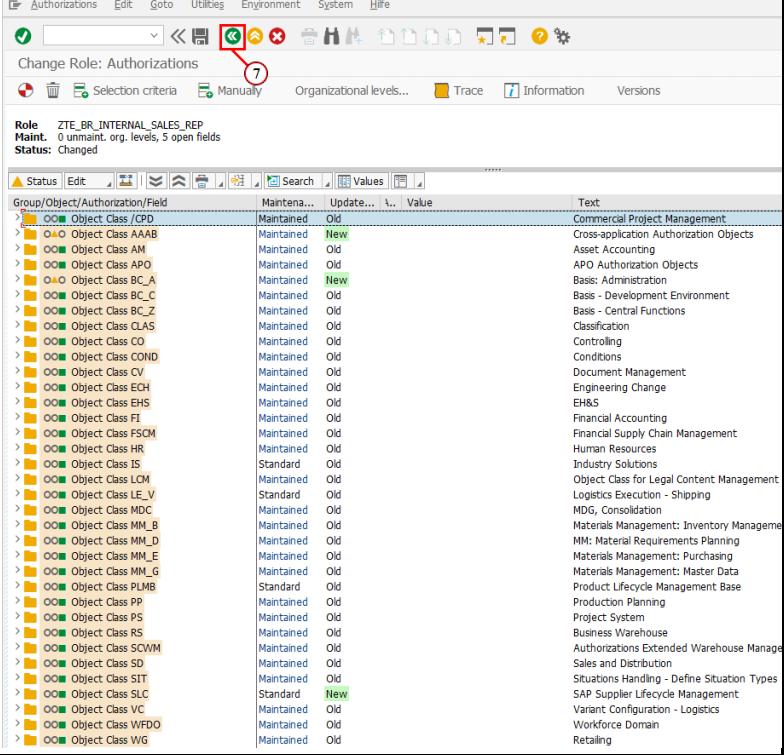
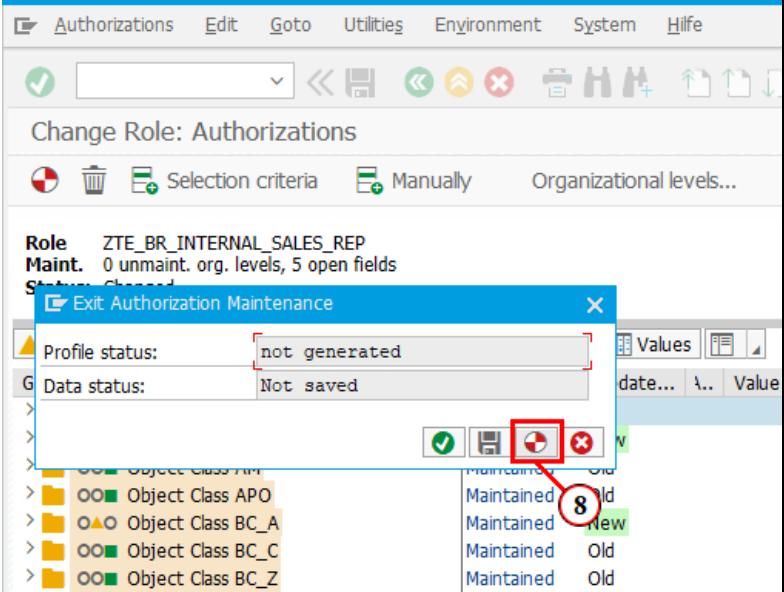
Explanation	Screenshot
<p>2. Enter <b>Task List</b> <b>SAP_FIORI_FCM_CONTENT_ACTIVATION</b>.</p> <p>3. Click  (Generate task list run) to create a new task list run.</p>	
<p> Now you will select your custom business role as scope for the task list run.</p> <p>4. Click  to get the list of available business roles.</p>	
<p>5. Enter <b>ZTE*</b> in text field.</p> <p>6. Click  to filter for roles beginning with ZTE.</p>	
<p>7. Select role <b>ZTE_BR_INTERNAL_SALES_REP</b>.</p> <p>8. Click  to save the task list run configuration.</p> <p>9. Click .</p>	

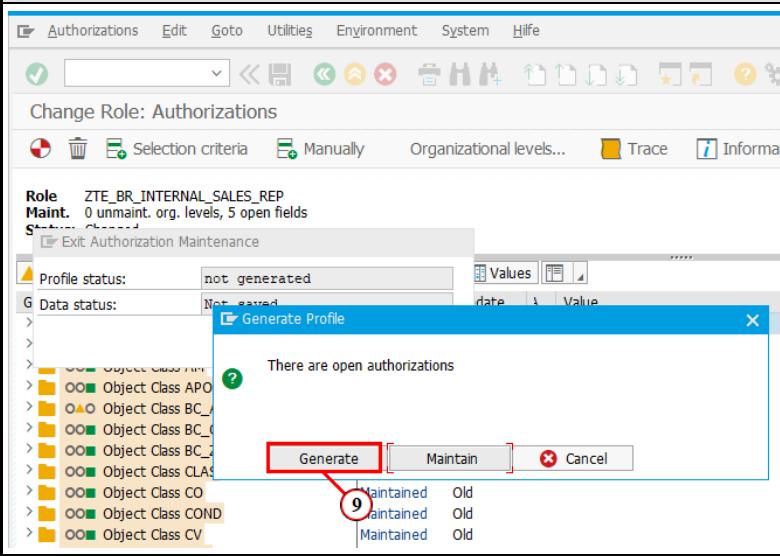
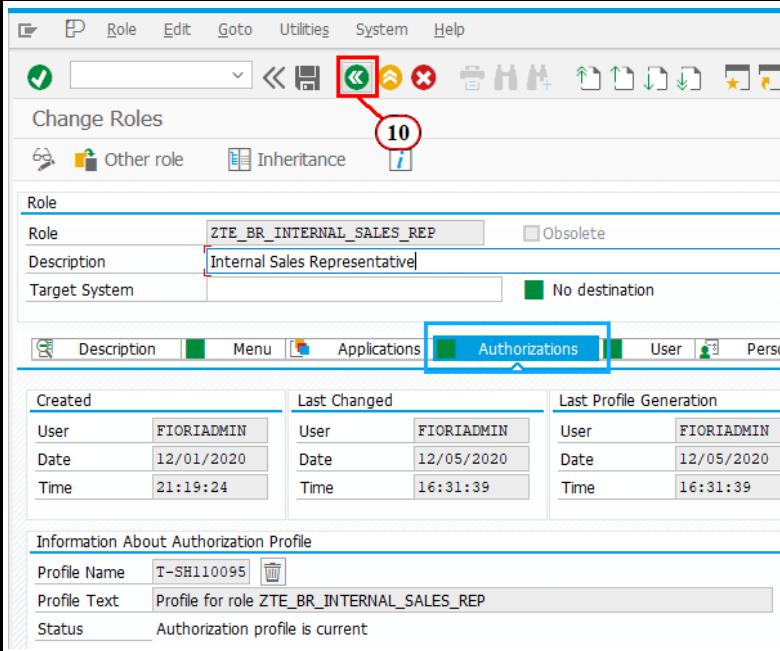
Explanation	Screenshot
<p>10. Click  to execute the task list run.</p>	
<p>11. Click  to show the log for task Activate OData Services.</p> <p> The OData Service of app F2192, which has been added to the custom business catalog, is now activated.</p> <p>12. Click  twice to go back to the SAP Easy Access menu.</p>	
<p> In the next steps, you will regenerate the authorization profile in PFCG to include the authorization to start the Fiori app F2192 into the test role.</p>	

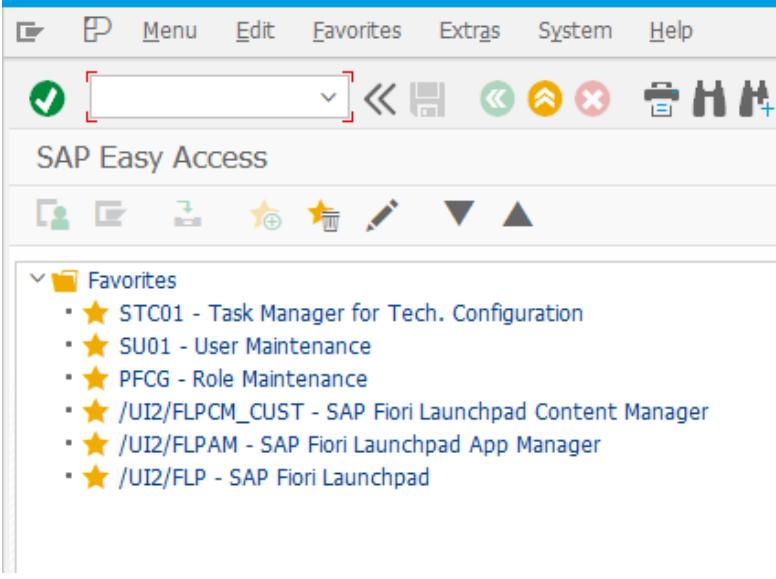
## Enhance authorizations for the additional app

Explanation	Screenshot
1. Double-click PFCG - Role Maintenance or call transaction PFCG.	
2. Enter role ZTE_BR_INTERNAL_SALES_REP. 3. Choose Edit.	
4. Choose Authorizations.	

Explanation	Screenshot
<p>5. Click  to switch to the expert mode to adapt the authorizations.</p>	
<p>6. Click  while keeping the selection: <i>Read old status and merge with data</i>.</p>	

<p><b>Explanation</b></p> <p> Here you can verify the changes on authorization objects in the role.</p> <p>During the content activation task list run, the services have been activated and added to the role menu including the authorization objects based on the authorization default values.</p> <p>For a more elaborated authorization assignment, you would maintain the details here. We keep them for this exercise as is.</p> <p>7. Click .</p>	<p><b>Screenshot</b></p>  <table border="1"> <thead> <tr> <th>Group/Object/Authorization/Field</th> <th>Maintain...</th> <th>Update...</th> <th>Value</th> <th>Text</th> </tr> </thead> <tbody> <tr><td>Object Class CPD</td><td>Maintained</td><td>Old</td><td></td><td>Commercial Project Management</td></tr> <tr><td>Object Class AAAB</td><td>Maintained</td><td>New</td><td></td><td>Cross-application Authorization Objects</td></tr> <tr><td>Object Class AM</td><td>Maintained</td><td>Old</td><td></td><td>Asset Accounting</td></tr> <tr><td>Object Class APO</td><td>Maintained</td><td>Old</td><td></td><td>APO Authorization Objects</td></tr> <tr><td>Object Class BC_A</td><td>Maintained</td><td>New</td><td></td><td>Basis: Administration</td></tr> <tr><td>Object Class BC_C</td><td>Maintained</td><td>Old</td><td></td><td>Basis - Development Environment</td></tr> <tr><td>Object Class BC_Z</td><td>Maintained</td><td>Old</td><td></td><td>Basis - Central Functions</td></tr> <tr><td>Object Class CLAS</td><td>Maintained</td><td>Old</td><td></td><td>Classification</td></tr> <tr><td>Object Class CO</td><td>Maintained</td><td>Old</td><td></td><td>Controlling</td></tr> <tr><td>Object Class COND</td><td>Maintained</td><td>Old</td><td></td><td>Conditions</td></tr> <tr><td>Object Class CV</td><td>Maintained</td><td>Old</td><td></td><td>Document Management</td></tr> <tr><td>Object Class ECH</td><td>Maintained</td><td>Old</td><td></td><td>Engineering Change</td></tr> <tr><td>Object Class EHS</td><td>Maintained</td><td>Old</td><td></td><td>EH&amp;S</td></tr> <tr><td>Object Class FI</td><td>Maintained</td><td>Old</td><td></td><td>Financial Accounting</td></tr> <tr><td>Object Class FSCM</td><td>Maintained</td><td>Old</td><td></td><td>Financial Supply Chain Management</td></tr> <tr><td>Object Class HR</td><td>Maintained</td><td>Old</td><td></td><td>Human Resources</td></tr> <tr><td>Object Class IS</td><td>Standard</td><td>Old</td><td></td><td>Industry Solutions</td></tr> <tr><td>Object Class LCM</td><td>Maintained</td><td>Old</td><td></td><td>Object Class for Legal Content Management</td></tr> <tr><td>Object Class LE_V</td><td>Standard</td><td>Old</td><td></td><td>Logistics Execution - Shipping</td></tr> <tr><td>Object Class MDC</td><td>Maintained</td><td>Old</td><td></td><td>MDG, Consolidation</td></tr> <tr><td>Object Class MN_B</td><td>Maintained</td><td>Old</td><td></td><td>Materials Management: Inventory Management</td></tr> <tr><td>Object Class MM_D</td><td>Maintained</td><td>Old</td><td></td><td>MM: Material Requirements Planning</td></tr> <tr><td>Object Class MM_E</td><td>Maintained</td><td>Old</td><td></td><td>Materials Management: Purchasing</td></tr> <tr><td>Object Class MM_G</td><td>Maintained</td><td>Old</td><td></td><td>Materials Management: Master Data</td></tr> <tr><td>Object Class PLMB</td><td>Standard</td><td>Old</td><td></td><td>Product Lifecycle Management Base</td></tr> <tr><td>Object Class PP</td><td>Maintained</td><td>Old</td><td></td><td>Production Planning</td></tr> <tr><td>Object Class PS</td><td>Maintained</td><td>Old</td><td></td><td>Project System</td></tr> <tr><td>Object Class RS</td><td>Maintained</td><td>Old</td><td></td><td>Business Warehouse</td></tr> <tr><td>Object Class SCWM</td><td>Maintained</td><td>Old</td><td></td><td>Authorizations Extended Warehouse Management</td></tr> <tr><td>Object Class SD</td><td>Maintained</td><td>Old</td><td></td><td>Sales and Distribution</td></tr> <tr><td>Object Class SIT</td><td>Maintained</td><td>Old</td><td></td><td>Situations Handling - Define Situation Types</td></tr> <tr><td>Object Class SLC</td><td>Standard</td><td>New</td><td></td><td>SAP Supplier Lifecycle Management</td></tr> <tr><td>Object Class VC</td><td>Maintained</td><td>Old</td><td></td><td>Variant Configuration - Logistics</td></tr> <tr><td>Object Class WFDO</td><td>Maintained</td><td>Old</td><td></td><td>Workforce Domain</td></tr> <tr><td>Object Class WG</td><td>Maintained</td><td>Old</td><td></td><td>Retailing</td></tr> </tbody> </table>	Group/Object/Authorization/Field	Maintain...	Update...	Value	Text	Object Class CPD	Maintained	Old		Commercial Project Management	Object Class AAAB	Maintained	New		Cross-application Authorization Objects	Object Class AM	Maintained	Old		Asset Accounting	Object Class APO	Maintained	Old		APO Authorization Objects	Object Class BC_A	Maintained	New		Basis: Administration	Object Class BC_C	Maintained	Old		Basis - Development Environment	Object Class BC_Z	Maintained	Old		Basis - Central Functions	Object Class CLAS	Maintained	Old		Classification	Object Class CO	Maintained	Old		Controlling	Object Class COND	Maintained	Old		Conditions	Object Class CV	Maintained	Old		Document Management	Object Class ECH	Maintained	Old		Engineering Change	Object Class EHS	Maintained	Old		EH&S	Object Class FI	Maintained	Old		Financial Accounting	Object Class FSCM	Maintained	Old		Financial Supply Chain Management	Object Class HR	Maintained	Old		Human Resources	Object Class IS	Standard	Old		Industry Solutions	Object Class LCM	Maintained	Old		Object Class for Legal Content Management	Object Class LE_V	Standard	Old		Logistics Execution - Shipping	Object Class MDC	Maintained	Old		MDG, Consolidation	Object Class MN_B	Maintained	Old		Materials Management: Inventory Management	Object Class MM_D	Maintained	Old		MM: Material Requirements Planning	Object Class MM_E	Maintained	Old		Materials Management: Purchasing	Object Class MM_G	Maintained	Old		Materials Management: Master Data	Object Class PLMB	Standard	Old		Product Lifecycle Management Base	Object Class PP	Maintained	Old		Production Planning	Object Class PS	Maintained	Old		Project System	Object Class RS	Maintained	Old		Business Warehouse	Object Class SCWM	Maintained	Old		Authorizations Extended Warehouse Management	Object Class SD	Maintained	Old		Sales and Distribution	Object Class SIT	Maintained	Old		Situations Handling - Define Situation Types	Object Class SLC	Standard	New		SAP Supplier Lifecycle Management	Object Class VC	Maintained	Old		Variant Configuration - Logistics	Object Class WFDO	Maintained	Old		Workforce Domain	Object Class WG	Maintained	Old		Retailing
Group/Object/Authorization/Field	Maintain...	Update...	Value	Text																																																																																																																																																																																	
Object Class CPD	Maintained	Old		Commercial Project Management																																																																																																																																																																																	
Object Class AAAB	Maintained	New		Cross-application Authorization Objects																																																																																																																																																																																	
Object Class AM	Maintained	Old		Asset Accounting																																																																																																																																																																																	
Object Class APO	Maintained	Old		APO Authorization Objects																																																																																																																																																																																	
Object Class BC_A	Maintained	New		Basis: Administration																																																																																																																																																																																	
Object Class BC_C	Maintained	Old		Basis - Development Environment																																																																																																																																																																																	
Object Class BC_Z	Maintained	Old		Basis - Central Functions																																																																																																																																																																																	
Object Class CLAS	Maintained	Old		Classification																																																																																																																																																																																	
Object Class CO	Maintained	Old		Controlling																																																																																																																																																																																	
Object Class COND	Maintained	Old		Conditions																																																																																																																																																																																	
Object Class CV	Maintained	Old		Document Management																																																																																																																																																																																	
Object Class ECH	Maintained	Old		Engineering Change																																																																																																																																																																																	
Object Class EHS	Maintained	Old		EH&S																																																																																																																																																																																	
Object Class FI	Maintained	Old		Financial Accounting																																																																																																																																																																																	
Object Class FSCM	Maintained	Old		Financial Supply Chain Management																																																																																																																																																																																	
Object Class HR	Maintained	Old		Human Resources																																																																																																																																																																																	
Object Class IS	Standard	Old		Industry Solutions																																																																																																																																																																																	
Object Class LCM	Maintained	Old		Object Class for Legal Content Management																																																																																																																																																																																	
Object Class LE_V	Standard	Old		Logistics Execution - Shipping																																																																																																																																																																																	
Object Class MDC	Maintained	Old		MDG, Consolidation																																																																																																																																																																																	
Object Class MN_B	Maintained	Old		Materials Management: Inventory Management																																																																																																																																																																																	
Object Class MM_D	Maintained	Old		MM: Material Requirements Planning																																																																																																																																																																																	
Object Class MM_E	Maintained	Old		Materials Management: Purchasing																																																																																																																																																																																	
Object Class MM_G	Maintained	Old		Materials Management: Master Data																																																																																																																																																																																	
Object Class PLMB	Standard	Old		Product Lifecycle Management Base																																																																																																																																																																																	
Object Class PP	Maintained	Old		Production Planning																																																																																																																																																																																	
Object Class PS	Maintained	Old		Project System																																																																																																																																																																																	
Object Class RS	Maintained	Old		Business Warehouse																																																																																																																																																																																	
Object Class SCWM	Maintained	Old		Authorizations Extended Warehouse Management																																																																																																																																																																																	
Object Class SD	Maintained	Old		Sales and Distribution																																																																																																																																																																																	
Object Class SIT	Maintained	Old		Situations Handling - Define Situation Types																																																																																																																																																																																	
Object Class SLC	Standard	New		SAP Supplier Lifecycle Management																																																																																																																																																																																	
Object Class VC	Maintained	Old		Variant Configuration - Logistics																																																																																																																																																																																	
Object Class WFDO	Maintained	Old		Workforce Domain																																																																																																																																																																																	
Object Class WG	Maintained	Old		Retailing																																																																																																																																																																																	
<p>8. Click  to regenerate the authorization profile.</p>	 <p>Profile status: not generated Data status: Not saved</p> <p>Exit Authorization Maintenance</p> <table border="1"> <thead> <tr> <th>Group/Object/Authorization/Field</th> <th>Maintain...</th> <th>Update...</th> <th>Value</th> </tr> </thead> <tbody> <tr><td>Object Class AM</td><td>Maintained</td><td>Old</td><td></td></tr> <tr><td>Object Class APO</td><td>Maintained</td><td>New</td><td></td></tr> <tr><td>Object Class BC_A</td><td>Maintained</td><td>Old</td><td></td></tr> <tr><td>Object Class BC_C</td><td>Maintained</td><td>Old</td><td></td></tr> <tr><td>Object Class BC_Z</td><td>Maintained</td><td>Old</td><td></td></tr> </tbody> </table>	Group/Object/Authorization/Field	Maintain...	Update...	Value	Object Class AM	Maintained	Old		Object Class APO	Maintained	New		Object Class BC_A	Maintained	Old		Object Class BC_C	Maintained	Old		Object Class BC_Z	Maintained	Old																																																																																																																																																													
Group/Object/Authorization/Field	Maintain...	Update...	Value																																																																																																																																																																																		
Object Class AM	Maintained	Old																																																																																																																																																																																			
Object Class APO	Maintained	New																																																																																																																																																																																			
Object Class BC_A	Maintained	Old																																																																																																																																																																																			
Object Class BC_C	Maintained	Old																																																																																																																																																																																			
Object Class BC_Z	Maintained	Old																																																																																																																																																																																			

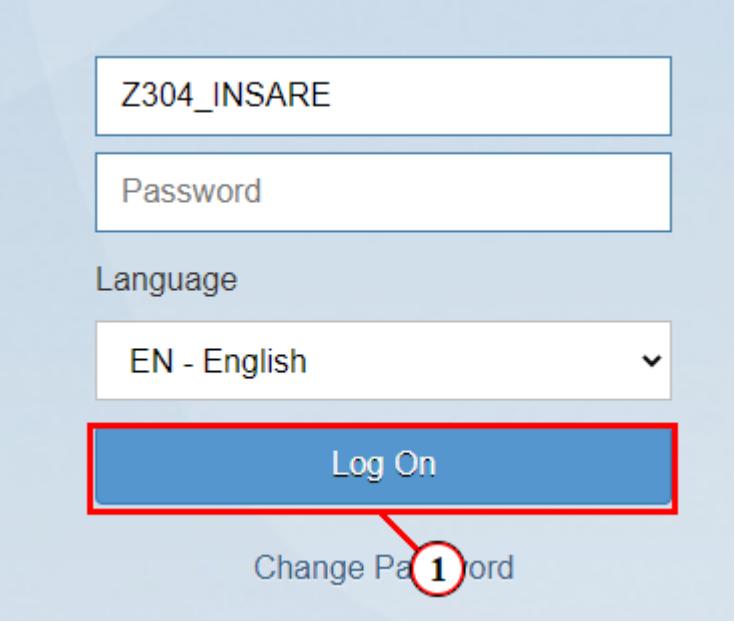
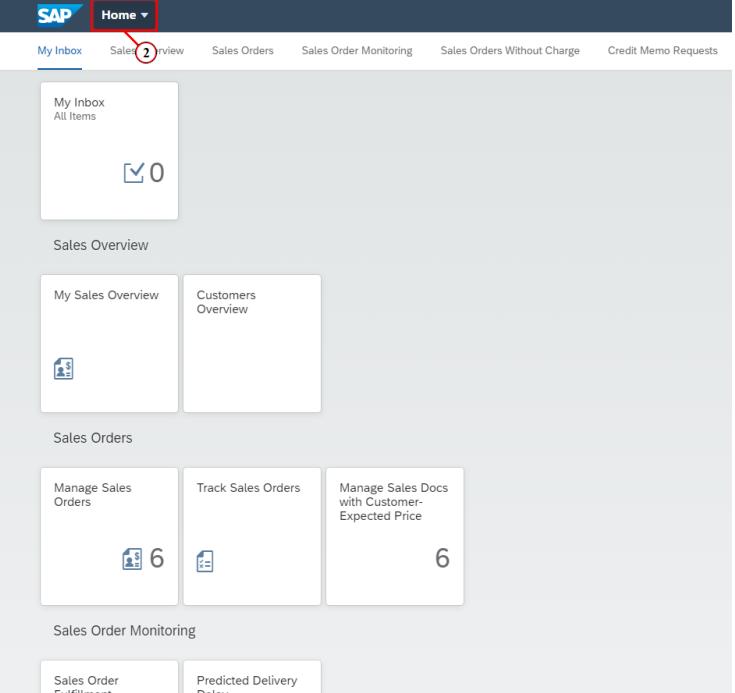
Explanation	Screenshot
<p>9. Choose <b>Generate</b>.</p>	
<p><b>After the regeneration of the authorization profile, the <i>Authorizations</i> tab of the role is green.</b></p> <p>10. Click  twice to go back the SAP Easy Access menu.</p>	

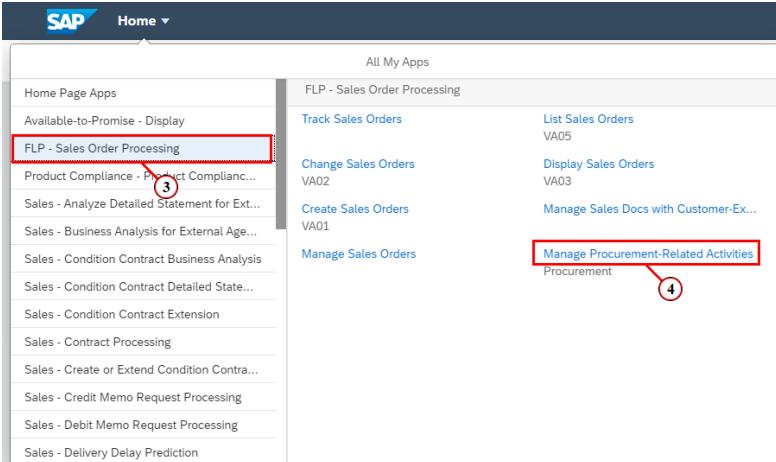
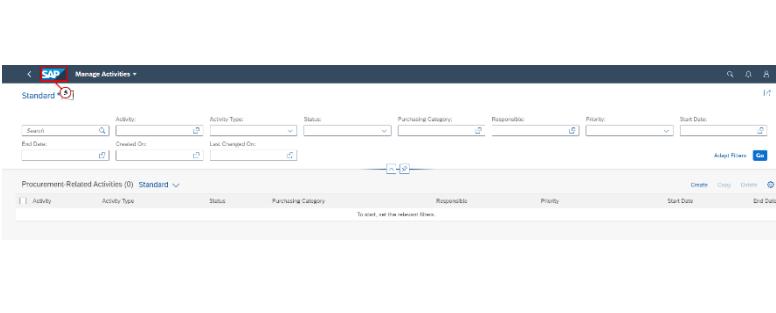
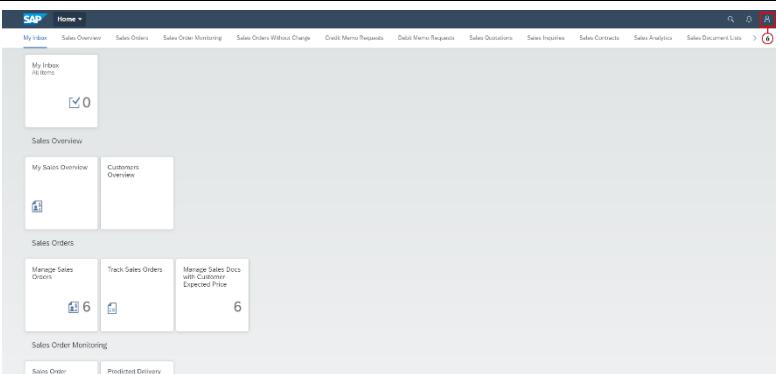
Explanation	Screenshot
<p> In the next exercise you will test your activated custom content as end user in the SAP Fiori launchpad.</p>	 <p>The screenshot shows the SAP Fiori Launchpad interface. At the top, there is a toolbar with icons for Menu, Edit, Favorites, Extras, System, and Help. Below the toolbar is the SAP Easy Access logo. Underneath the logo is a navigation bar with icons for Home, Logout, Refresh, and other system functions. The main area is titled "Favorites" and contains a list of pinned items:</p> <ul style="list-style-type: none"><li>★ STC01 - Task Manager for Tech. Configuration</li><li>★ SU01 - User Maintenance</li><li>★ PFCG - Role Maintenance</li><li>★ /UI2/FLPCM_CUST - SAP Fiori Launchpad Content Manager</li><li>★ /UI2/FLPAM - SAP Fiori Launchpad App Manager</li><li>★ /UI2/FLP - SAP Fiori Launchpad</li></ul>

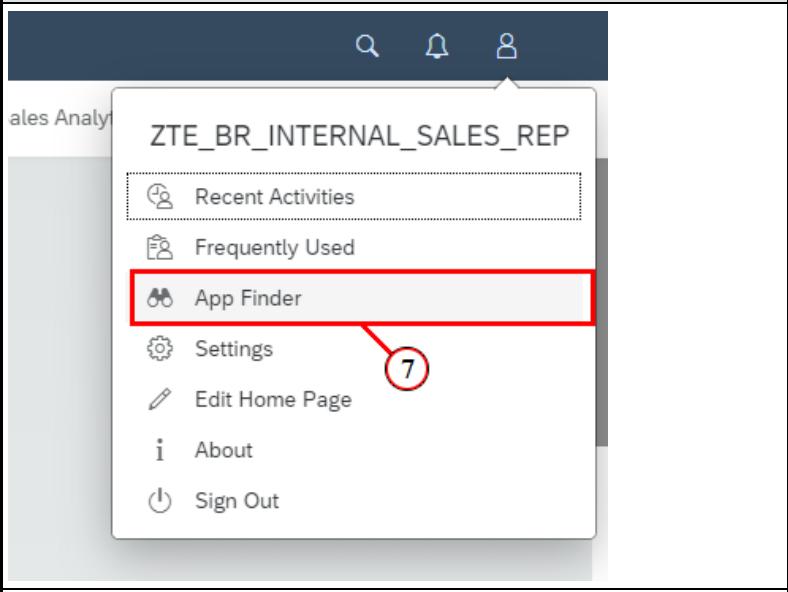
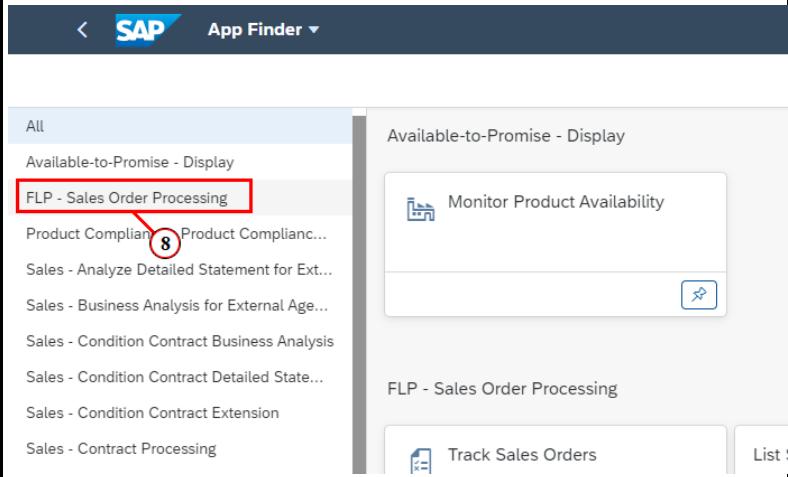
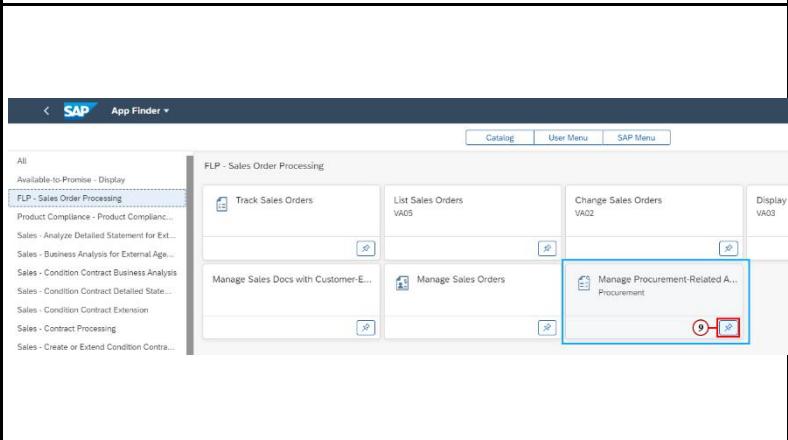
## Test custom the catalog in SAP Fiori launchpad

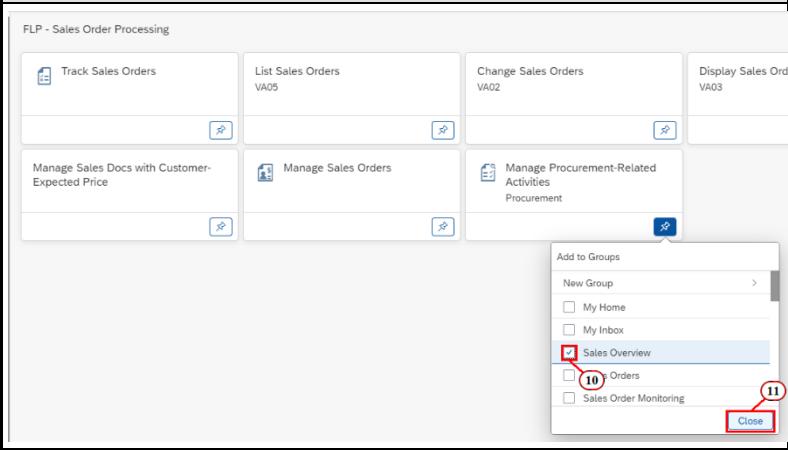
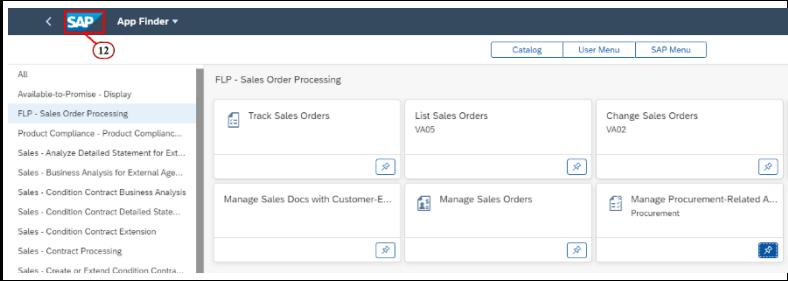
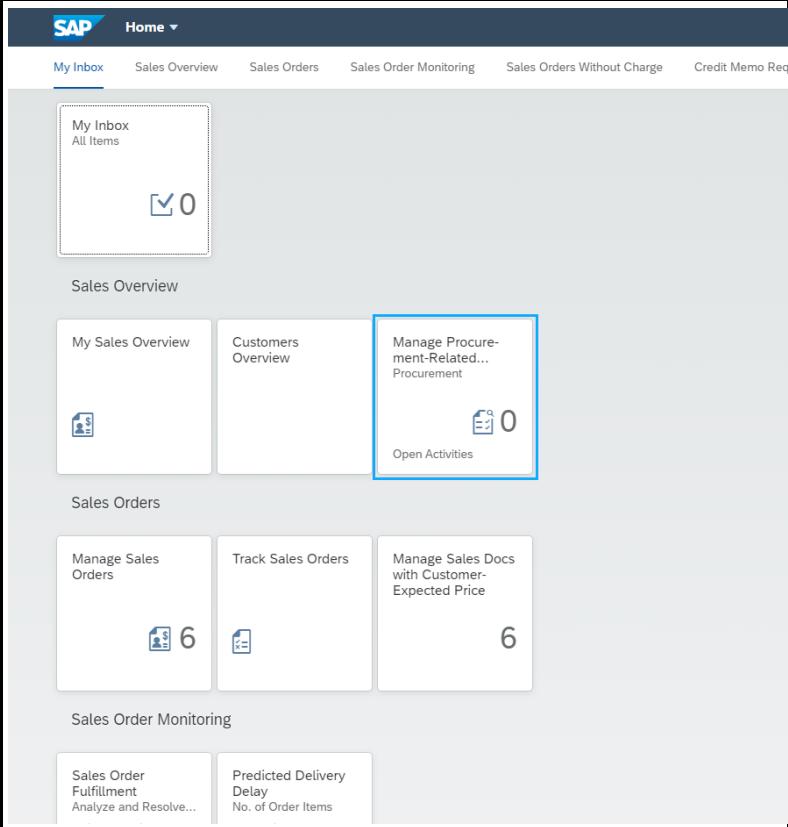
In the previous exercises you have added the app F2192 (*Manage Procurement - Related Activities*) to the custom catalog ZFLP\_SD\_BC\_SO\_PROC\_OP and you have activated the related services.

Now you will test the availability of the app for the end user in the SAP Fiori launchpad.

Explanation	Screenshot
<p> You have started the SAP Fiori launchpad in a new browser window (Chrome) by clicking the <i>SAP Fiori launchpad</i> link on the Welcome Page.</p> <p> As an end user, you now will test the adapted and activated SAP Fiori launchpad custom content in the role of an internal sales representative.</p> <p>1. Log in with the test user, e.g. <b>Z304_INSARE</b> and password <b>Welcome1</b>. Keep <i>English</i> as language.</p>	 <p>The screenshot shows a login interface. It has fields for 'Username' containing 'Z304_INSARE', 'Password', and 'Language' set to 'EN - English'. A large red box highlights the 'Log On' button, and a red arrow points from the text above to this button. Below the log on area is a 'Change Password' link.</p>
<p> As expected, the app <i>Manage Procurement - Related Activities</i> is not directly visible on the home page, because you only added it to a catalog, but not to a Fiori group.</p> <p>You can access the app <i>Manage Procurement - Related Activities</i> via the navigation menu in the shell bar or add it to the home page using the app finder functionality.</p> <p>2. Choose <i>Home</i> to open the navigation menu.</p>	 <p>The screenshot shows the SAP Fiori launchpad home page. At the top, there's a navigation bar with 'SAP' and 'Home ▾'. A red circle with the number '2' is on the 'Home' button. Below the navigation bar is a 'My Inbox' card showing 'All Items' and a count of '0'. Underneath are sections for 'Sales Overview', 'Sales Orders', and 'Sales Order Monitoring', each with several cards. A red circle with the number '1' is on the 'Sales Overview' section.</p>

Explanation	Screenshot
<p>3. Choose catalog FLP - Sales Order Processing.</p> <p>4. Choose Manage Procurement-Related Activities to launch the app.</p>	
<p> This is the initial screen of the app Manage Procurement-Related Activities.</p> <p>5. Click  to navigate back to the SAP Fiori launchpad home page.</p>	
<p> Now let's add the app to the launchpad home page using the the app finder.</p> <p>6. Click  on the top right corner of the screen to open the User Menu.</p>	

Explanation	Screenshot
7. Choose App Finder.	
8. Choose catalog FLP - Sales order processing.	
<p> Verify, that the app <i>Manage Procurement-Related Activities</i> is shown within the custom business catalog <i>FLP - Sales Order Processing</i>.</p> <p>9. Click  to add the app <i>Manage Procurement - Related Activities</i> to the launchpad home page.</p>	

Explanation	Screenshot
<p>10. Select group <b>Sales Overview</b>.</p> <p>11. Choose <b>Close</b>.</p>	
<p>12. Click <b>SAP</b> to go back to the SAP Fiori launchpad home page.</p>	
<p><b>ⓘ</b> Verify the new tile on the FLP home page, which you added to the group <b>Sales Overview</b> in the last step.</p> <p><b>👉</b> After having validated the adapted and activated content in SAP Fiori launchpad, close the browser window.</p>	

## Summary

You have completed the exercise!

You are now able to:

Use SAP Fiori launchpad content manager to explore existing content (Tile/TM) and catalogs on the customizing layer.

- Create and copy business catalogs
- Add and remove tiles/target mappings in a catalog
- Add and remove catalogs in PFCG role menu
- Activate services for custom roles using a task list.
- Find an app in the launchpad app finder and add it as tile to the home page

# BUILD CUSTOM SAP FIORI CONTENT FROM SCRATCH

## Overview

Estimated time: 15 minutes

### Objective

As a content administrator I want to make custom apps available for the end users in SAP Fiori launchpad - besides the SAP-delivered standard apps.

In the following exercise you will learn how to create custom Fiori launchpad content with SAP Fiori launchpad app manager (for technical catalogs) and SAP Fiori launchpad content manager (for business catalogs).

For more information on the available design time tools, see [Tools for Setting Up Launchpad Content](#).

### Exercise Description

During this exercise you perform the following actions:

- *Create a new technical catalog with original app descriptor items in SAP Fiori launchpad app manager*
- *Create a new business catalog in launchpad content manager.*
- *Assign a tile/target mapping definition (app descriptor item) as reference to a business catalog*
- *Assign a business catalog to a PFCG role*
- *Launch the SAP Fiori launchpad home page and the app finder.*

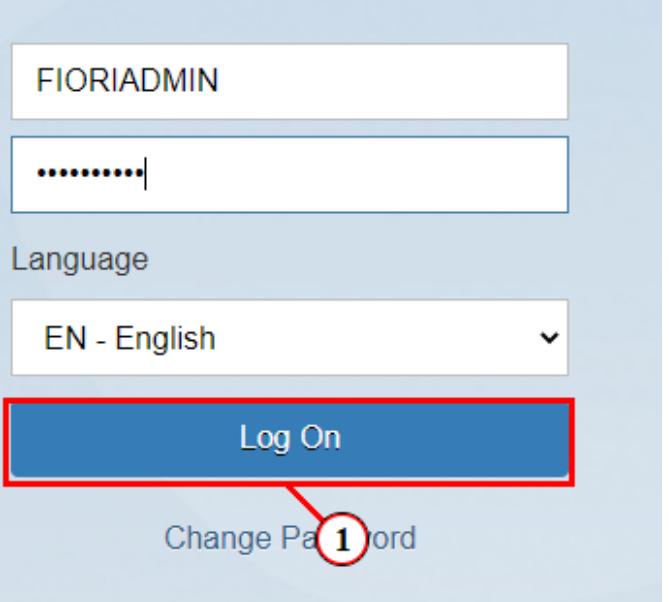
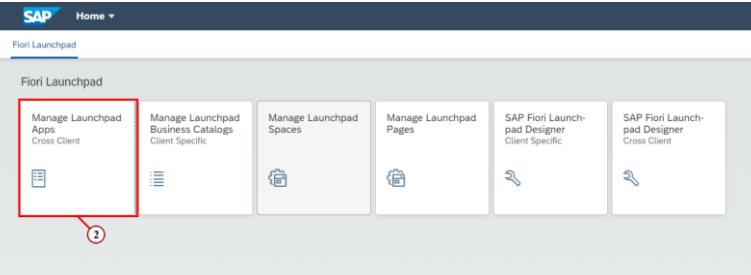
## Create a new tile within a technical catalog

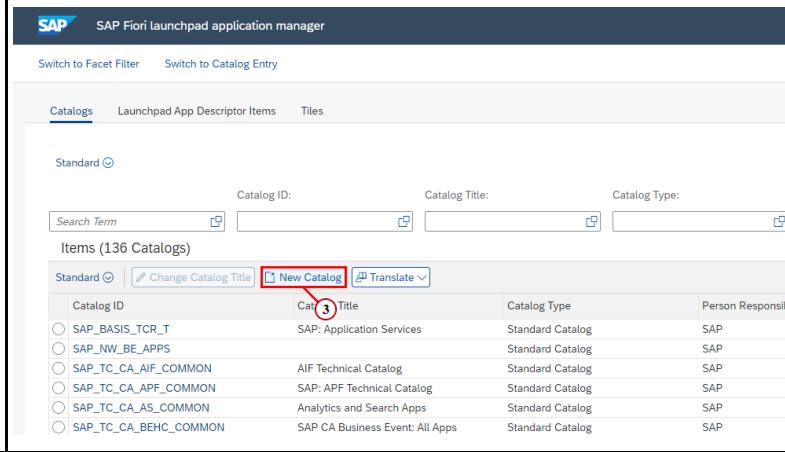
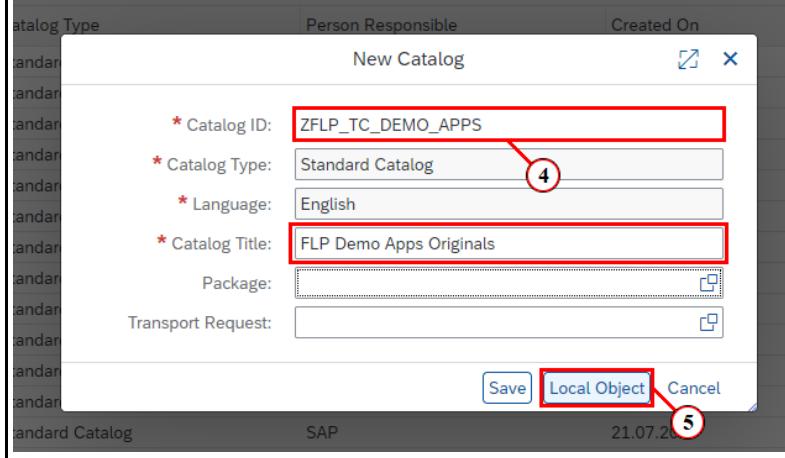
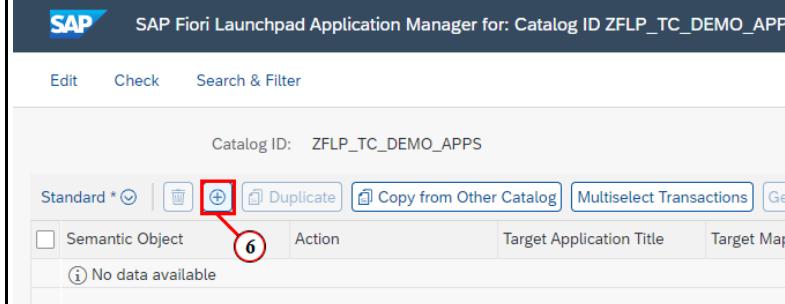
The SAP Fiori launchpad app manager allows to create original app descriptor items for all UI technologies on the configuration layer.

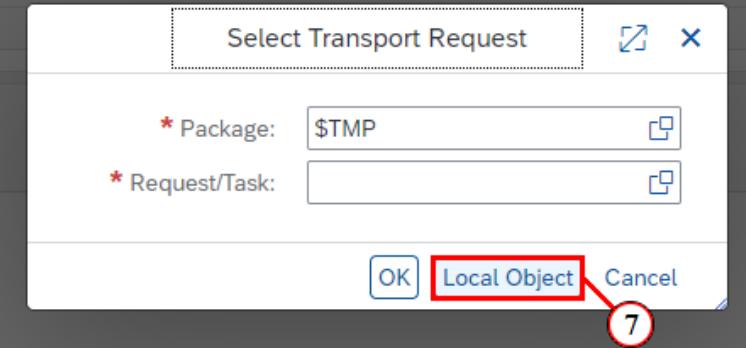
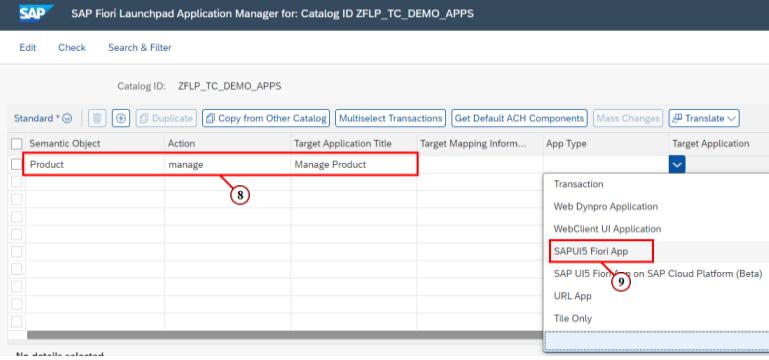
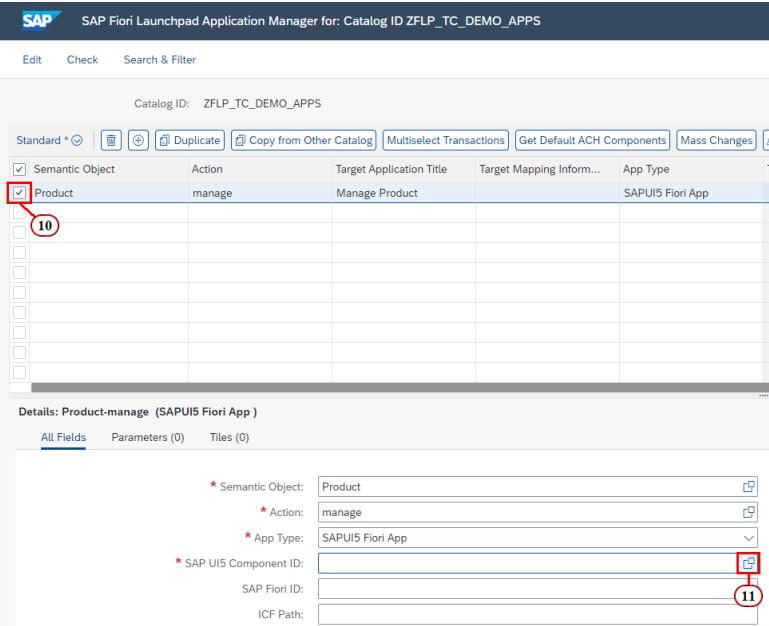
App descriptor items contain the tile and target application definition and correspond to the tile/target mapping definitions, which are shown in the SAP Fiori launchpad content manager.

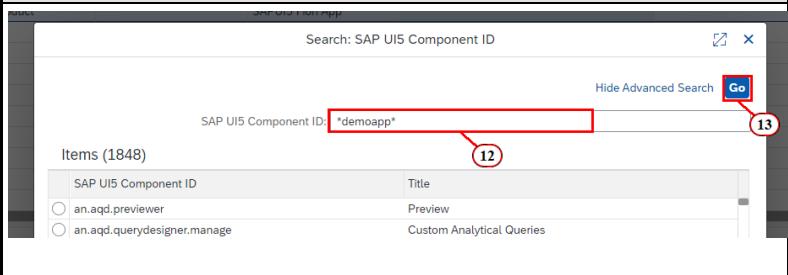
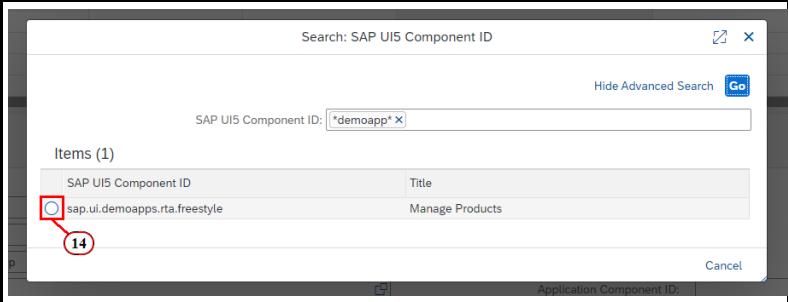
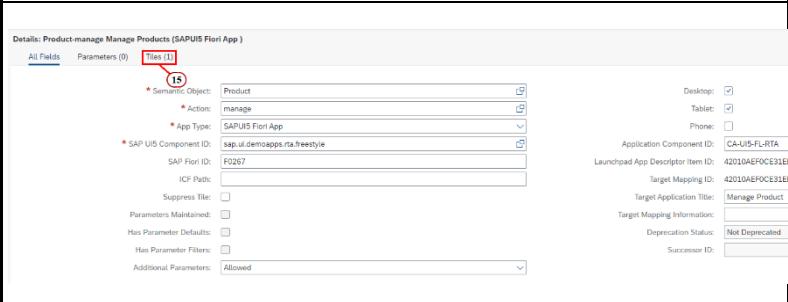
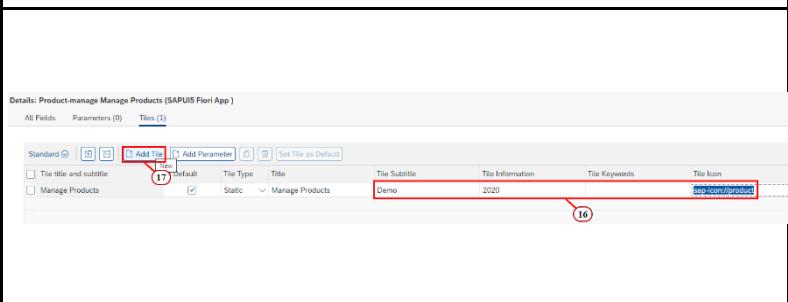
The launchpad app manager is the successor tool of the *SAP Fiori launchpad designer* for creating original tile/target mappings (app descriptor items).

For more information, see [Setting Up Technical Catalogs](#).

Explanation	Screenshot
<p>👉 You have started the SAP Fiori launchpad in a new browser window (Chrome) using the <i>SAP Fiori Launchpad</i> link on the Welcome Page.</p> <p>As an administrator, you will use the <i>SAP Fiori launchpad app manager</i> to create original app descriptor items containing the tiles and target application configuration.</p> <p>1. Log in as administrator <b>FIORIADMIN</b> and password <b>Welcome1</b>. Keep English as language</p>	
<p>2. Choose <i>Manage Launchpad Apps</i>.</p> <p>💡 App descriptor items, which are bundled in technical catalogs, are maintained on the configuration layer (cross-client).</p> <p>For more information, see <a href="#">Running the Launchpad App Manager</a></p>	
<p>2. Choose Switch to Search.</p>	

Explanation	Screenshot
<p> This screen shows a list of available technical catalogs, containing the original app descriptor items.</p> <p>You can search for technical catalogs and maintain them. In the next steps you will create a new catalog for a custom UI5 demo app.</p> <p>3. Choose New Catalog.</p>	
<p>4. Enter the following details:</p> <ul style="list-style-type: none"> <li><b>Catalog ID:</b> ZFLP_TC_DEMO_APPS</li> <li><b>Catalog Title:</b> FLP Demo Apps Originals</li> </ul> <p>5. Choose Local Object.</p>	
<p>6. Click  to add a new table entry (launchpad app descriptor item).</p>	

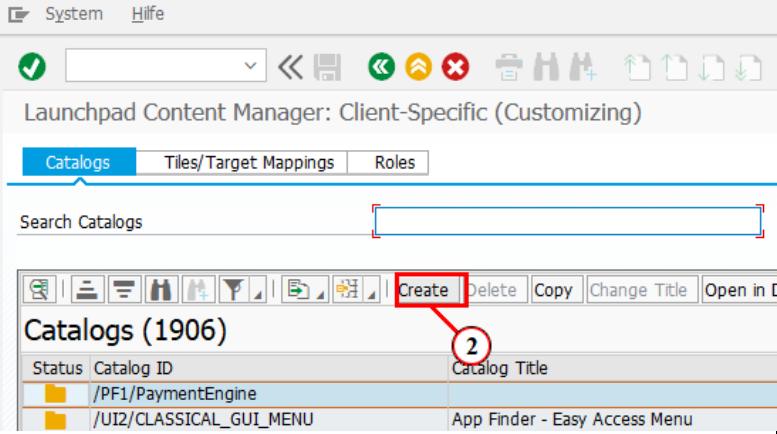
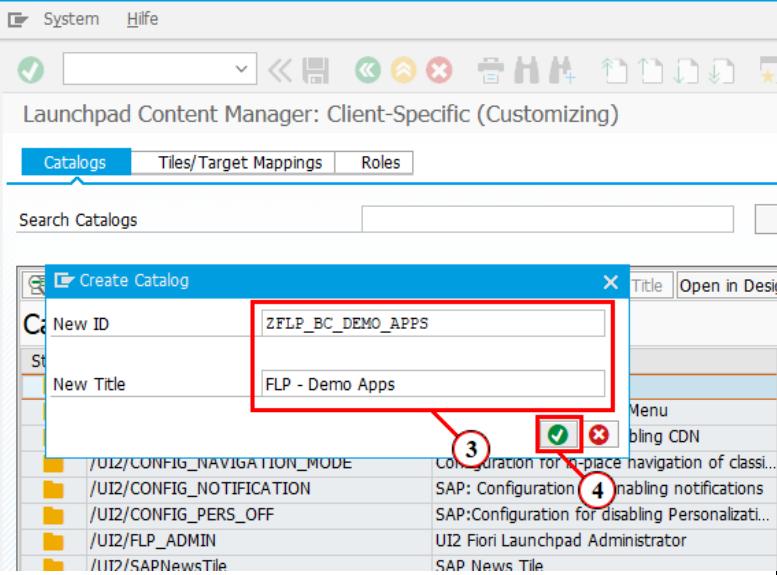
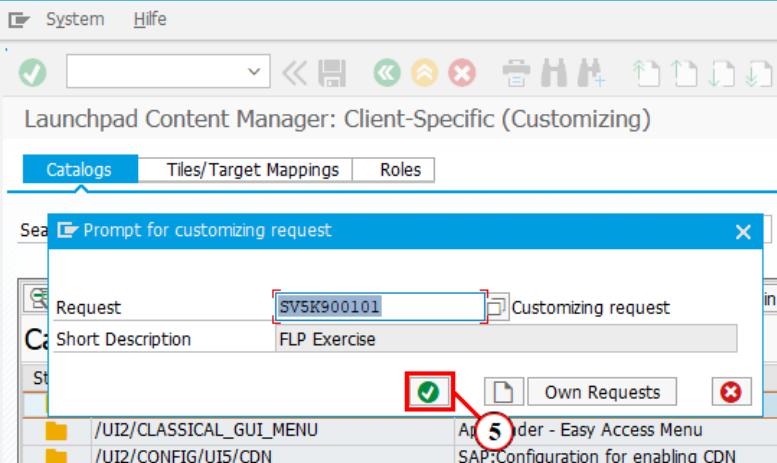
Explanation	Screenshot
7. Choose Local Object.	
<p>8. Enter the following details:</p> <ul style="list-style-type: none"> <li><b>Semantic Object:Product</b></li> <li><b>Action: manage</b></li> <li><b>Target Application Title: Manage Product</b></li> </ul> <p>9. Choose SAPUI5 Fiori App from the list of supported app types.</p>	
<p>10. Select the newly added line to edit the details on the bottom table.</p> <p>11. Choose the value help for SAP UI5 Component ID, to search for the demo app component.</p>	

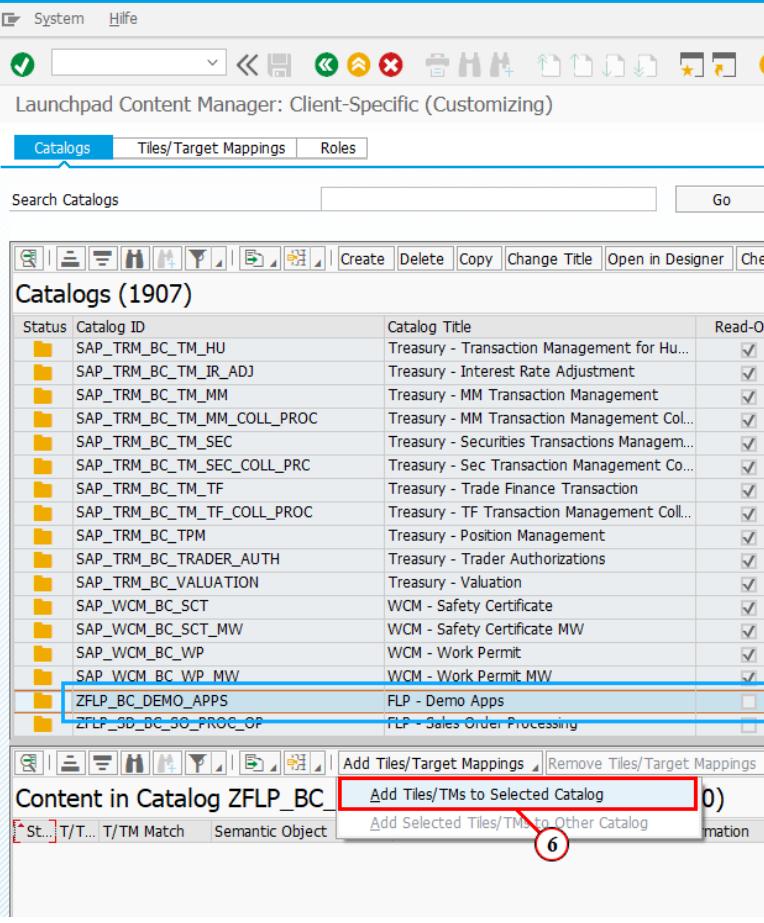
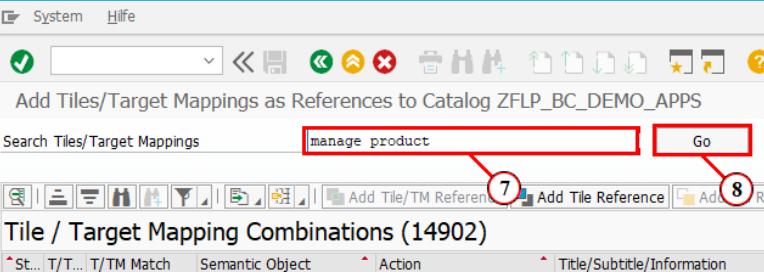
Explanation	Screenshot
<p>12. Enter <b>*demoapp*</b> in the search field.</p> <p>13. Choose Go.</p>	
<p>14. Select SAP UI5 component sap.ui.demoapps.rta.freestyle.</p>	
<p> Now you have defined the target application with a default tile. In the next steps you will adapt the visuals of the default tile and add an additional tile.</p> <p>15. Choose <i>Tiles</i>.</p>	
<p>16. Enter the following details:</p> <ul style="list-style-type: none"> <li><b>Tile Subtitle: Demo</b></li> <li><b>Tile Information: 2020</b></li> <li><b>Tile Icon: sap-icon://products</b></li> </ul> <p>17. Choose <i>Add Tile</i> to create a second tile.</p>	

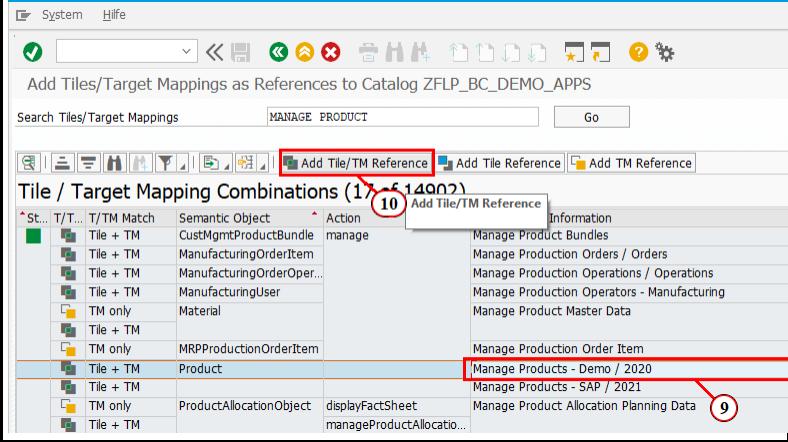
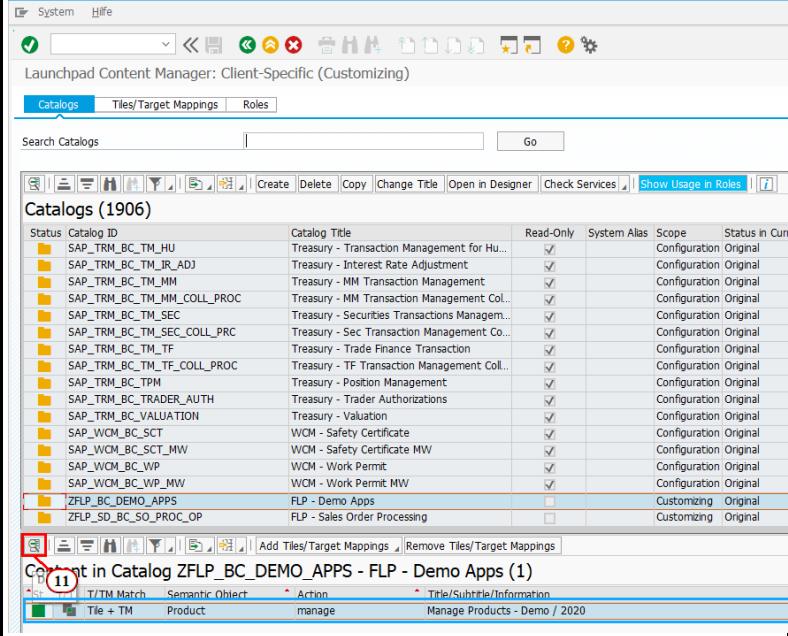
Explanation	Screenshot
<p>18. Enter the following details:</p> <ul style="list-style-type: none"> <li>• <b>Tile Title:</b>Manage Products</li> <li>• <b>Tile Subtitle:</b>SAP</li> <li>• <b>Tile Information:</b> 2021</li> <li>• <b>Tile Icon:</b> sap-icon://background</li> </ul>	
<p>19. Choose Save.</p> <p> Close the Chrome browser window to continue.</p> <p> In the next exercise you will assign the new app descriptor item to a business catalog.</p>	

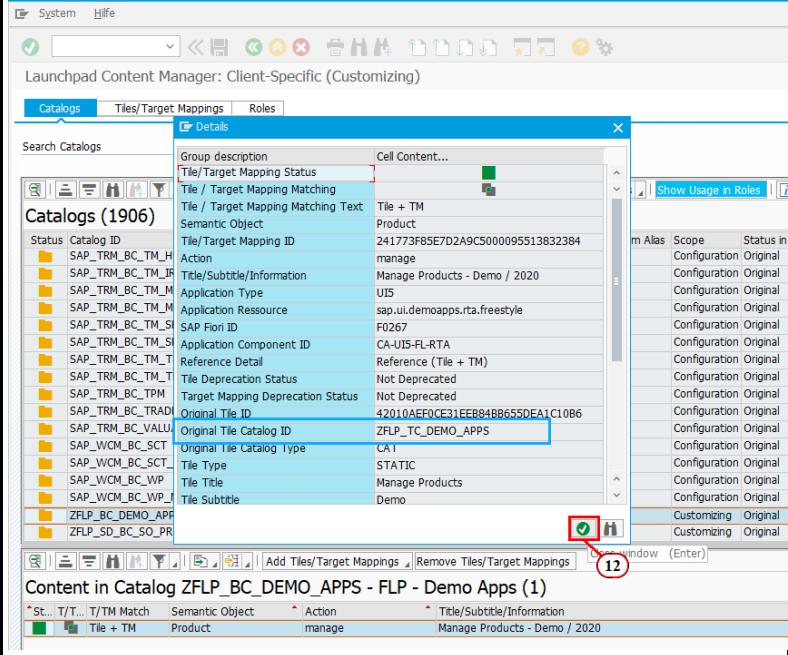
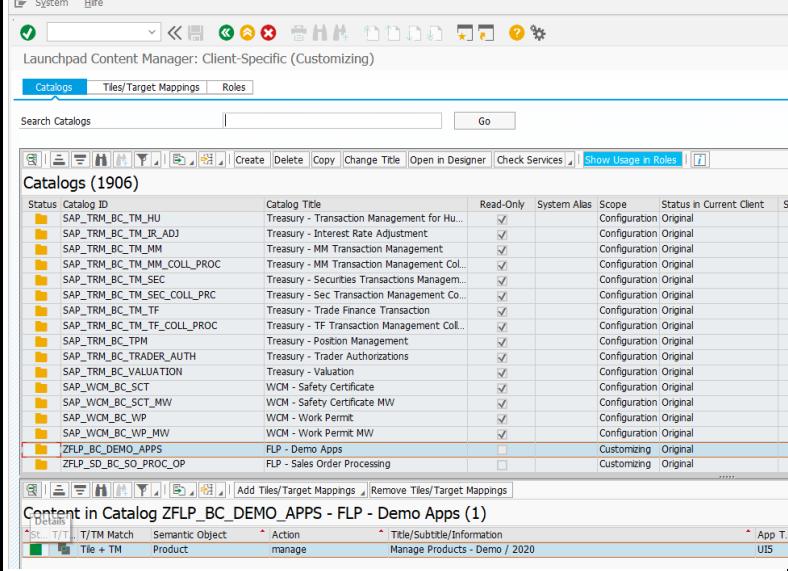
## Create a new business catalog

Explanation	Screenshot
<p> In the next steps, you will create a new custom business catalog. This will be used to assign your custom app <i>Manage Products</i> to the end user.</p> <p>1. Choose <i>SAP Fiori Launchpad Content Manager</i> with a double-click or call transaction /UI2/FLPCM_CUST.</p> <p> In general, custom business catalogs are created on the customizing layer (client-specific) as also the business roles are maintained client-specific.</p>	

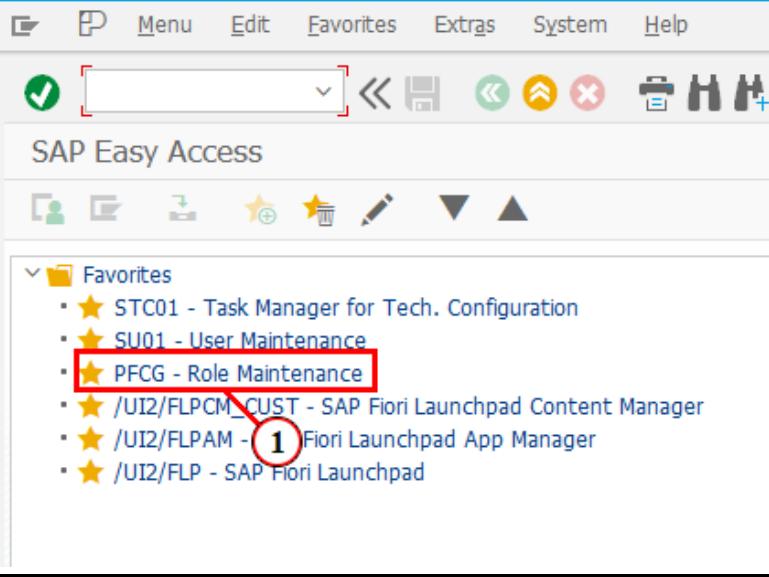
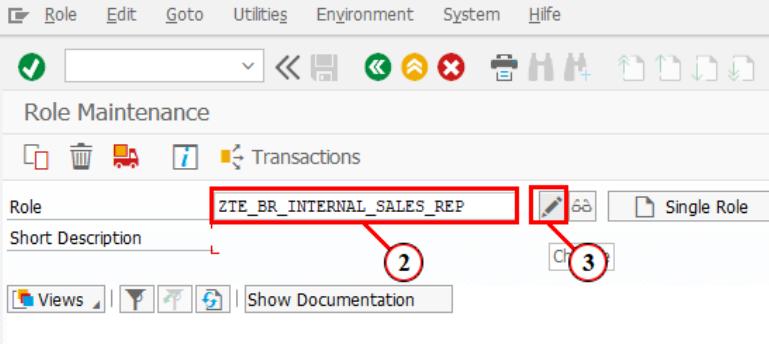
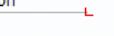
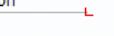
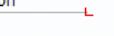
Explanation	Screenshot
<p>2. Choose <i>Create</i>.</p>	
<p>3. Enter the following catalog details:</p> <ul style="list-style-type: none"> <li>• <i>New ID:</i> <b>ZFLP_BC_DEMO_APPS</b></li> <li>• <i>New Title:</i> <b>FLP - Demo Apps</b></li> </ul> <p>4. Click .</p>	
<p>5. Click  to confirm the selected customizing request.</p>	

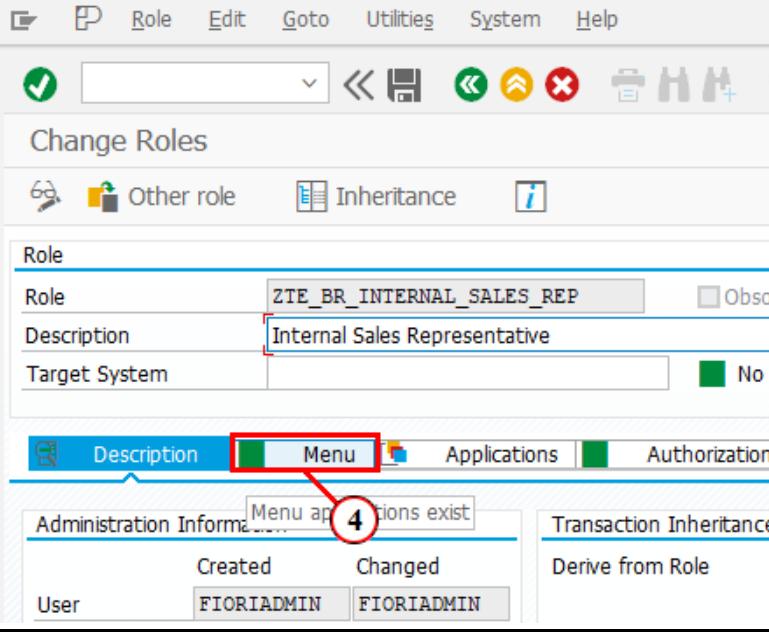
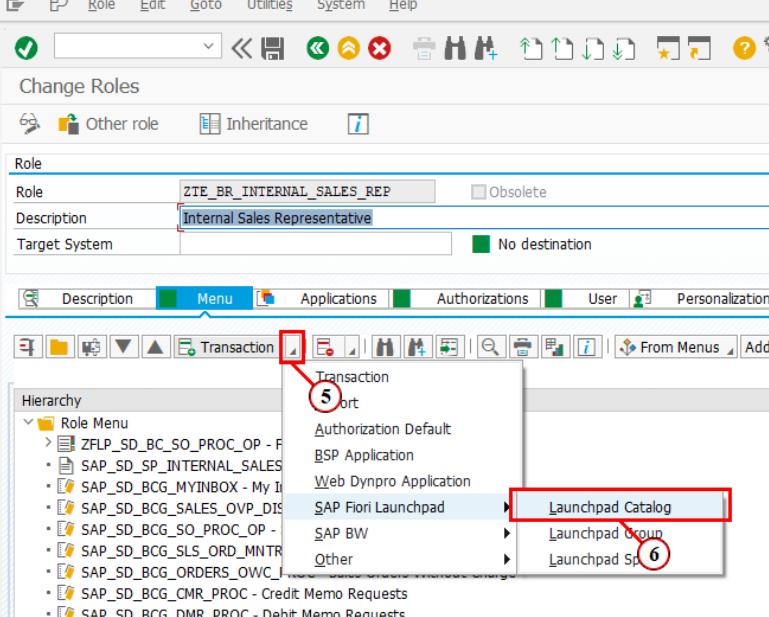
Explanation	Screenshot																																																																								
<p> The new business catalog has been created on the customizing layer.</p> <p>Now you will add a reference to the target application <i>Manage Products</i>, for which you have created an app descriptor item in the previous exercise.</p> <p> App descriptor items, which are created in the launchpad app manager, are mapped to tile/target mappings definitions in the launchpad content manager.</p> <p>6. Choose Add Tiles/TM to Selected Catalog.</p>	 <p>Catalogs (1907)</p> <table border="1"> <thead> <tr> <th>Status</th> <th>Catalog ID</th> <th>Catalog Title</th> <th>Read-Only</th> </tr> </thead> <tbody> <tr><td></td><td>SAP_TRM_BC_TM_HU</td><td>Treasury - Transaction Management for Hu...</td><td><input checked="" type="checkbox"/></td></tr> <tr><td></td><td>SAP_TRM_BC_TM_IR_ADJ</td><td>Treasury - Interest Rate Adjustment</td><td><input checked="" type="checkbox"/></td></tr> <tr><td></td><td>SAP_TRM_BC_TM_MM</td><td>Treasury - MM Transaction Management</td><td><input checked="" type="checkbox"/></td></tr> <tr><td></td><td>SAP_TRM_BC_TM_MM_COLL_PROC</td><td>Treasury - MM Transaction Management Coll...</td><td><input checked="" type="checkbox"/></td></tr> <tr><td></td><td>SAP_TRM_BC_TM_SEC</td><td>Treasury - Securities Transactions Managem...</td><td><input checked="" type="checkbox"/></td></tr> <tr><td></td><td>SAP_TRM_BC_TM_SEC_COLL_PRC</td><td>Treasury - Sec Transaction Management Coll...</td><td><input checked="" type="checkbox"/></td></tr> <tr><td></td><td>SAP_TRM_BC_TM_TF</td><td>Treasury - Trade Finance Transaction</td><td><input checked="" type="checkbox"/></td></tr> <tr><td></td><td>SAP_TRM_BC_TM_TF_COLL_PROC</td><td>Treasury - TF Transaction Management Coll...</td><td><input checked="" type="checkbox"/></td></tr> <tr><td></td><td>SAP_TRM_BC_TPM</td><td>Treasury - Position Management</td><td><input checked="" type="checkbox"/></td></tr> <tr><td></td><td>SAP_TRM_BC_TRADE_AUTH</td><td>Treasury - Trader Authorizations</td><td><input checked="" type="checkbox"/></td></tr> <tr><td></td><td>SAP_TRM_BC_VALUATION</td><td>Treasury - Valuation</td><td><input checked="" type="checkbox"/></td></tr> <tr><td></td><td>SAP_WCM_BC_SCT</td><td>WCM - Safety Certificate</td><td><input checked="" type="checkbox"/></td></tr> <tr><td></td><td>SAP_WCM_BC_SCT_MW</td><td>WCM - Safety Certificate MW</td><td><input checked="" type="checkbox"/></td></tr> <tr><td></td><td>SAP_WCM_BC_WP</td><td>WCM - Work Permit</td><td><input checked="" type="checkbox"/></td></tr> <tr><td></td><td>SAP_WCM_BC_WP_MW</td><td>WCM - Work Permit MW</td><td><input checked="" type="checkbox"/></td></tr> <tr><td></td><td>ZFLP_BC_DEMO_APPS</td><td>FLP - Demo Apps</td><td><input type="checkbox"/></td></tr> <tr><td></td><td>ZFLP_SD_BC_SO_PROC_OP</td><td>FLP - Sales Order Processing</td><td><input type="checkbox"/></td></tr> </tbody> </table> <p>Add Tiles/Target Mappings   Remove Tiles/Target Mappings Content in Catalog ZFLP_BC   Add Tiles/TMs to Selected Catalog (0) Add Selected Tiles/TMs to Other Catalog</p>	Status	Catalog ID	Catalog Title	Read-Only		SAP_TRM_BC_TM_HU	Treasury - Transaction Management for Hu...	<input checked="" type="checkbox"/>		SAP_TRM_BC_TM_IR_ADJ	Treasury - Interest Rate Adjustment	<input checked="" type="checkbox"/>		SAP_TRM_BC_TM_MM	Treasury - MM Transaction Management	<input checked="" type="checkbox"/>		SAP_TRM_BC_TM_MM_COLL_PROC	Treasury - MM Transaction Management Coll...	<input checked="" type="checkbox"/>		SAP_TRM_BC_TM_SEC	Treasury - Securities Transactions Managem...	<input checked="" type="checkbox"/>		SAP_TRM_BC_TM_SEC_COLL_PRC	Treasury - Sec Transaction Management Coll...	<input checked="" type="checkbox"/>		SAP_TRM_BC_TM_TF	Treasury - Trade Finance Transaction	<input checked="" type="checkbox"/>		SAP_TRM_BC_TM_TF_COLL_PROC	Treasury - TF Transaction Management Coll...	<input checked="" type="checkbox"/>		SAP_TRM_BC_TPM	Treasury - Position Management	<input checked="" type="checkbox"/>		SAP_TRM_BC_TRADE_AUTH	Treasury - Trader Authorizations	<input checked="" type="checkbox"/>		SAP_TRM_BC_VALUATION	Treasury - Valuation	<input checked="" type="checkbox"/>		SAP_WCM_BC_SCT	WCM - Safety Certificate	<input checked="" type="checkbox"/>		SAP_WCM_BC_SCT_MW	WCM - Safety Certificate MW	<input checked="" type="checkbox"/>		SAP_WCM_BC_WP	WCM - Work Permit	<input checked="" type="checkbox"/>		SAP_WCM_BC_WP_MW	WCM - Work Permit MW	<input checked="" type="checkbox"/>		ZFLP_BC_DEMO_APPS	FLP - Demo Apps	<input type="checkbox"/>		ZFLP_SD_BC_SO_PROC_OP	FLP - Sales Order Processing	<input type="checkbox"/>
Status	Catalog ID	Catalog Title	Read-Only																																																																						
	SAP_TRM_BC_TM_HU	Treasury - Transaction Management for Hu...	<input checked="" type="checkbox"/>																																																																						
	SAP_TRM_BC_TM_IR_ADJ	Treasury - Interest Rate Adjustment	<input checked="" type="checkbox"/>																																																																						
	SAP_TRM_BC_TM_MM	Treasury - MM Transaction Management	<input checked="" type="checkbox"/>																																																																						
	SAP_TRM_BC_TM_MM_COLL_PROC	Treasury - MM Transaction Management Coll...	<input checked="" type="checkbox"/>																																																																						
	SAP_TRM_BC_TM_SEC	Treasury - Securities Transactions Managem...	<input checked="" type="checkbox"/>																																																																						
	SAP_TRM_BC_TM_SEC_COLL_PRC	Treasury - Sec Transaction Management Coll...	<input checked="" type="checkbox"/>																																																																						
	SAP_TRM_BC_TM_TF	Treasury - Trade Finance Transaction	<input checked="" type="checkbox"/>																																																																						
	SAP_TRM_BC_TM_TF_COLL_PROC	Treasury - TF Transaction Management Coll...	<input checked="" type="checkbox"/>																																																																						
	SAP_TRM_BC_TPM	Treasury - Position Management	<input checked="" type="checkbox"/>																																																																						
	SAP_TRM_BC_TRADE_AUTH	Treasury - Trader Authorizations	<input checked="" type="checkbox"/>																																																																						
	SAP_TRM_BC_VALUATION	Treasury - Valuation	<input checked="" type="checkbox"/>																																																																						
	SAP_WCM_BC_SCT	WCM - Safety Certificate	<input checked="" type="checkbox"/>																																																																						
	SAP_WCM_BC_SCT_MW	WCM - Safety Certificate MW	<input checked="" type="checkbox"/>																																																																						
	SAP_WCM_BC_WP	WCM - Work Permit	<input checked="" type="checkbox"/>																																																																						
	SAP_WCM_BC_WP_MW	WCM - Work Permit MW	<input checked="" type="checkbox"/>																																																																						
	ZFLP_BC_DEMO_APPS	FLP - Demo Apps	<input type="checkbox"/>																																																																						
	ZFLP_SD_BC_SO_PROC_OP	FLP - Sales Order Processing	<input type="checkbox"/>																																																																						
<p>7. Enter <b>manage product</b> into the search field.</p> <p>8. Choose Go.</p>	 <p>Add Tiles/Target Mappings as References to Catalog ZFLP_BC_DEMO_APPS</p> <p>Search Tiles/Target Mappings <input type="text" value="manage product"/> Go</p> <p>Tile / Target Mapping Combinations (14902)</p>																																																																								

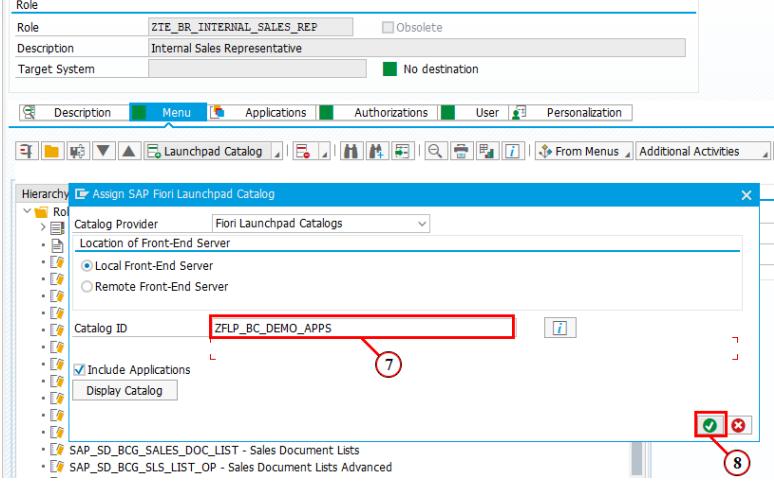
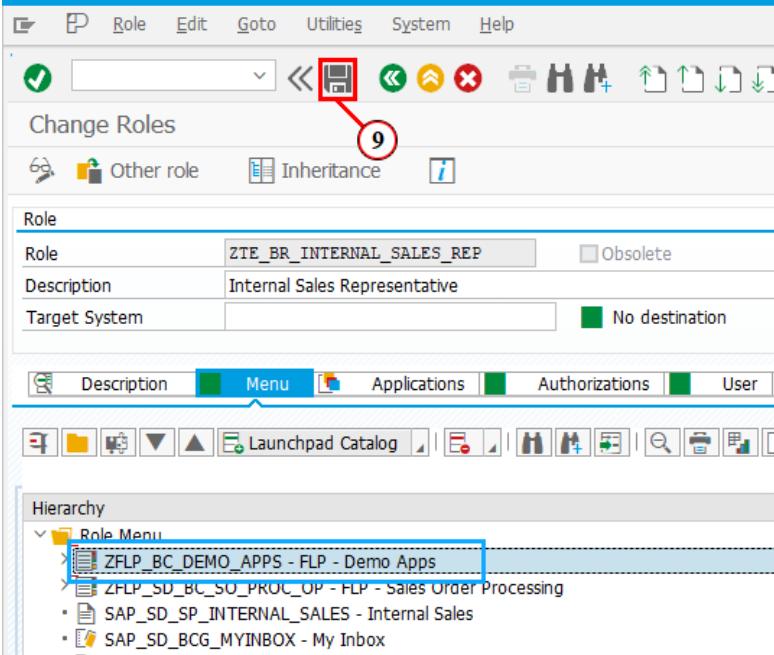
Explanation	Screenshot																																																																																																																																						
<p>9. Choose tile/target mapping combination with tile <i>Manage Products - Demo / 2020</i></p> <p>10. Choose <i>Add Tile/TM Reference</i> to add the selected tile/target mapping to the catalog.</p>	 <table border="1"> <thead> <tr> <th>St... T/T...</th> <th>T/TM Match</th> <th>Semantic Object</th> <th>Action</th> <th>Information</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/></td> <td>Tile + TM</td> <td>CustMgmtProductBundle</td> <td>manage</td> <td>Manage Product Bundles</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Tile + TM</td> <td>ManufacturingOrderItem</td> <td></td> <td>Manage Production Orders / Orders</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Tile + TM</td> <td>ManufacturingOrderOper...</td> <td></td> <td>Manage Production Operations / Operations</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Tile + TM</td> <td>ManufacturingUser</td> <td></td> <td>Manage Production Operators - Manufacturing</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>TM only</td> <td>Material</td> <td></td> <td>Manage Product Master Data</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>TM only</td> <td>MRPPProductionOrderItem</td> <td></td> <td>Manage Production Order Item</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Tile + TM</td> <td>Product</td> <td></td> <td>Manage Products - Demo / 2020</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Tile + TM</td> <td>ProductAllocationObject</td> <td>displayFactSheet</td> <td>Manage Products - SAP / 2021</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>TM only</td> <td></td> <td>manageProductAllocatio...</td> <td>Manage Product Allocation Planning Data</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Tile + TM</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	St... T/T...	T/TM Match	Semantic Object	Action	Information	<input checked="" type="checkbox"/>	Tile + TM	CustMgmtProductBundle	manage	Manage Product Bundles	<input checked="" type="checkbox"/>	Tile + TM	ManufacturingOrderItem		Manage Production Orders / Orders	<input checked="" type="checkbox"/>	Tile + TM	ManufacturingOrderOper...		Manage Production Operations / Operations	<input checked="" type="checkbox"/>	Tile + TM	ManufacturingUser		Manage Production Operators - Manufacturing	<input checked="" type="checkbox"/>	TM only	Material		Manage Product Master Data	<input checked="" type="checkbox"/>	TM only	MRPPProductionOrderItem		Manage Production Order Item	<input checked="" type="checkbox"/>	Tile + TM	Product		Manage Products - Demo / 2020	<input checked="" type="checkbox"/>	Tile + TM	ProductAllocationObject	displayFactSheet	Manage Products - SAP / 2021	<input checked="" type="checkbox"/>	TM only		manageProductAllocatio...	Manage Product Allocation Planning Data	<input checked="" type="checkbox"/>	Tile + TM																																																																																		
St... T/T...	T/TM Match	Semantic Object	Action	Information																																																																																																																																			
<input checked="" type="checkbox"/>	Tile + TM	CustMgmtProductBundle	manage	Manage Product Bundles																																																																																																																																			
<input checked="" type="checkbox"/>	Tile + TM	ManufacturingOrderItem		Manage Production Orders / Orders																																																																																																																																			
<input checked="" type="checkbox"/>	Tile + TM	ManufacturingOrderOper...		Manage Production Operations / Operations																																																																																																																																			
<input checked="" type="checkbox"/>	Tile + TM	ManufacturingUser		Manage Production Operators - Manufacturing																																																																																																																																			
<input checked="" type="checkbox"/>	TM only	Material		Manage Product Master Data																																																																																																																																			
<input checked="" type="checkbox"/>	TM only	MRPPProductionOrderItem		Manage Production Order Item																																																																																																																																			
<input checked="" type="checkbox"/>	Tile + TM	Product		Manage Products - Demo / 2020																																																																																																																																			
<input checked="" type="checkbox"/>	Tile + TM	ProductAllocationObject	displayFactSheet	Manage Products - SAP / 2021																																																																																																																																			
<input checked="" type="checkbox"/>	TM only		manageProductAllocatio...	Manage Product Allocation Planning Data																																																																																																																																			
<input checked="" type="checkbox"/>	Tile + TM																																																																																																																																						
<p> Now, the newly created business catalog contains one tile/target mapping configuration, which you have configured in the previous exercise for the custom demo app</p> <p>11. Click  to show detailed information on selected tile/target mapping.</p>	 <table border="1"> <thead> <tr> <th>Status</th> <th>Catalog ID</th> <th>Catalog Title</th> <th>Read-Only</th> <th>System Alias</th> <th>Scope</th> <th>Status in Current System</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/></td> <td>SAP_TRM_BC_TM_HU</td> <td>Treasury - Transaction Management for Hu...</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Configuration</td> <td>Original</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>SAP_TRM_BC_TM_IR_ADJ</td> <td>Treasury - Interest Rate Adjustment</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Configuration</td> <td>Original</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>SAP_TRM_BC_TM_MM</td> <td>Treasury - MM Transaction Management</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Configuration</td> <td>Original</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>SAP_TRM_BC_TM_MM_COLL_PROC</td> <td>Treasury - MM Transaction Management Coll...</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Configuration</td> <td>Original</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>SAP_TRM_BC_TM_SEC</td> <td>Treasury - Securities Transactions Managem...</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Configuration</td> <td>Original</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>SAP_TRM_BC_TM_SEC_COLL_PRC</td> <td>Treasury - Sec Transaction Management Coll...</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Configuration</td> <td>Original</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>SAP_TRM_BC_TM_TF</td> <td>Treasury - Trade Finance Transaction</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Configuration</td> <td>Original</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>SAP_TRM_BC_TM_TF_COLL_PROC</td> <td>Treasury - TF Transaction Management Coll...</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Configuration</td> <td>Original</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>SAP_TRM_BC_TPM</td> <td>Treasury - Position Management</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Configuration</td> <td>Original</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>SAP_TRM_BC_TRADE_AUTH</td> <td>Treasury - Trader Authorizations</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Configuration</td> <td>Original</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>SAP_TRM_BC_VALUATION</td> <td>Treasury - Valuation</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Configuration</td> <td>Original</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>SAP_WOM_BC_SCT</td> <td>WOM - Safety Certificate</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Configuration</td> <td>Original</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>SAP_WOM_BC_SCT_MW</td> <td>WOM - Safety Certificate MW</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Configuration</td> <td>Original</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>SAP_WOM_BC_WP</td> <td>WOM - Work Permit</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Configuration</td> <td>Original</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>SAP_WOM_BC_WP_MW</td> <td>WOM - Work Permit MW</td> <td><input checked="" type="checkbox"/></td> <td></td> <td>Configuration</td> <td>Original</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>ZFLP_BC_DEMO_APPS</td> <td>FLP - Demo Apps</td> <td><input type="checkbox"/></td> <td></td> <td>Customizing</td> <td>Original</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>ZFLP_SD_BC_SO_PROC_OP</td> <td>FLP - Sales Order Processing</td> <td><input type="checkbox"/></td> <td></td> <td>Customizing</td> <td>Original</td> </tr> </tbody> </table> <p>Current in Catalog ZFLP_BC_DEMO_APPS - FLP - Demo Apps (1)</p> <table border="1"> <thead> <tr> <th>T/TM Match</th> <th>Semantic Object</th> <th>Action</th> <th>Title/Subtitle/Information</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/></td> <td>Tile + TM</td> <td>Product</td> <td>Manage Products - Demo / 2020</td> </tr> </tbody> </table>	Status	Catalog ID	Catalog Title	Read-Only	System Alias	Scope	Status in Current System	<input checked="" type="checkbox"/>	SAP_TRM_BC_TM_HU	Treasury - Transaction Management for Hu...	<input checked="" type="checkbox"/>		Configuration	Original	<input checked="" type="checkbox"/>	SAP_TRM_BC_TM_IR_ADJ	Treasury - Interest Rate Adjustment	<input checked="" type="checkbox"/>		Configuration	Original	<input checked="" type="checkbox"/>	SAP_TRM_BC_TM_MM	Treasury - MM Transaction Management	<input checked="" type="checkbox"/>		Configuration	Original	<input checked="" type="checkbox"/>	SAP_TRM_BC_TM_MM_COLL_PROC	Treasury - MM Transaction Management Coll...	<input checked="" type="checkbox"/>		Configuration	Original	<input checked="" type="checkbox"/>	SAP_TRM_BC_TM_SEC	Treasury - Securities Transactions Managem...	<input checked="" type="checkbox"/>		Configuration	Original	<input checked="" type="checkbox"/>	SAP_TRM_BC_TM_SEC_COLL_PRC	Treasury - Sec Transaction Management Coll...	<input checked="" type="checkbox"/>		Configuration	Original	<input checked="" type="checkbox"/>	SAP_TRM_BC_TM_TF	Treasury - Trade Finance Transaction	<input checked="" type="checkbox"/>		Configuration	Original	<input checked="" type="checkbox"/>	SAP_TRM_BC_TM_TF_COLL_PROC	Treasury - TF Transaction Management Coll...	<input checked="" type="checkbox"/>		Configuration	Original	<input checked="" type="checkbox"/>	SAP_TRM_BC_TPM	Treasury - Position Management	<input checked="" type="checkbox"/>		Configuration	Original	<input checked="" type="checkbox"/>	SAP_TRM_BC_TRADE_AUTH	Treasury - Trader Authorizations	<input checked="" type="checkbox"/>		Configuration	Original	<input checked="" type="checkbox"/>	SAP_TRM_BC_VALUATION	Treasury - Valuation	<input checked="" type="checkbox"/>		Configuration	Original	<input checked="" type="checkbox"/>	SAP_WOM_BC_SCT	WOM - Safety Certificate	<input checked="" type="checkbox"/>		Configuration	Original	<input checked="" type="checkbox"/>	SAP_WOM_BC_SCT_MW	WOM - Safety Certificate MW	<input checked="" type="checkbox"/>		Configuration	Original	<input checked="" type="checkbox"/>	SAP_WOM_BC_WP	WOM - Work Permit	<input checked="" type="checkbox"/>		Configuration	Original	<input checked="" type="checkbox"/>	SAP_WOM_BC_WP_MW	WOM - Work Permit MW	<input checked="" type="checkbox"/>		Configuration	Original	<input checked="" type="checkbox"/>	ZFLP_BC_DEMO_APPS	FLP - Demo Apps	<input type="checkbox"/>		Customizing	Original	<input checked="" type="checkbox"/>	ZFLP_SD_BC_SO_PROC_OP	FLP - Sales Order Processing	<input type="checkbox"/>		Customizing	Original	T/TM Match	Semantic Object	Action	Title/Subtitle/Information	<input checked="" type="checkbox"/>	Tile + TM	Product	Manage Products - Demo / 2020
Status	Catalog ID	Catalog Title	Read-Only	System Alias	Scope	Status in Current System																																																																																																																																	
<input checked="" type="checkbox"/>	SAP_TRM_BC_TM_HU	Treasury - Transaction Management for Hu...	<input checked="" type="checkbox"/>		Configuration	Original																																																																																																																																	
<input checked="" type="checkbox"/>	SAP_TRM_BC_TM_IR_ADJ	Treasury - Interest Rate Adjustment	<input checked="" type="checkbox"/>		Configuration	Original																																																																																																																																	
<input checked="" type="checkbox"/>	SAP_TRM_BC_TM_MM	Treasury - MM Transaction Management	<input checked="" type="checkbox"/>		Configuration	Original																																																																																																																																	
<input checked="" type="checkbox"/>	SAP_TRM_BC_TM_MM_COLL_PROC	Treasury - MM Transaction Management Coll...	<input checked="" type="checkbox"/>		Configuration	Original																																																																																																																																	
<input checked="" type="checkbox"/>	SAP_TRM_BC_TM_SEC	Treasury - Securities Transactions Managem...	<input checked="" type="checkbox"/>		Configuration	Original																																																																																																																																	
<input checked="" type="checkbox"/>	SAP_TRM_BC_TM_SEC_COLL_PRC	Treasury - Sec Transaction Management Coll...	<input checked="" type="checkbox"/>		Configuration	Original																																																																																																																																	
<input checked="" type="checkbox"/>	SAP_TRM_BC_TM_TF	Treasury - Trade Finance Transaction	<input checked="" type="checkbox"/>		Configuration	Original																																																																																																																																	
<input checked="" type="checkbox"/>	SAP_TRM_BC_TM_TF_COLL_PROC	Treasury - TF Transaction Management Coll...	<input checked="" type="checkbox"/>		Configuration	Original																																																																																																																																	
<input checked="" type="checkbox"/>	SAP_TRM_BC_TPM	Treasury - Position Management	<input checked="" type="checkbox"/>		Configuration	Original																																																																																																																																	
<input checked="" type="checkbox"/>	SAP_TRM_BC_TRADE_AUTH	Treasury - Trader Authorizations	<input checked="" type="checkbox"/>		Configuration	Original																																																																																																																																	
<input checked="" type="checkbox"/>	SAP_TRM_BC_VALUATION	Treasury - Valuation	<input checked="" type="checkbox"/>		Configuration	Original																																																																																																																																	
<input checked="" type="checkbox"/>	SAP_WOM_BC_SCT	WOM - Safety Certificate	<input checked="" type="checkbox"/>		Configuration	Original																																																																																																																																	
<input checked="" type="checkbox"/>	SAP_WOM_BC_SCT_MW	WOM - Safety Certificate MW	<input checked="" type="checkbox"/>		Configuration	Original																																																																																																																																	
<input checked="" type="checkbox"/>	SAP_WOM_BC_WP	WOM - Work Permit	<input checked="" type="checkbox"/>		Configuration	Original																																																																																																																																	
<input checked="" type="checkbox"/>	SAP_WOM_BC_WP_MW	WOM - Work Permit MW	<input checked="" type="checkbox"/>		Configuration	Original																																																																																																																																	
<input checked="" type="checkbox"/>	ZFLP_BC_DEMO_APPS	FLP - Demo Apps	<input type="checkbox"/>		Customizing	Original																																																																																																																																	
<input checked="" type="checkbox"/>	ZFLP_SD_BC_SO_PROC_OP	FLP - Sales Order Processing	<input type="checkbox"/>		Customizing	Original																																																																																																																																	
T/TM Match	Semantic Object	Action	Title/Subtitle/Information																																																																																																																																				
<input checked="" type="checkbox"/>	Tile + TM	Product	Manage Products - Demo / 2020																																																																																																																																				

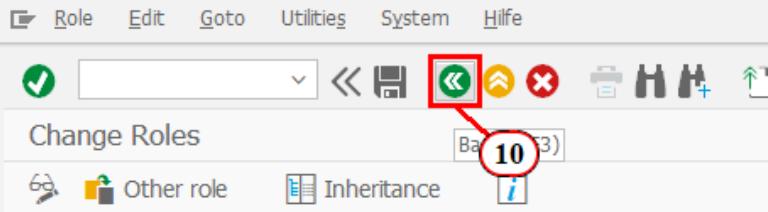
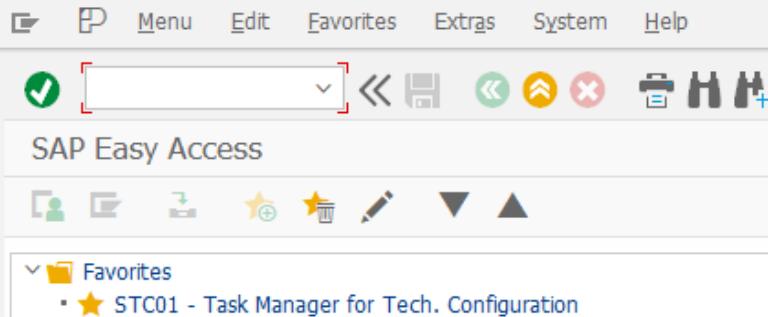
Explanation	Screenshot
<p></p> <p>On the <i>Details</i> dialog you can find all details on the selected tile/target mapping configuration. For example you can see, that the original tile/target mapping configuration is part of the technical catalog <b>ZFLP_TC_DEMO_APPS</b>, which you have created in one of the previous exercises in the SAP Fiori launchpad app manager.</p> <p>12. Click  to close the <i>Details</i> screen.</p>	
<p></p> <p>In the next exercise you will assign the custom business catalog <b>ZFLP_BC_DEMO_APPS</b> to the test role <b>(ZTE_BR_INTERNAL_SALES_REP)</b> to make the custom demo app available for the end user.</p>	

## Assign the business catalog to a user

Explanation	Screenshot															
<p>1. Choose <b>PFCG - Role Maintenance</b> with a double-click or call transaction <b>PFCG</b>.</p>	 <p>SAP Easy Access</p> <p>Favorites</p> <ul style="list-style-type: none"> <li>STC01 - Task Manager for Tech. Configuration</li> <li>SU01 - User Maintenance</li> <li><b>PFCG - Role Maintenance</b> (highlighted)</li> <li>/UI2/FLPCM_CUST - SAP Fiori Launchpad Content Manager</li> <li>/UI2/FLPAM - Fiori Launchpad App Manager</li> <li>/UI2/FLP - SAP Fiori Launchpad</li> </ul>															
<p>2. Enter <i>Role:</i> ZTE_BR_INTERNAL_SALES_REP.</p> <p>3. Choose <i>Edit</i>.</p>	 <p>Role Maintenance</p> <p>Transactions</p> <table border="1"> <tr> <td>Role</td> <td>ZTE_BR_INTERNAL_SALES_REP</td> <td></td> <td></td> <td>Single Role</td> </tr> <tr> <td>Short Description</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5"> <input type="button" value="Views"/> <input type="button" value="F"/> <input type="button" value="A"/> <input type="button" value="D"/> <input type="button" value="Show Documentation"/> </td> </tr> </table>	Role	ZTE_BR_INTERNAL_SALES_REP			Single Role	Short Description					<input type="button" value="Views"/> <input type="button" value="F"/> <input type="button" value="A"/> <input type="button" value="D"/> <input type="button" value="Show Documentation"/>				
Role	ZTE_BR_INTERNAL_SALES_REP			Single Role												
Short Description																
<input type="button" value="Views"/> <input type="button" value="F"/> <input type="button" value="A"/> <input type="button" value="D"/> <input type="button" value="Show Documentation"/>																

Explanation	Screenshot
<p>4. Choose <i>Menu</i>.</p>	
<p>5. Click  to open the <i>Insert Node</i> drop down list.</p> <p>6. Choose <i>SAP Fiori launchpad - Launchpad Catalog</i>.</p>	

Explanation	Screenshot
<p>7. Enter <i>Catalog ID:</i> <b>ZFLP_BC_DEMO_APPS</b>. It's recommended to use the value help to identify the catalog ID.</p> <p>8. Click .</p>	
<p>9. Choose Save.</p> <p> The custom catalog FLP - Demo Apps is now added to the test role Internal Sales Representative.</p>	

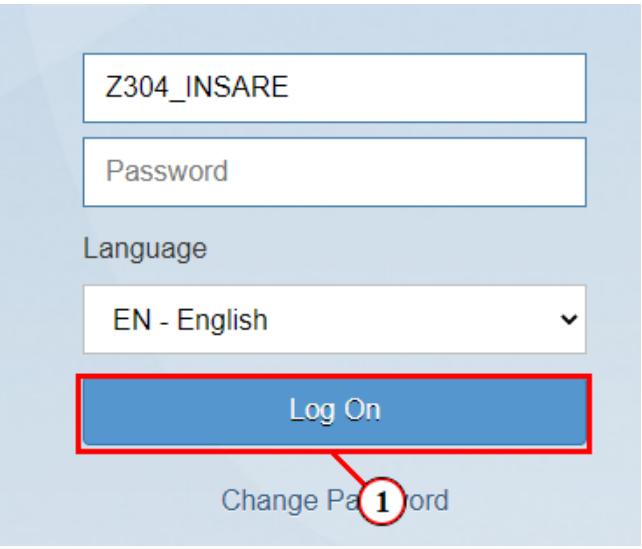
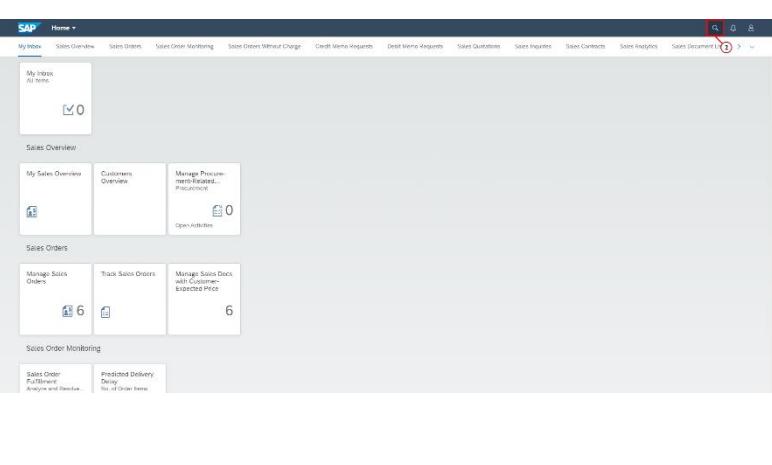
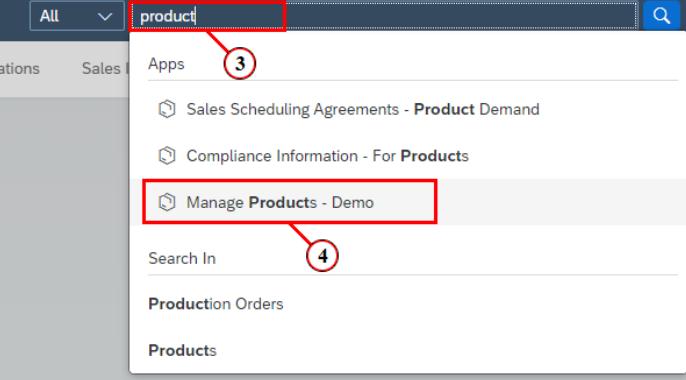
Explanation	Screenshot
<p>10. Click  twice to leave the PFCG Role Maintenance.</p>	 <p>Change Roles</p> <p>Role Role: ZTE_BR_INTERNAL_SALES REP Description: Internal Sales Representative Target System: [empty]</p>
<p> In the next exercise, you will test the availability of the custom Demo App on SAP Fiori launchpad.</p>	 <p>SAP Easy Access</p> <p>Favorites</p> <ul style="list-style-type: none"> <li>★ STC01 - Task Manager for Tech. Configuration</li> <li>★ SU01 - User Maintenance</li> <li>★ PFCG - Role Maintenance</li> <li>★ /UI2/FLPCM_CUST - SAP Fiori Launchpad Content Manager</li> <li>★ /UI2/FLPAM - SAP Fiori Launchpad App Manager</li> <li>★ /UI2/FLP - SAP Fiori Launchpad</li> </ul>

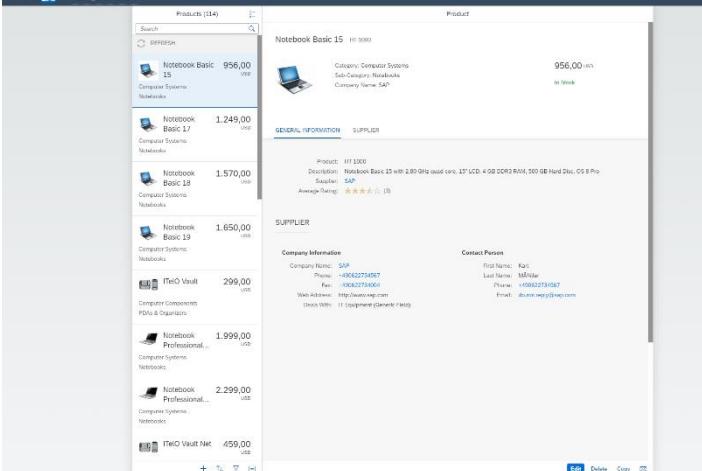
## Test custom content in SAP Fiori launchpad

In the previous exercises you have defined an app descriptor item for the demo app *Manage Product* in the SAP Fiori launchpad app manager and added a tile/target mapping combination as reference to the business catalog *ZFLP\_BC\_DEMO\_APPS* in the launchpad content manager.

By assigning the business catalog to the role *ZTE\_BR\_INTERNAL\_SALES REP*, the end user with this role can now use the app.

In this exercise you will test the availability of the app as end user in the SAP Fiori launchpad.

Explanation	Screenshot
<p>👉 You have started the SAP Fiori launchpad in a new Chrome browser window using the <i>SAP Fiori launchpad</i> link on the Welcome Page.</p> <p>As an end user, you now will test the activated custom content in the role of an internal sales representative.</p> <p>1. Log in with the test user, e.g. <b>Z304_INSARE</b> and password <b>Welcome1</b>. Keep English as language.</p>	
<p> ⓘ The custom app <i>Manage Products</i> is <b>not</b> visible on the launchpad home page, because only the respective business catalog was assigned to the user, but the app was not added to a tile group.</p> <p>To access the app, you can use the search field, the navigation menu or the app finder.</p> <p>🔍 2. Click  in the top right corner of the screen to open the search field.</p>	
<p>3. Enter <b>product</b> in the search field.</p> <p>4. Choose app <i>Manage Products - Demo</i>.</p>	

Explanation	Screenshot
<p> At the end of this exercise, you have successfully created your custom content including an original app descriptor item for a demo app in a technical catalog and a business catalog referencing this original. Via a PFCG role the business catalog has been assigned to the user, who can then access the app using the launchpad search, the app finder or the navigation menu.</p> <p>In the next exercise you will learn how to structure the launchpad home page using spaces and pages.</p> <p> Close your browser window to be ready for the next exercise.</p>	

## Summary

You have completed the exercise!

You are now able to:

- Launch SAP Fiori launchpad app manager on the configuration layer.
- Create a new app descriptor item in a technical catalog
- Create a business catalog with references to a tile/target mapping
- Add a catalog in PFCG role menu
- Search and launch an app via the SAP Fiori launchpad search

# MANAGE AND USE LAUNCHPAD SPACES AND PAGES

## Overview

Estimated time: 20 minutes

### Objective

As a content administrator I want to structure the content of the SAP Fiori launchpad and define the layout for the end users. So far, only groups could be used to bundle tiles and links and structure the content on the home page. With the new SAP Fiori 3 spaces concept, you have more options to structure the launchpad layout - e.g. with an additional hierarchy level.

There are also new design time tools, which allow to define the page layout in a fast and easy way: the Manage Launchpad Spaces and the Manage Launchpad Pages apps.

If configured by the administrator, the end user can switch between the classic home page layout with groups and the spaces layout in the launchpad user settings. In addition, the end users can personalize the pages according to the way they work.

*For more information, see [Managing Launchpad Spaces and Pages](#).*

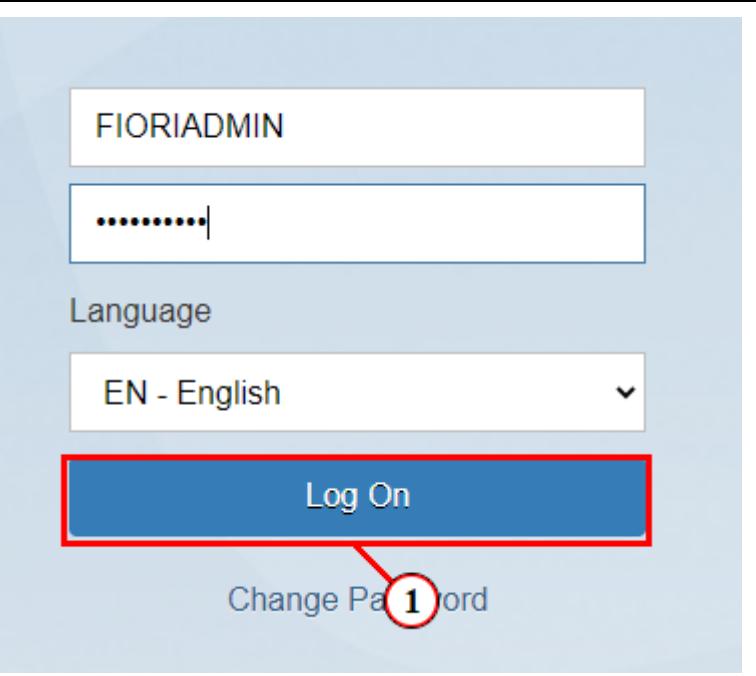
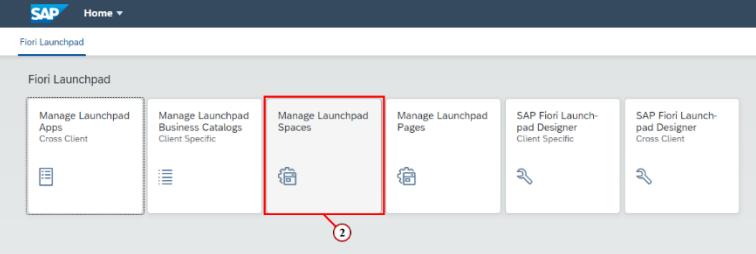
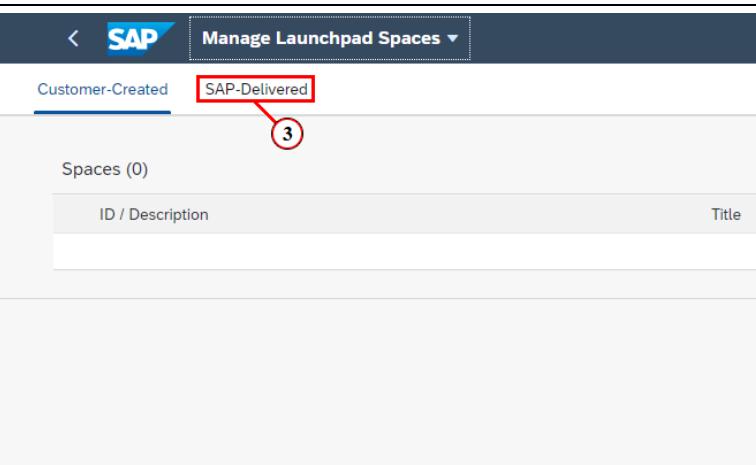
### Exercise Description

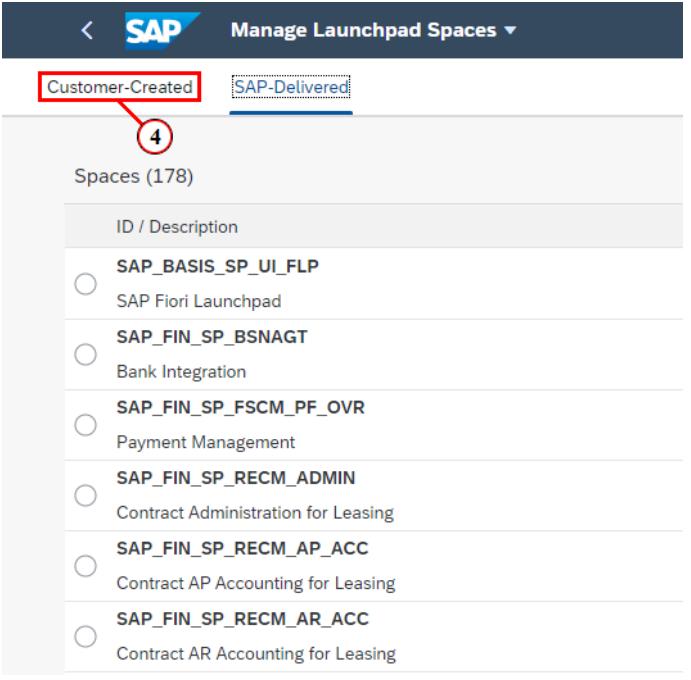
In the following exercise you will learn how to create spaces and pages as administrator and how to use them as end user.

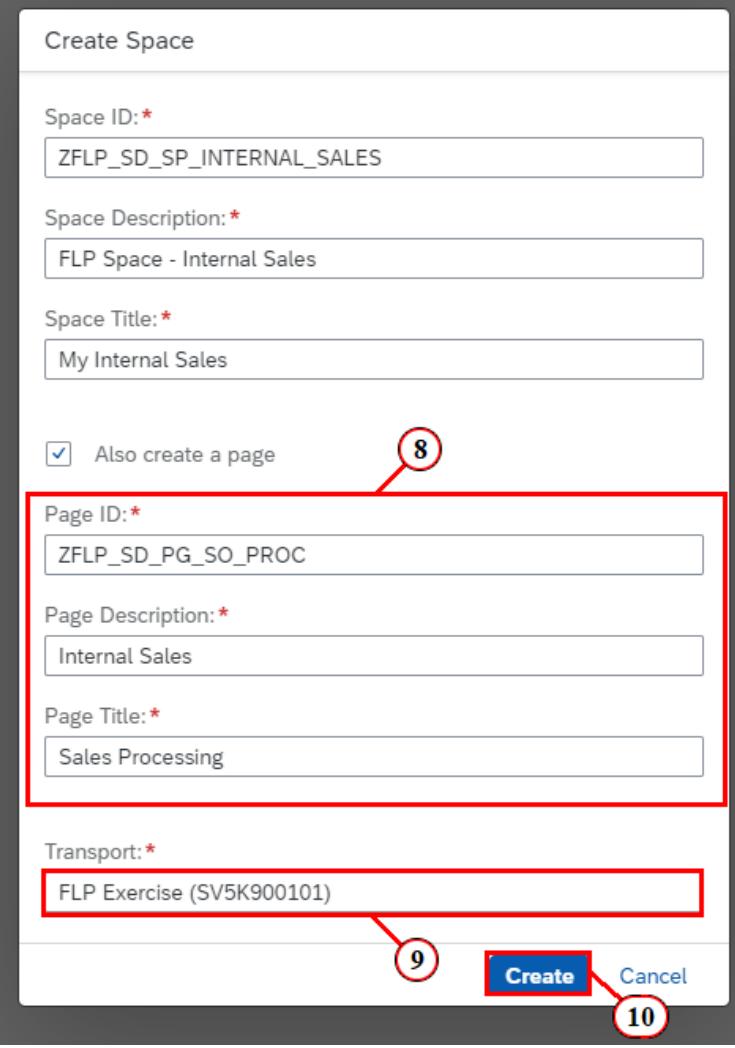
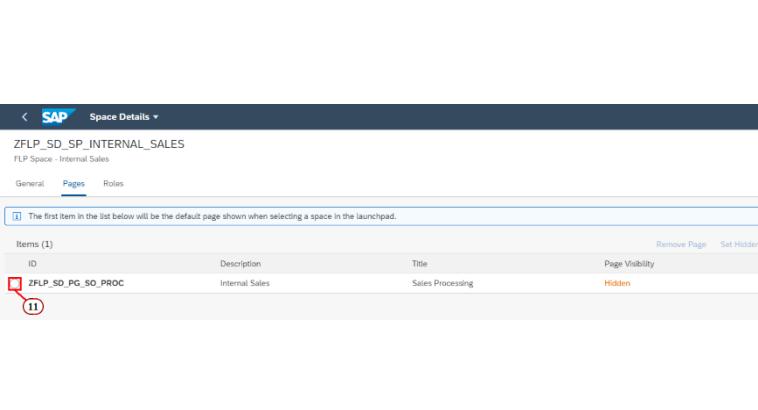
During this exercise you perform the following actions:

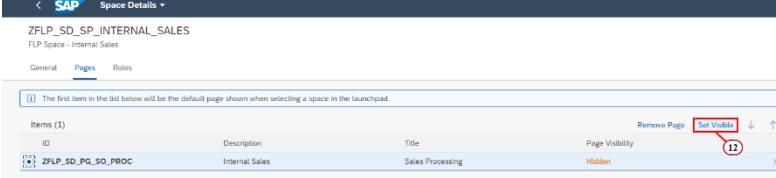
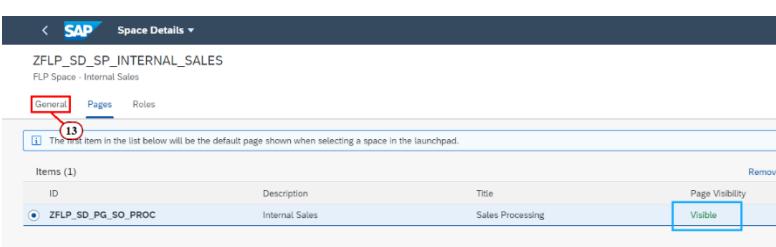
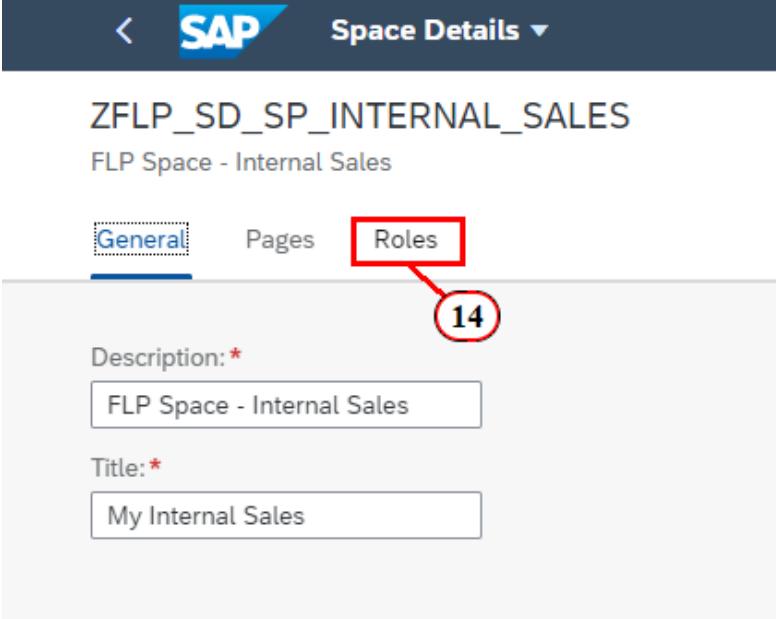
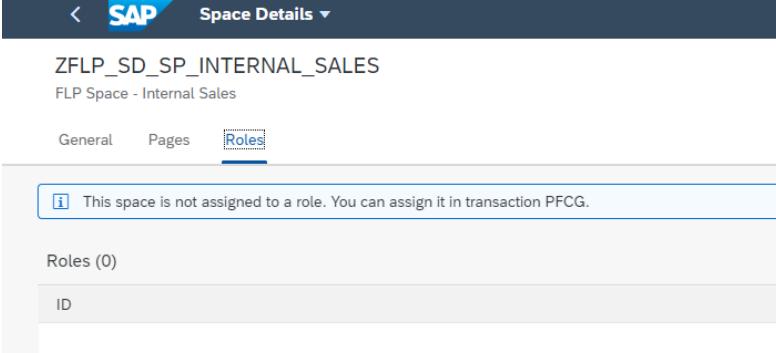
- *Create a space with the Manage Launchpad Spaces app*
- *Create a page with the Manage Launchpad Pages app*
- *Assign a space to a PFCG role*
- *Switch to the spaces mode in the launchpad user settings*
- *Personalize a page.*

## Create a new space

Explanation	Screenshot
<p>👉 You have started the SAP Fiori launchpad in a new browser window by clicking the <i>SAP Fiori launchpad</i> link on the Welcome Page.</p> <p>ℹ️ As administrator, you will use the <i>Manage Launchpad Spaces</i> and <i>Manage Launchpad Pages</i> apps to define the layout and content structure, which is visible for the end users on the SAP Fiori launchpad.</p> <p>1. Log in as administrator <b>FIORIADMIN</b> and password <b>Welcome1</b>. Keep English as language.</p>	
<p>2. Choose <i>Manage Launchpad Spaces</i>.</p> <p>💡 For more information on this app, see <a href="#">Manage Launchpad Spaces</a>.</p>	
<p>ℹ️ The <i>Manage Launchpad Spaces</i> app allows to maintain customer spaces. You also get the list of available spaces which are delivered by SAP as part of the SAP Fiori content.</p> <p>3. Choose <i>SAP-Delivered</i> to show the list of spaces which are delivered by SAP.</p>	

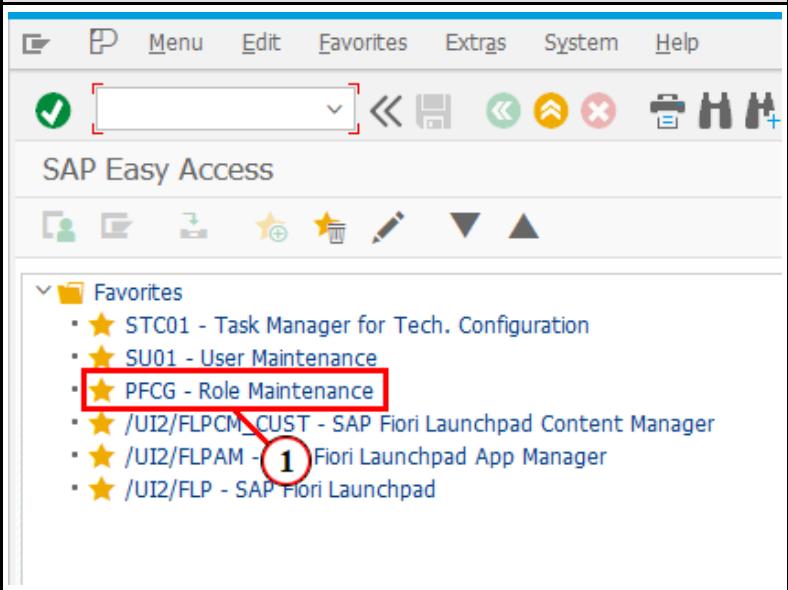
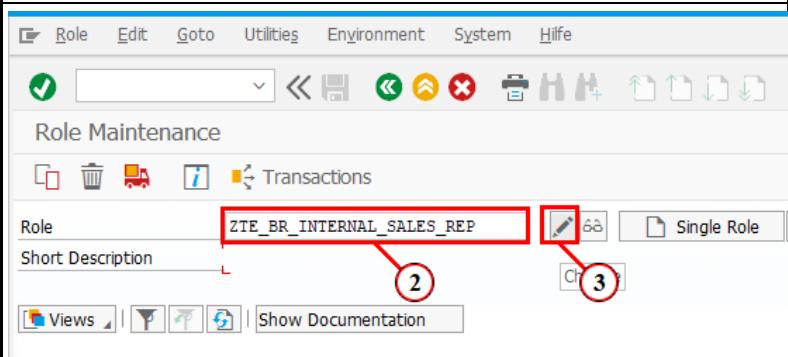
Explanation	Screenshot
<p> These SAP-delivered spaces can be used for testing and demo purposes. They allow to get an impression how SAP envisions the spaces and pages for the various business roles.</p> <p>In the next steps, you will create a new customer space.</p> <p>4. Choose Customer-Created.</p>	 <p>The screenshot shows the 'Manage Launchpad Spaces' screen. At the top, there are two tabs: 'Customer-Created' (which is highlighted with a red box and circled in red) and 'SAP-Delivered'. Below the tabs, it says 'Spaces (178)'. Underneath, there's a table with columns for 'ID / Description' and 'Title'. The first few rows show:</p> <ul style="list-style-type: none"> <li>SAP_BASIS_SP_UI_FLP (SAP Fiori Launchpad)</li> <li>SAP_FIN_SP_BSNAGT (Bank Integration)</li> <li>SAP_FIN_SP_FSCM_PF_OVR (Payment Management)</li> <li>SAP_FIN_SP_RECM_ADMIN (Contract Administration for Leasing)</li> <li>SAP_FIN_SP_RECM_AP_ACC (Contract AP Accounting for Leasing)</li> <li>SAP_FIN_SP_RECM_AR_ACC (Contract AR Accounting for Leasing)</li> </ul>
<p>5. Choose <i>Create</i>.</p>	 <p>The screenshot shows the 'Create Space' dialog box. It has three input fields: 'Space ID:' containing 'ZFLP_SD_SP_INTERNAL_SALES', 'Space Description:' containing 'FLP Space - Internal Sales', and 'Space Title:' containing 'My Internal Sales'. Below these fields is a checkbox labeled 'Also create a page' which is checked (circled in red). At the bottom right of the dialog are 'Create' and 'Cancel' buttons.</p>
<p>6. Enter the following details:</p> <ul style="list-style-type: none"> <li><b>Space ID:</b> <b>ZFLP_SD_SP_INTERNAL_SALES</b></li> <li><b>Space Description:</b> <b>FLP Space - Internal Sales</b></li> <li><b>Space Title:</b> <b>My Internal Sales</b></li> </ul> <p> The space title is the text which is displayed in the space menu on the SAP Fiori launchpad to identify a space.</p> <p> When creating a space, you directly can create a default page in addition.</p> <p>7. Select the option <i>Also create a page</i>.</p>	

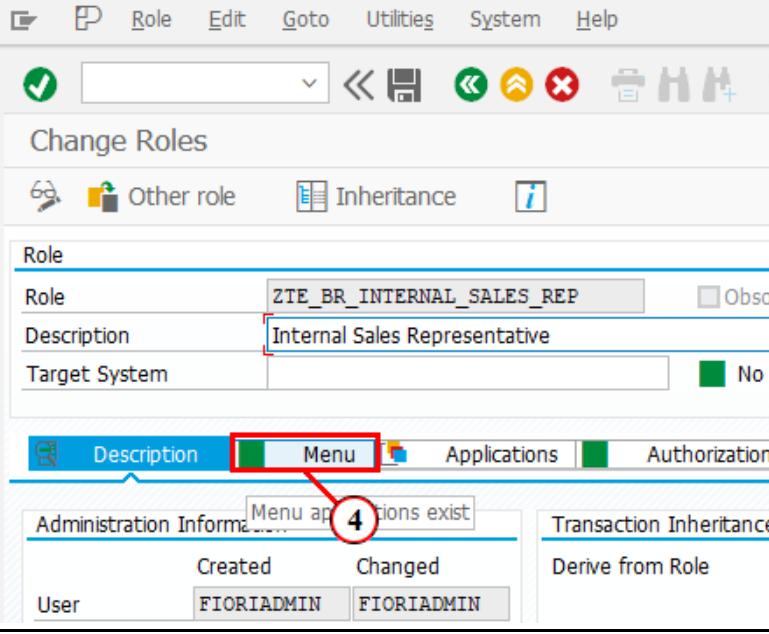
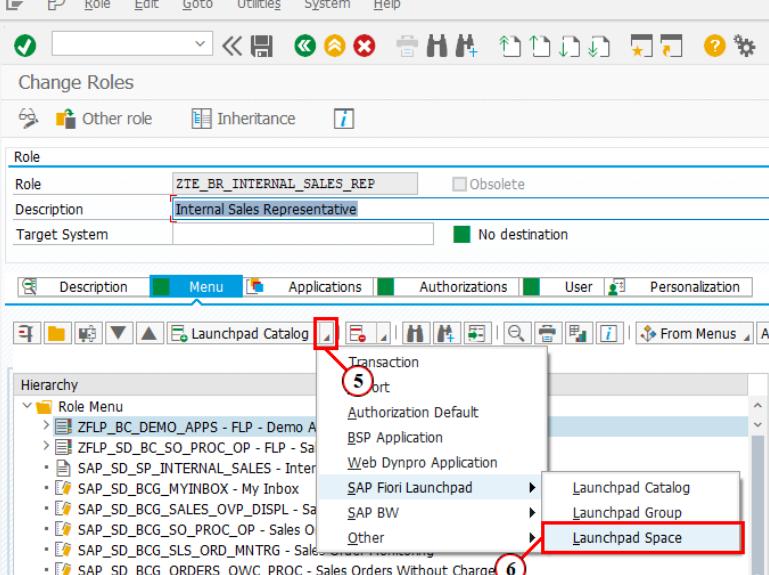
Explanation	Screenshot
<p>8. Enter the following page details:</p> <ul style="list-style-type: none"> <li>• <b>Page ID:</b> <b>ZFLP_SD_PG_SO_PROC</b></li> <li>• <b>Page Description:</b> <b>Internal Sales</b></li> <li>• <b>Page Title:</b> <b>Sales Processing</b></li> </ul> <p> The page title is the text which is displayed in the space menu on the launchpad.</p> <p>9. Choose <b>Transport: FLP Exercise</b> from the value help.</p> <p>10. Choose <b>Create</b>.</p>	 <p>The screenshot shows the 'Create Space' dialog box. It has fields for Space ID (ZFLP_SD_SP_INTERNAL_SALES), Space Description (FLP Space - Internal Sales), and Space Title (My Internal Sales). A checkbox 'Also create a page' is checked and circled with a red number 8. Below it, a red box highlights the 'Page Details' section: Page ID (ZFLP_SD_PG_SO_PROC), Page Description (Internal Sales), and Page Title (Sales Processing). Another red box highlights the 'Transport' field containing 'FLP Exercise (SV5K900101)'. At the bottom right are 'Create' and 'Cancel' buttons, with 'Create' circled with a red number 9 and 'Cancel' circled with a red number 10.</p>
<p> On the <b>Space Details</b> screen you can find all information related to a space. With the new space, you have already created one page, which is shown as list item on the <b>Pages</b> tab.</p> <p>11. Select the available page ZFLP_SD_PF_SO_PROC.</p>	 <p>The screenshot shows the 'Space Details' screen for 'ZFLP_SD_SP_INTERNAL_SALES'. The 'Pages' tab is selected, showing a table with one item: ZFLP_SD_PG_SO_PROC, Internal Sales, Sales Processing, and Hidden. The row is circled with a red number 11.</p>

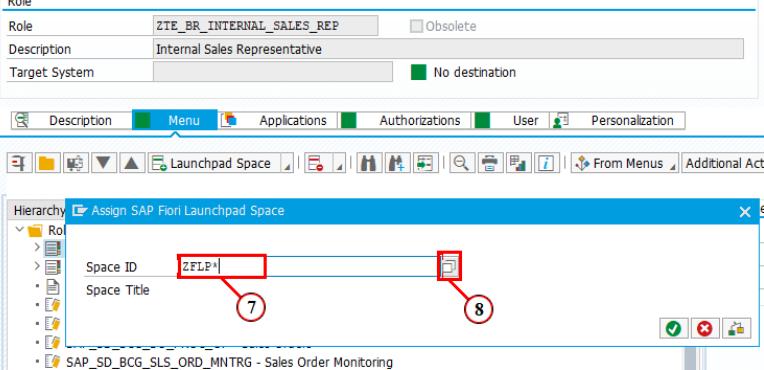
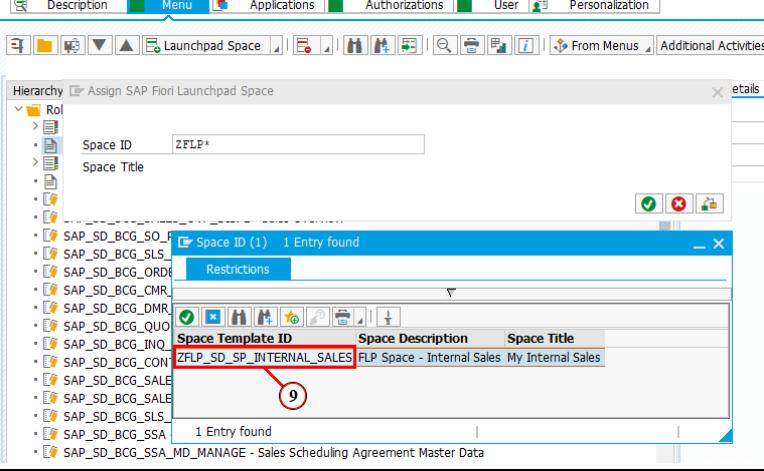
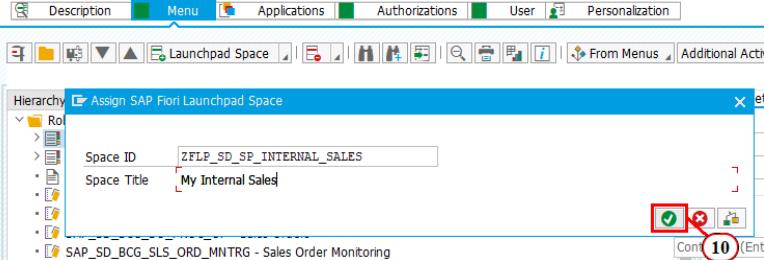
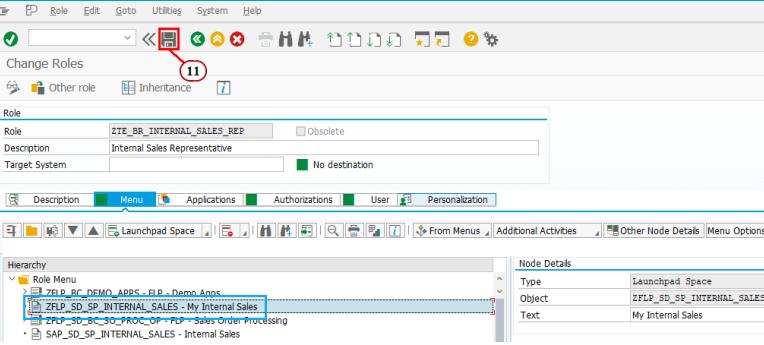
Explanation	Screenshot
<p> The page is only visible to the end users, if the property <i>Page Visibility</i> is set to <b>visible</b>.</p> <p>12. Choose Set Visible.</p>	
<p> The page is now set to <i>Visible</i> and therefore will be shown in the space menu later.</p> <p>13. Choose <i>General</i> to show the header information of the space.</p>	
<p> Here you could adjust the space title or description. Let's keep it for now.</p> <p>14. Choose <i>Roles</i> to show the roles to which the space is assigned to.</p>	
<p> Currently the space is not used in any role. In the next steps you will assign the space to the Internal Sales Representative business role.</p>	

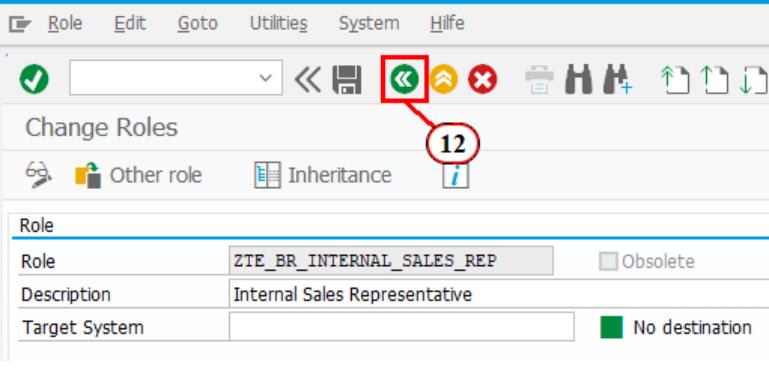
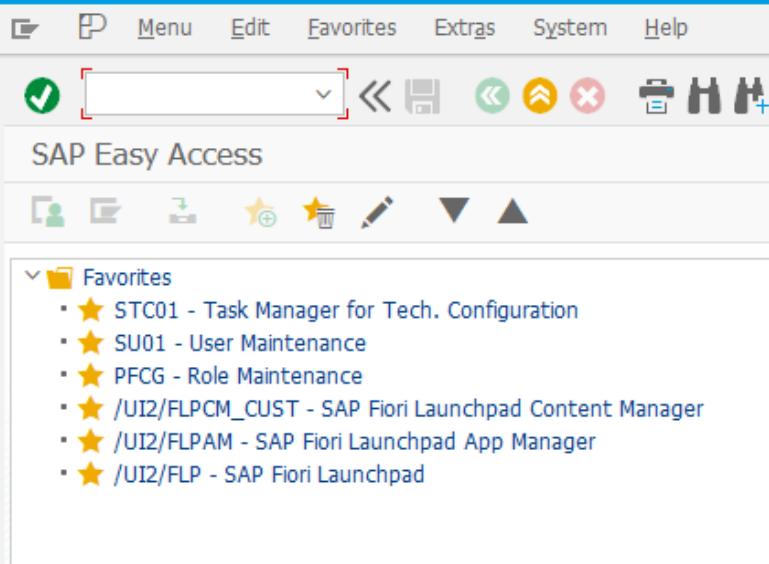
Explanation	Screenshot
<p>15. Choose Save.</p> <p> To continue with the role assignment exercise, switch back to your SAP GUI window.</p>	

## Assign the space to a role

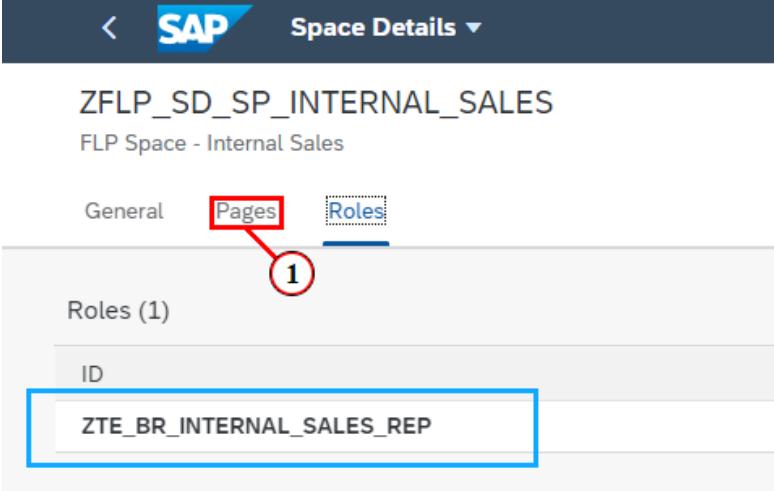
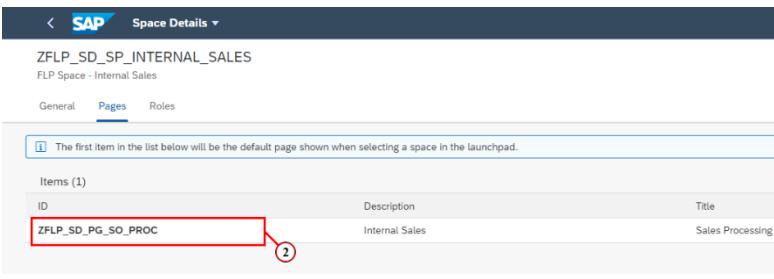
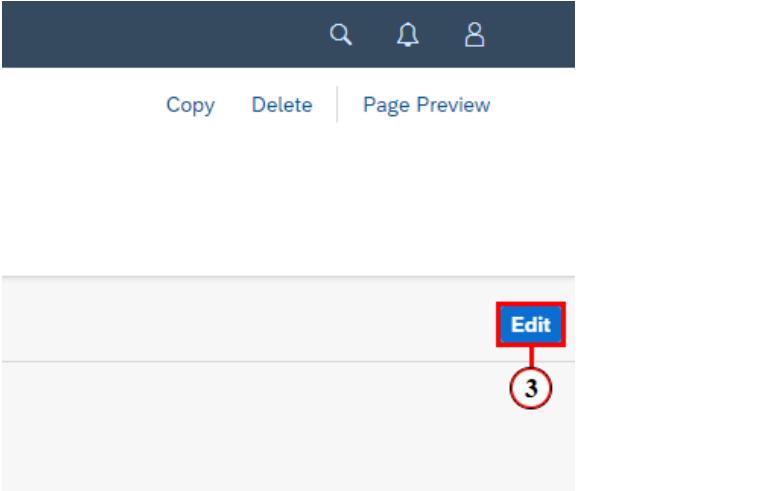
Explanation	Screenshot
<p>1. Choose <b>PFCG - Role Maintenance</b> with a double-click or call transaction <b>PFCG</b>.</p> <p> In the next steps you will assign the newly created custom space to the Internal Sales Representative business test role.</p>	
<p>2. Enter <i>Role</i>: <b>ZTE_BR_INTERNAL_SALES_REP</b>.</p> <p>3. Choose <i>Edit</i>.</p>	

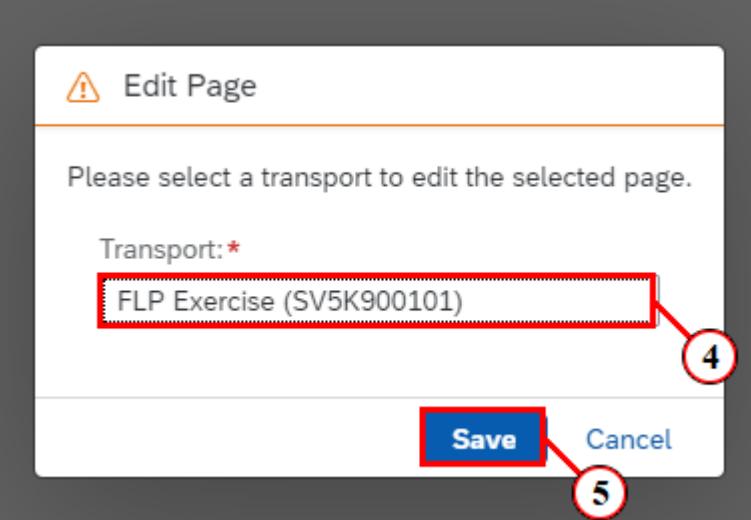
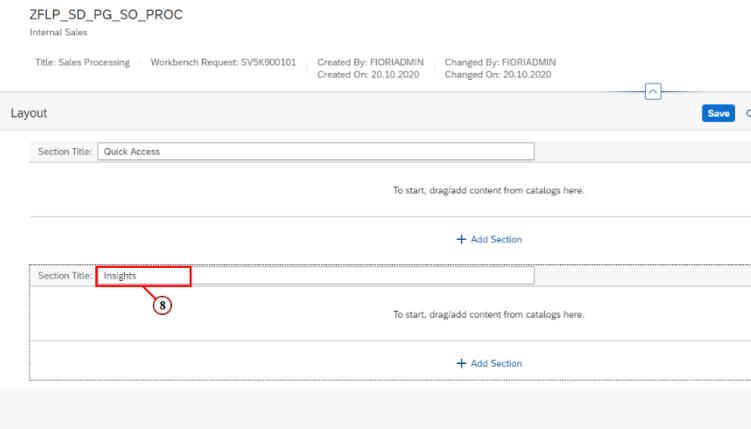
Explanation	Screenshot
<p>4. Choose <i>Menu</i>.</p>	
<p><b>Info:</b> Now you will add a new item to the role menu.</p> <p>5. Click  to open the <i>Insert Node</i> drop down list.</p> <p>6. Choose <i>SAP Fiori Launchpad - Launchpad Space</i>.</p>	

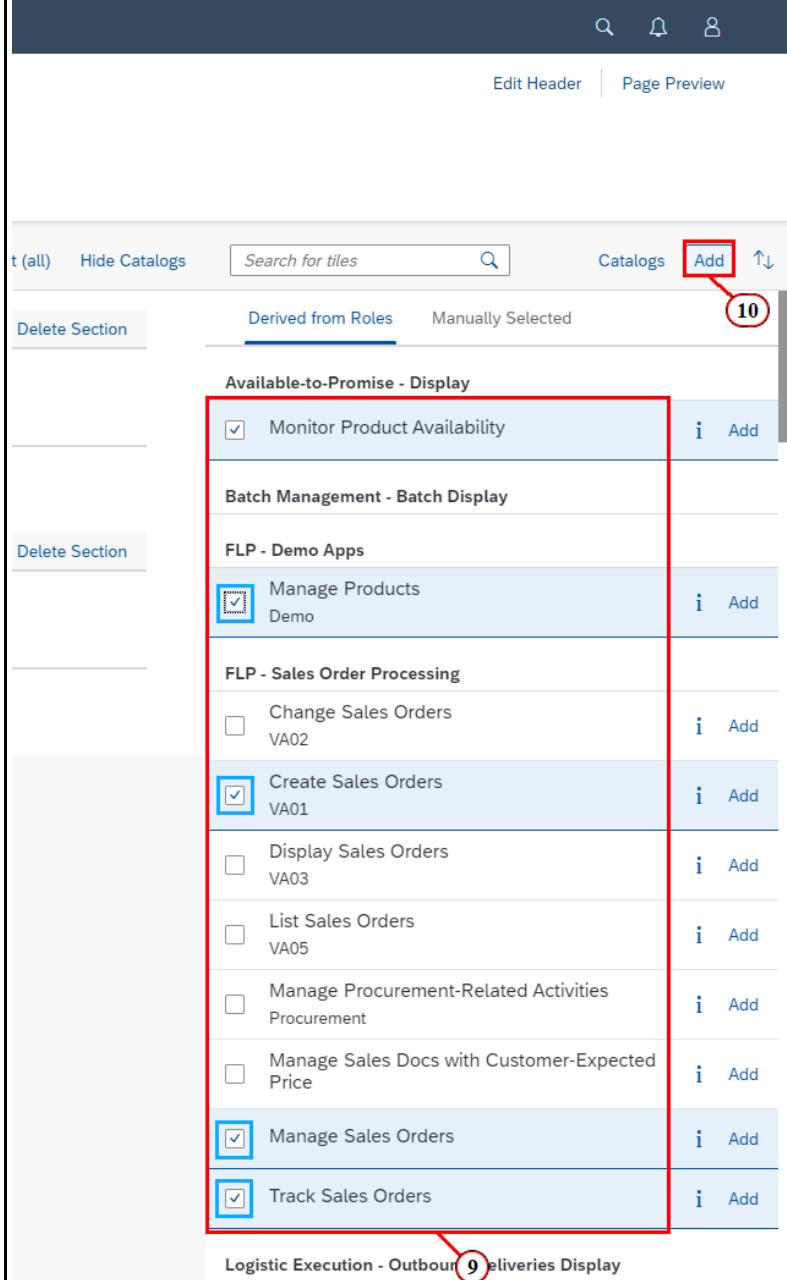
Explanation	Screenshot
<p> Now you will search for your custom space, which you want to add.</p> <p>7. Enter <b>ZFLP*</b> in the text field.</p> <p>8. Click  to open the value help.</p>	
<p>9. Choose Space ID <b>ZFLP_SD_SP_INTERNAL_SALES</b> with a double-click.</p>	
<p>10. Click  to confirm the space selection.</p>	
<p> The custom space <b>ZFLP_SD_SP_INTERNAL_SALES</b> is now assigned to the test role Internal Sales Representative.</p> <p>11. Choose Save.</p>	

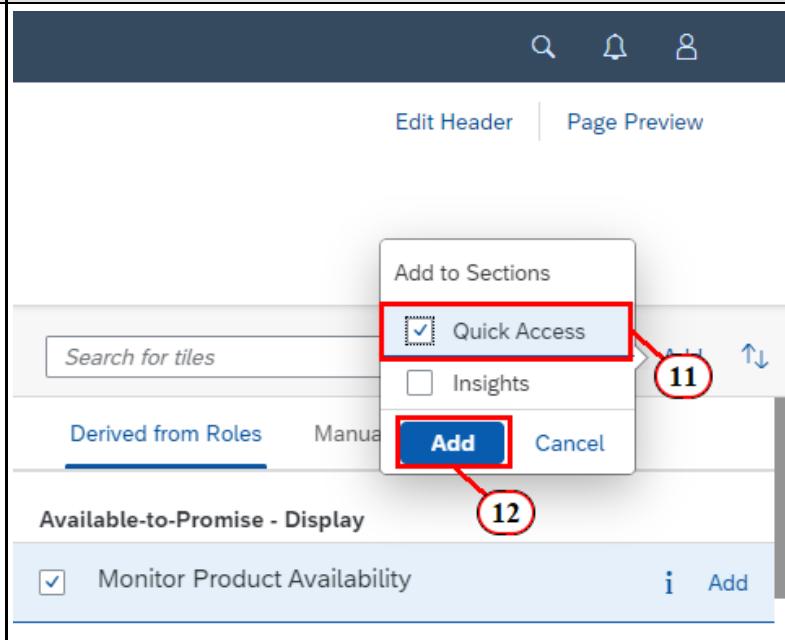
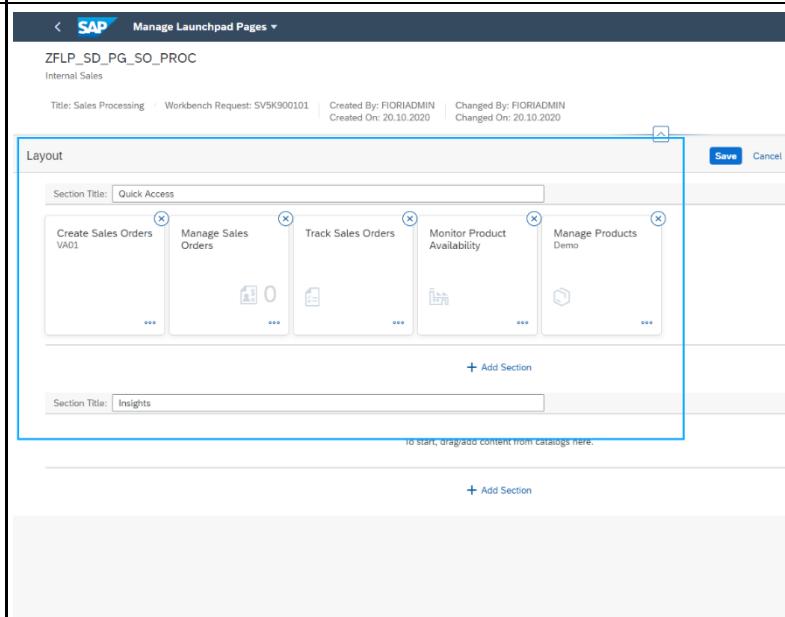
Explanation	Screenshot
<p>12. Click  twice to leave the PFCG Role Maintenance.</p>	
<p> Now you are back on the initial SAP Easy Access SAP GUI screen.</p> <p> In the next exercise you will edit the default page, which you have created for the space <i>My Internal Sales</i> in the last exercise.</p> <p>To continue, switch back to your browser window.</p>	

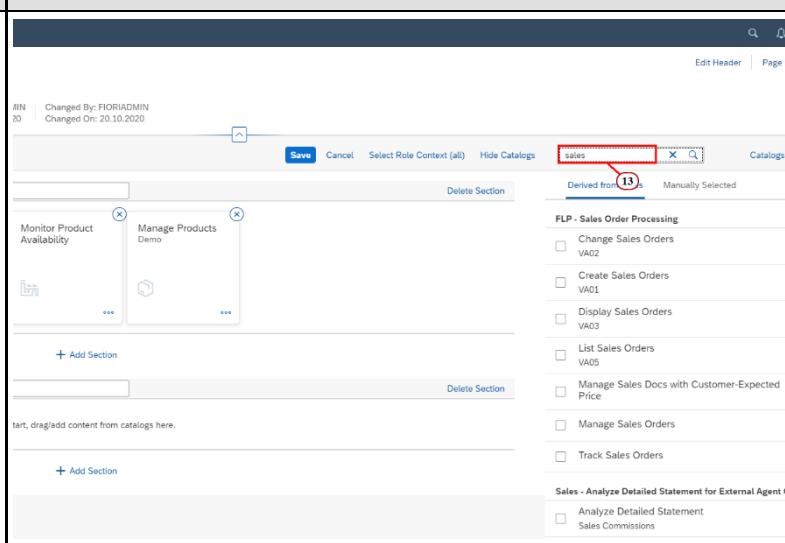
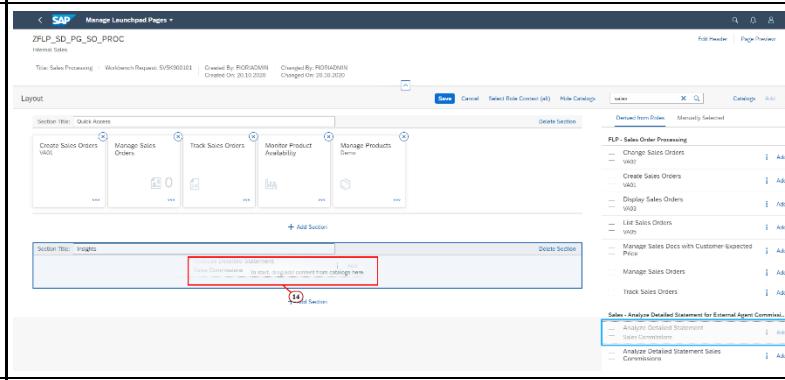
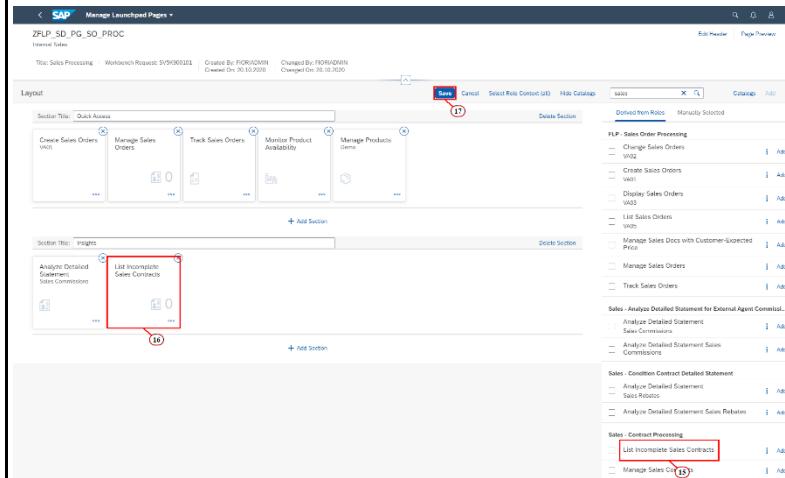
## Add content to the page

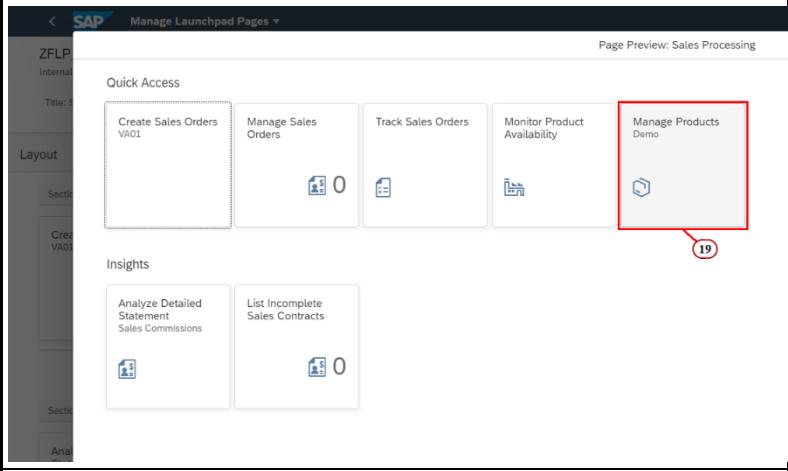
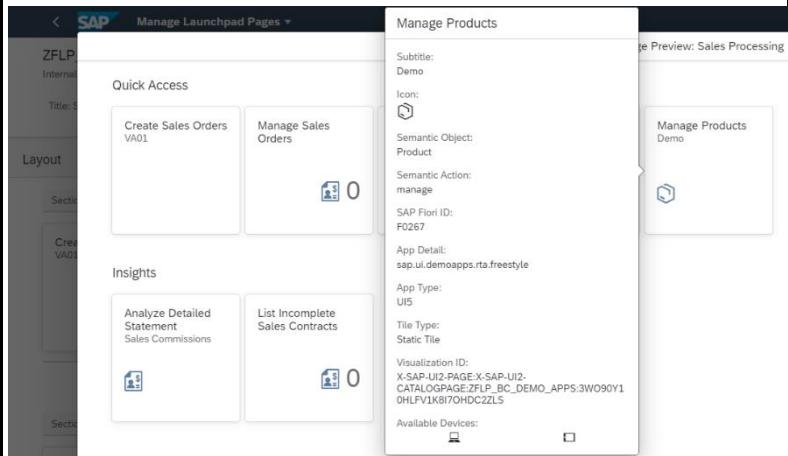
Explanation	Screenshot						
<p>👉 Refresh your browser window to update the <i>Space Details</i> within the Manage Launchpad Spaces app.</p> <p>💡 On the <i>Roles</i> tab you can see that the space is now assigned to the role <i>ZTE_BR_INTERNAL_SALES REP</i>. Remember that you have just performed this assignment in the PFCG Role Maintenance in the previous exercise.</p> <p>1. Choose tab <i>Pages</i>.</p>	 <p>ZFLP_SD_SP_INTERNAL_SALES FLP Space - Internal Sales</p> <p>General Pages Roles <span style="border: 1px solid red; padding: 2px;">1</span></p> <p>Roles (1)</p> <table border="1"> <tr> <td>ID</td> <td>ZTE_BR_INTERNAL_SALES REP</td> </tr> </table>	ID	ZTE_BR_INTERNAL_SALES REP				
ID	ZTE_BR_INTERNAL_SALES REP						
<p>💡 When you created the space, you have already created a first page, which is shown here in the list.</p> <p>2. Choose Page <i>ZFLP_SD_PG_SO_PROC</i> to show the page details.</p>	 <p>ZFLP_SD_SP_INTERNAL_SALES FLP Space - Internal Sales</p> <p>General Pages Roles</p> <p>The first item in the list below will be the default page shown when selecting a space in the launchpad.</p> <p>Items (1)</p> <table border="1"> <tr> <td>ID</td> <td>Description</td> <td>Title</td> </tr> <tr> <td>ZFLP_SD_PG_SO_PROC <span style="border: 1px solid red; padding: 2px;">2</span></td> <td>Internal Sales</td> <td>Sales Processing</td> </tr> </table>	ID	Description	Title	ZFLP_SD_PG_SO_PROC <span style="border: 1px solid red; padding: 2px;">2</span>	Internal Sales	Sales Processing
ID	Description	Title					
ZFLP_SD_PG_SO_PROC <span style="border: 1px solid red; padding: 2px;">2</span>	Internal Sales	Sales Processing					
<p>💡 So far, this page is empty. In the next steps you will define the content and layout of this page.</p> <p>3. Choose <i>Edit</i> on the top right corner of the screen.</p>	 <p>Copy Delete Page Preview</p> <p style="text-align: right;">Edit <span style="border: 1px solid red; padding: 2px;">3</span></p>						

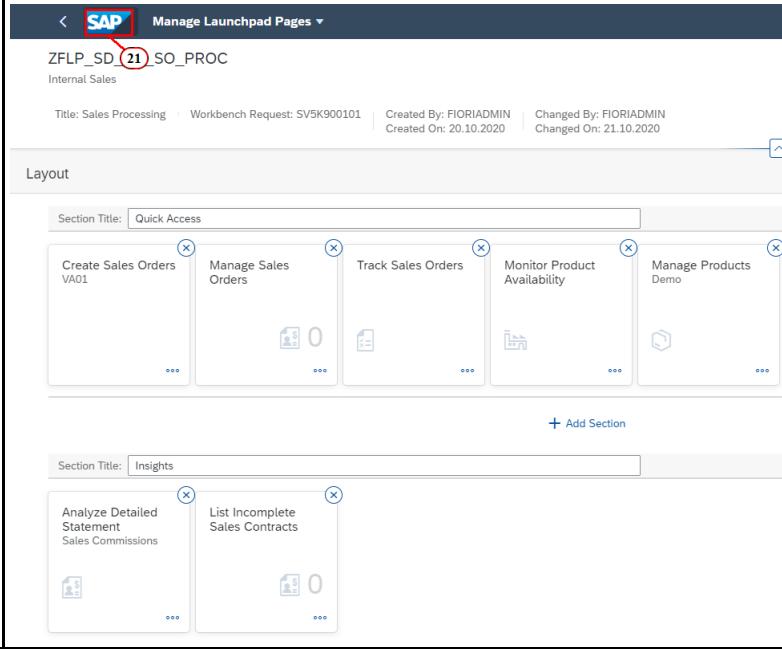
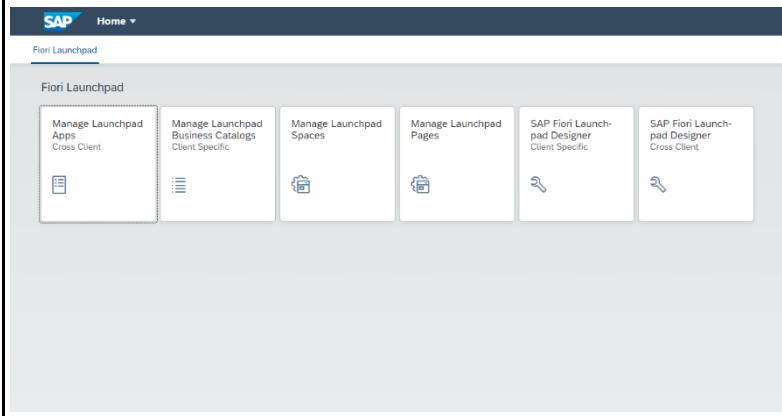
Explanation	Screenshot
<p>4. Choose an available transport, e.g. <i>FLP Exercise</i> from the value help.</p> <p>5. Choose Save.</p>	 <p>The screenshot shows an SAP Fiori Edit Page dialog. At the top is a warning icon and the title 'Edit Page'. Below that is a message: 'Please select a transport to edit the selected page.' A field labeled 'Transport:' with a red asterisk contains the value 'FLP Exercise (SV5K900101)'. A red circle with the number '4' points to this field. At the bottom are two buttons: a blue 'Save' button with a red outline and a blue 'Cancel' button.</p>
<p> Now, you will define the layout of this page by adding sections and tiles.</p> <p>6. Enter Section Title: <b>Quick Access</b>.</p> <p>7. Choose Add Section to add a second section.</p>	 <p>The screenshot shows the SAP Fiori 'Manage Launchpad Pages' interface for the page 'ZFLP_SD_PG_SO_PROC'. It displays basic metadata like title and creation details. Under the 'Layout' tab, there is a section titled 'Quick Access' (with a red circle '6' over it). Below it is a button labeled '+ Add Section' (with a red circle '7' over it).</p>
<p>8. Enter Section Title: <b>Insights</b>.</p>	 <p>The screenshot shows the same 'Manage Launchpad Pages' interface after step 8. The 'Quick Access' section remains, and a new section titled 'Insights' has been added directly below it. A red circle '8' is placed over the 'Insights' section title.</p>

Explanation	Screenshot
<p> The apps that are available on the right panel are derived from the business role, to which the corresponding space is assigned. This ensures that a page is based on a certain business scope, defined by the catalogs, which are assigned to the role.</p> <p>9. Select the following apps in this order:</p> <ul style="list-style-type: none"> <li>• <b>Create Sales Order</b></li> <li>• <b>Manage Sales Order</b></li> <li>• <b>Track Sales Order</b></li> <li>• <b>Monitor Product Availability</b></li> <li>• <b>Manage Products</b></li> </ul> <p> The order of selecting the apps defines the order of the tiles in the section. After adding the tiles, you can easily rearrange the tiles within a section and also across sections via drag and drop.</p> <p>10. Choose <i>Add</i> to add the selected apps to one of the available sections.</p>	

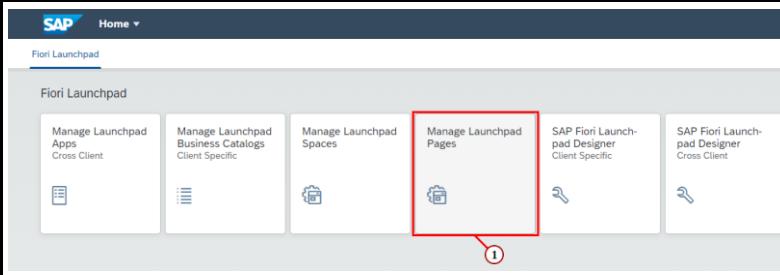
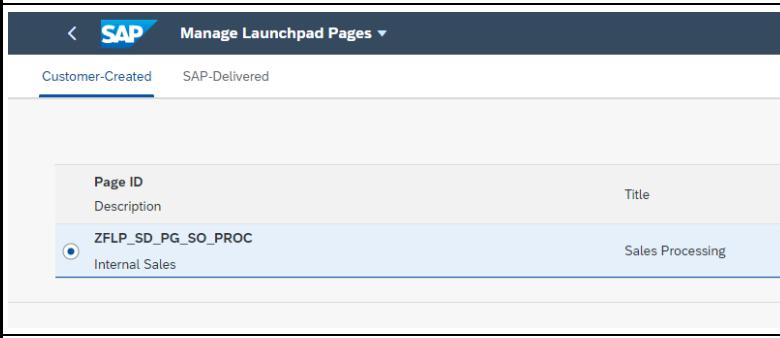
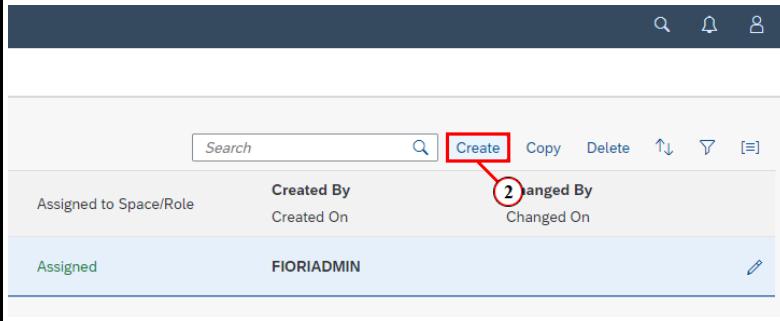
Explanation	Screenshot
<p>11. Select section <i>Quick Access</i>.</p> <p>12. Choose <i>Add</i>.</p>	 <p>The screenshot shows the SAP Fiori Launchpad interface. A modal dialog titled "Add to Sections" is open. Inside, there are two checkboxes: "Quick Access" (which is checked) and "Insights". Below the checkboxes are two buttons: "Add" (highlighted with a red box and circled with a red line) and "Cancel". The background shows the "Available-to-Promise - Display" page with a "Monitor Product Availability" tile.</p>
<p> Verify the apps in section <i>Quick Access</i>, which you have just added.</p>	 <p>The screenshot shows the "Manage Launchpad Pages" screen. Under the "Layout" tab, there are two sections: "Quick Access" and "Insights". The "Quick Access" section contains five tiles: "Create Sales Orders", "Manage Sales Orders", "Track Sales Orders", "Monitor Product Availability", and "Manage Products Demo". The "Insights" section is currently empty. There are "Save" and "Cancel" buttons at the top right of the layout area.</p>

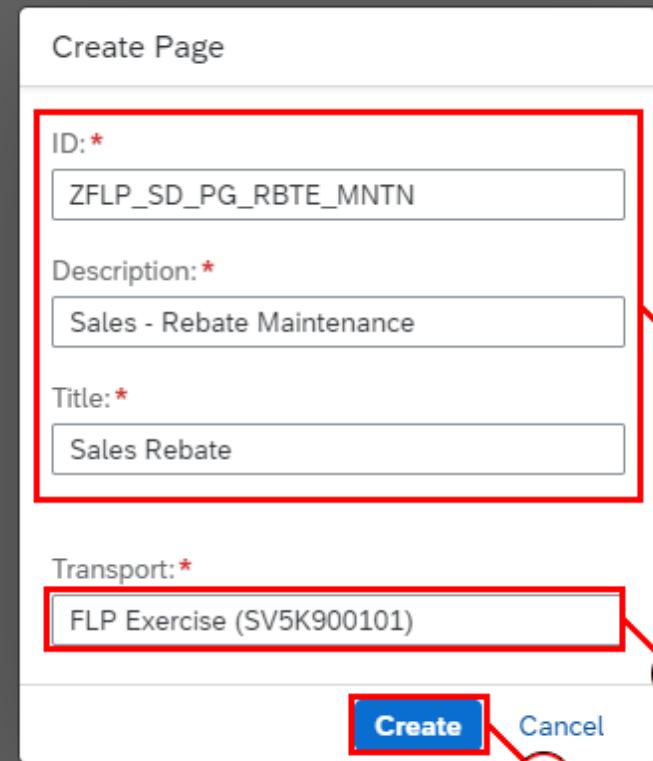
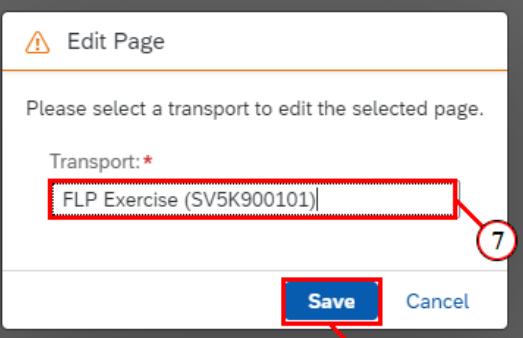
Explanation	Screenshot
<p> Now you will add further apps which are related to sales to the second section <i>Insights</i>.</p> <p>13. Enter <b>sales</b> in the search field and press ENTER or choose the search icon.</p>	
<p>14. Drag and drop the app <i>Analyze Detailed Statement</i> to section <i>Insights</i>.</p>	
<p>15. Drag the app <i>List Incomplete Sales Contracts</i>.</p> <p>16. Drop it on section <i>Insights</i>.</p> <p>17. Choose Save.</p>	

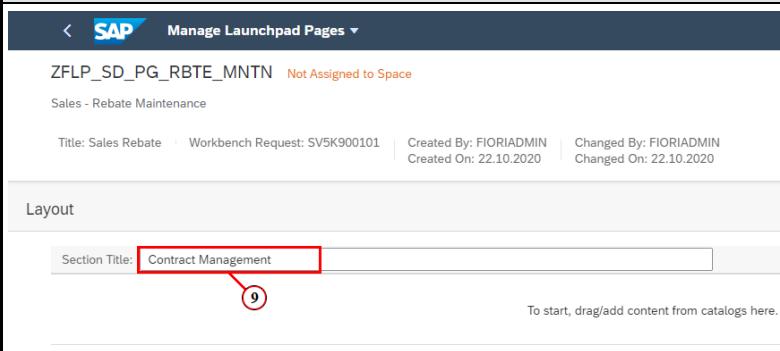
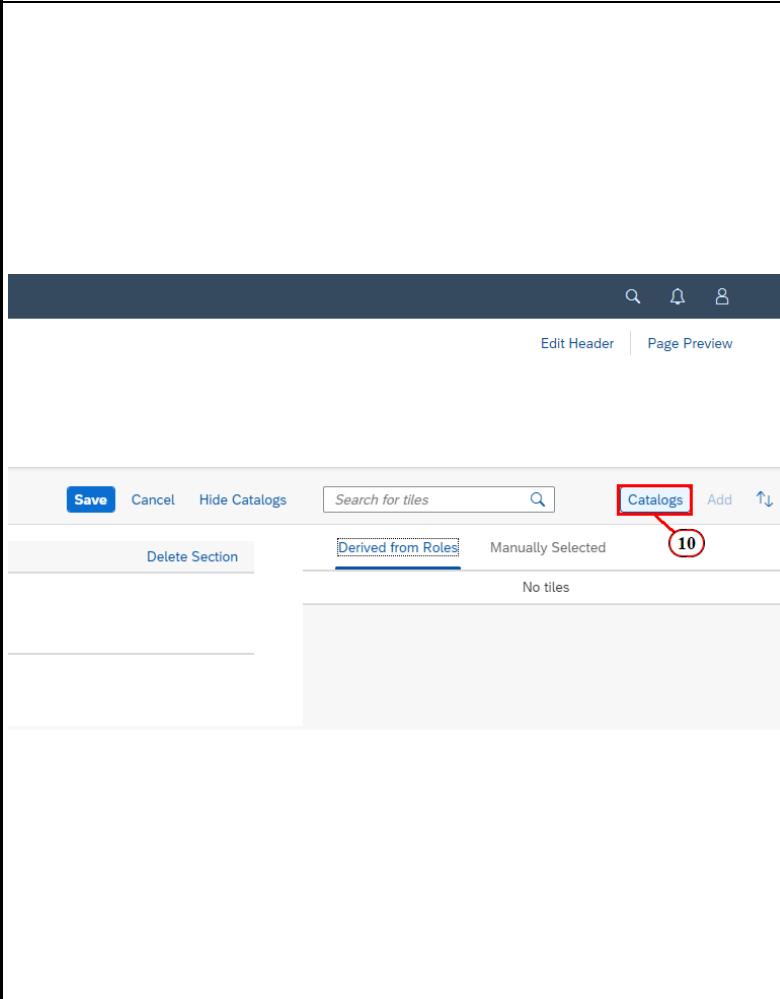
Explanation	Screenshot
<p> To show how the page will look like for the end user, there is a Page Preview for the current page layout.</p> <p>18. Choose <i>Page Preview</i>.</p>	 <p>Context (all) Hide Catalogs sales Catalogs Add ↑</p> <p>Delete Section Derived from Roles Manually Selected</p> <p><b>FLP - Sales Order Processing</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Change Sales Orders VA02 i Add</li> <li><input type="checkbox"/> Create Sales Orders VA01 i Add</li> <li><input type="checkbox"/> Display Sales Orders VA03 i Add</li> <li><input type="checkbox"/> List Sales Orders VA05 i Add</li> </ul>
<p>19. Click <i>Manage Products</i> to show the technical details for this tile.</p>	 <p>Page Preview: Sales Processing</p> <p>Quick Access</p> <ul style="list-style-type: none"> <li>Create Sales Orders VA01</li> <li>Manage Sales Orders 0</li> <li>Track Sales Orders</li> <li>Monitor Product Availability</li> <li><b>Manage Products Demo</b> 0</li> </ul> <p>Insights</p> <ul style="list-style-type: none"> <li>Analyze Detailed Statement Sales Commissions</li> <li>List Incomplete Sales Contracts 0</li> </ul>
<p> For each tile you can get details on the app descriptor item. You have defined this in a previous exercise in the launchpad app manager when creating custom content from the scratch.</p>	 <p>Manage Products</p> <p>Subtitle: Demo</p> <p>Icon:</p> <p>Semantic Object: Product</p> <p>Semantic Action: manage</p> <p>SAP Fiori ID: F0267</p> <p>App Detail: sap.ui.demoapps.ita.freestyle</p> <p>App Type: UI5</p> <p>Title Type: Static Tile</p> <p>Visualization ID: X-SAP-U12-PAGE-X-SAP-U12-CATALOGPAGE-ZFLP_BC_DEMO_APPS:3WO90Y10HLFV1K87OHDGZ2LS</p> <p>Available Devices:</p>

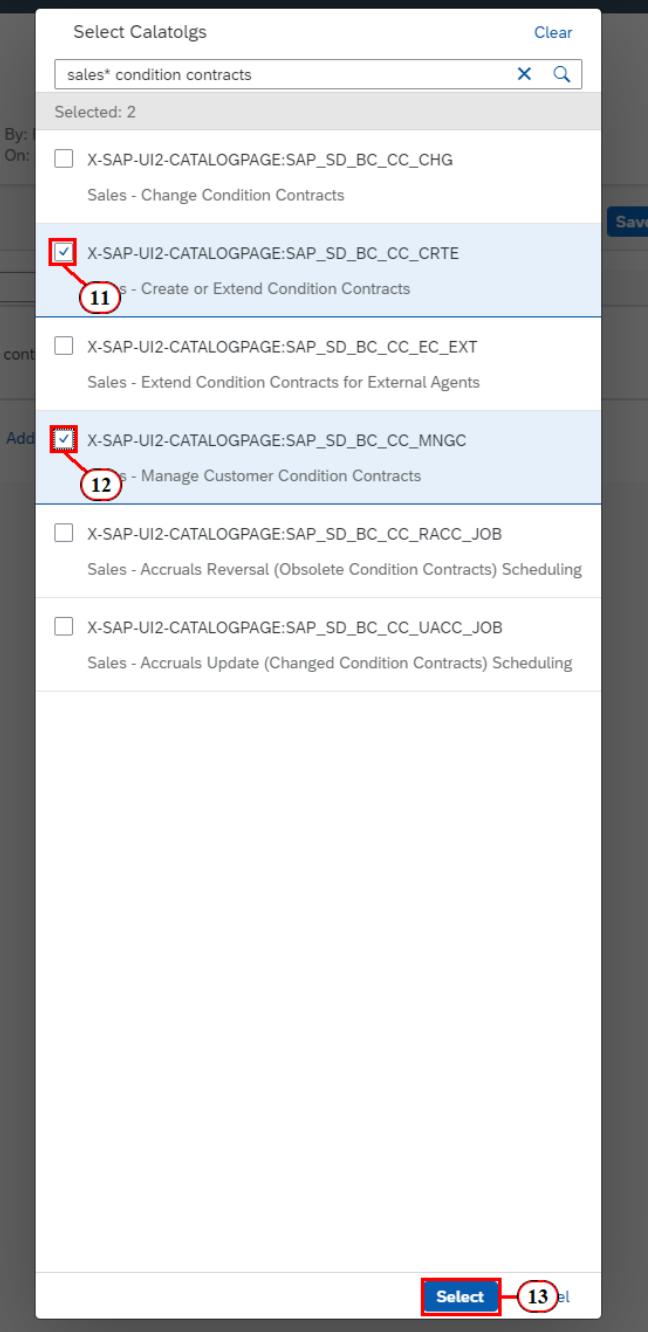
Explanation	Screenshot
20. Choose <i>Close Preview</i> on the bottom right corner of the screen.	
21. Click <b>SAP</b> to go back the launchpad home page of user FIORIADMIN.	
<p><b>!</b> You are back on the SAP Fiori launchpad home page of user FIORIADMIN.</p> <p>In the next exercise you will use the app <i>Manage Launchpad Pages</i> to create a new page and add it as second page to the Internal Sales space.</p>	

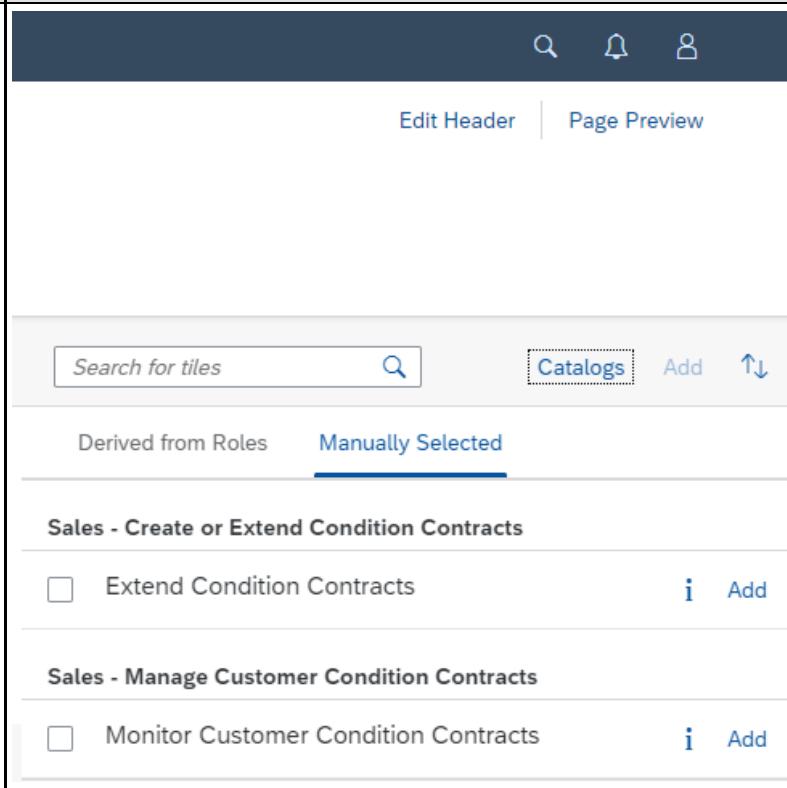
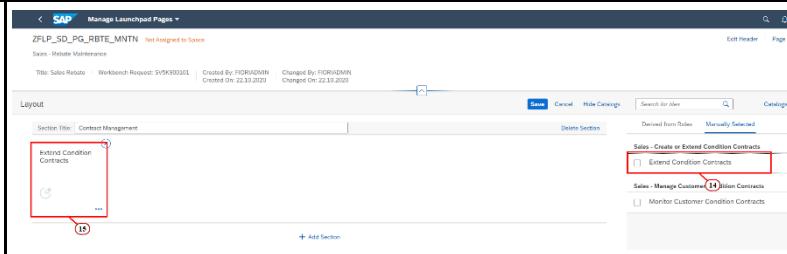
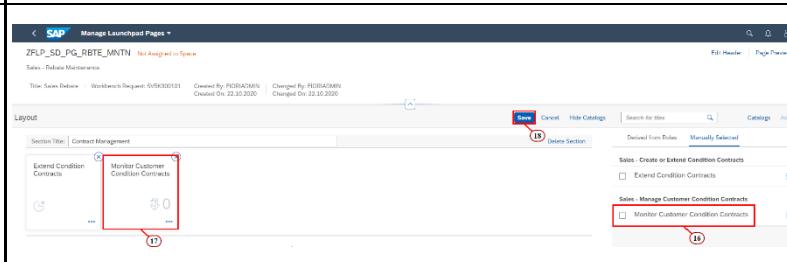
## Create a new page with manual scoping

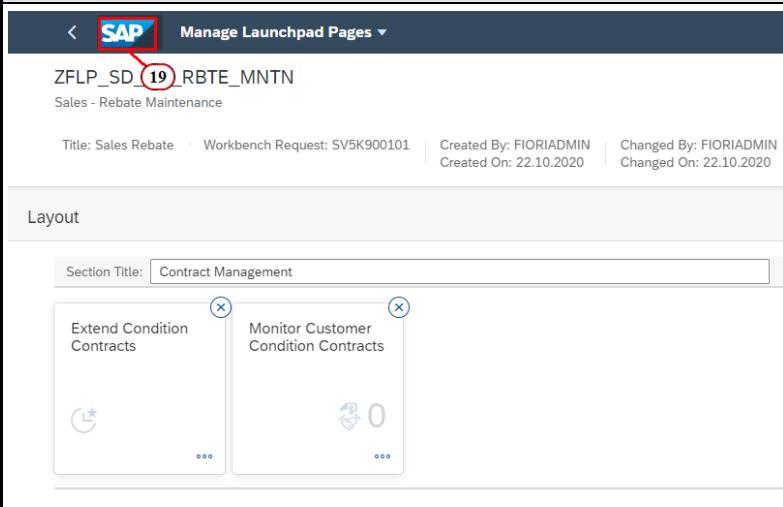
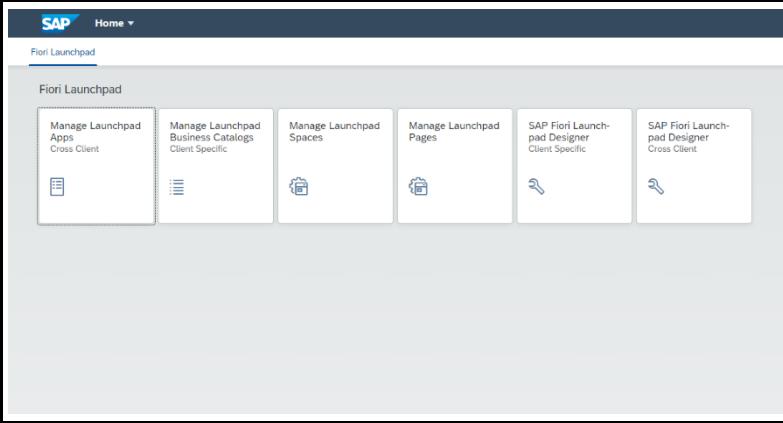
Explanation	Screenshot
<p>1. Choose Manage Launchpad Pages.</p>	
<p> In the list of pages you can see the custom page that you created together with the space in a previous exercise.</p> <p>In the next step you will create another page.</p>	
<p>2. Choose Create.</p>	

Explanation	Screenshot
<p>3. Enter the following page details:</p> <ul style="list-style-type: none"> <li>• <b>ID:</b> <b>ZFLP_SD_PG_RBTE_MNTN</b></li> <li>• <b>Description:</b> <b>Sales - Rebate Maintenance</b></li> <li>• <b>Title:</b> <b>Sales Rebate</b></li> </ul> <p>4. Choose an available transport, e.g. <i>FLP Exercise</i>.</p> <p>5. Choose <i>Create</i>.</p>	
<p> So far, this page is empty. In the next steps you will define the content and layout of this page.</p> <p>6. Choose <i>Edit</i>.</p>	
<p>7. Choose an available transport, e.g. <i>FLP Exercise</i> from the value help.</p> <p>8. Choose <i>Save</i>.</p>	

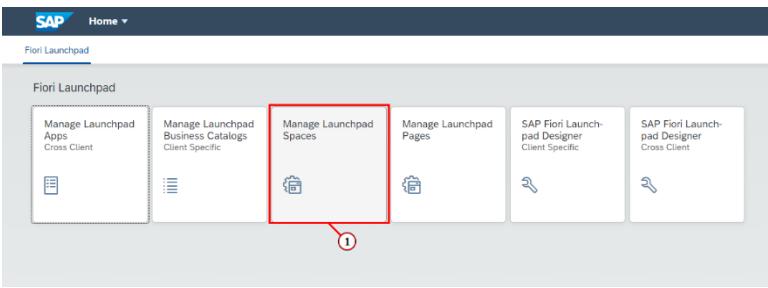
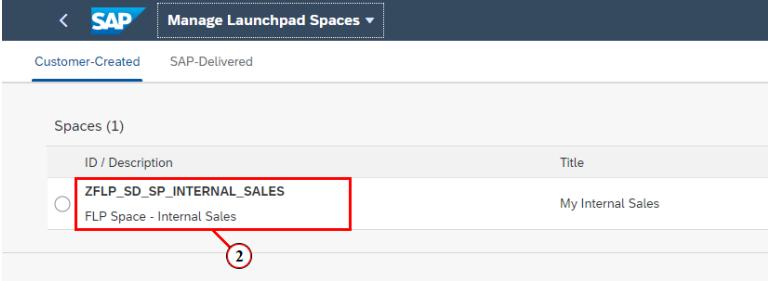
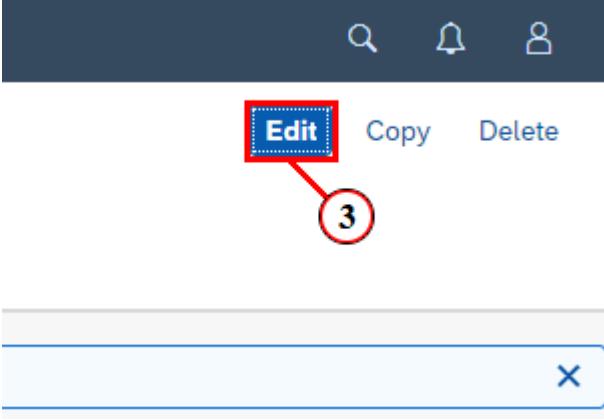
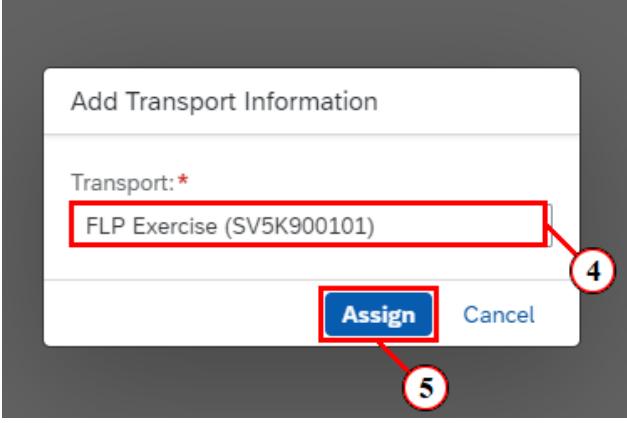
Explanation	Screenshot
<p><b>9. Enter Section Title: Contract Management.</b></p>	 <p>The screenshot shows the SAP Fiori Launchpad Pages interface. At the top, it says 'Manage Launchpad Pages'. Below that, there's a section titled 'ZFLP_SD_PG_RBTE_MNTN' with the status 'Not Assigned to Space'. It shows details like 'Sales - Rebate Maintenance', 'Title: Sales Rebate', 'Workbench Request: SV5K900101', 'Created By: FIORIADMIN', 'Created On: 22.10.2020', 'Changed By: FIORIADMIN', and 'Changed On: 22.10.2020'. Under 'Layout', there's a 'Section Title' input field containing 'Contract Management' with a red box and a red circle with the number 9 pointing to it. Below the input field is a note: 'To start, drag/add content from catalogs here.'</p>
<p><b>10. Choose Catalogs.</b></p> <p> With the SAP Fiori launchpad content manager you can check which catalogs are assigned to a role, e.g. for the Internal Sales Representative role. You also can search for apps (tiles/target mapping) and get the information in which business catalogs the apps are included. With this information you can ensure that the scope of this page fits to the scope of the space/role to which the page will be assigned later.</p>	 <p>The screenshot shows the SAP Fiori Launchpad Pages interface. At the top, there's a navigation bar with icons for search, notifications, and user profile, followed by 'Edit Header' and 'Page Preview'. Below the navigation bar, there's a toolbar with 'Save', 'Cancel', 'Hide Catalogs', a search bar 'Search for tiles', and a 'Catalogs' tab which is highlighted with a red box and circled with a red number 10. There are also 'Add' and 'Up' buttons. Underneath the toolbar, there are two tabs: 'Derived from Roles' (which is selected) and 'Manually Selected'. A note below the tabs says 'No tiles'.</p>

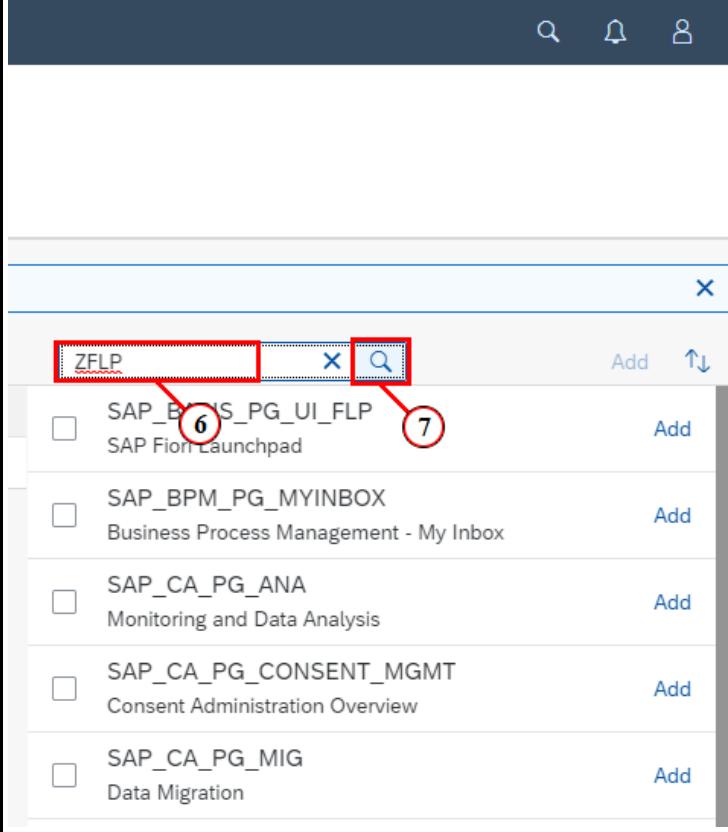
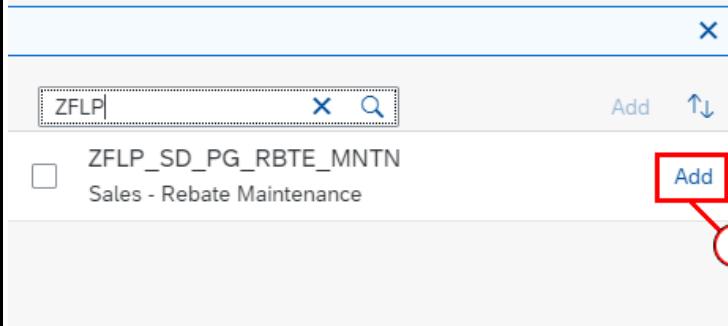
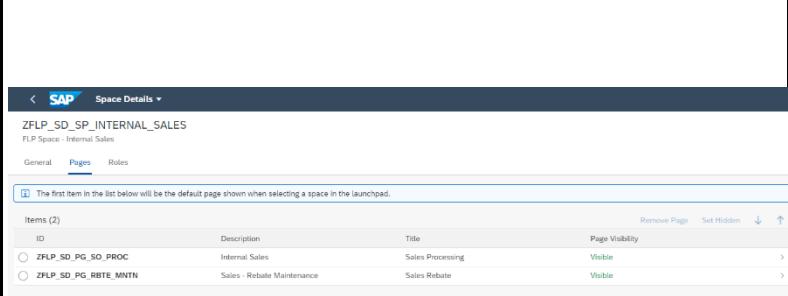
Explanation	Screenshot
<p>11. Select catalog SAP_SD_BC_CC_CRTE Sales - Create or Extend Condition Contracts</p> <p>12. Select catalog SAP_SD_BC_CC_MNGC Sales - Manage Customer Condition Contracts</p> <p>13. Choose <i>Select</i>.</p>	 <p>The screenshot shows a 'Select Catalogs' dialog box. At the top, there is a search bar with the text 'sales* condition contracts'. Below the search bar, it says 'Selected: 2'. There are two items listed with checkboxes:     <ul style="list-style-type: none"> <li><input type="checkbox"/> X-SAP-UI2-CATALOGPAGE:SAP_SD_BC_CC_CRTE Sales - Create or Extend Condition Contracts (labeled 11)</li> <li><input checked="" type="checkbox"/> X-SAP-UI2-CATALOGPAGE:SAP_SD_BC_CC_MNGC Sales - Manage Customer Condition Contracts (labeled 12)</li> </ul>     At the bottom right of the dialog box, there is a blue 'Select' button with a red circle around it, labeled 13.   </p>

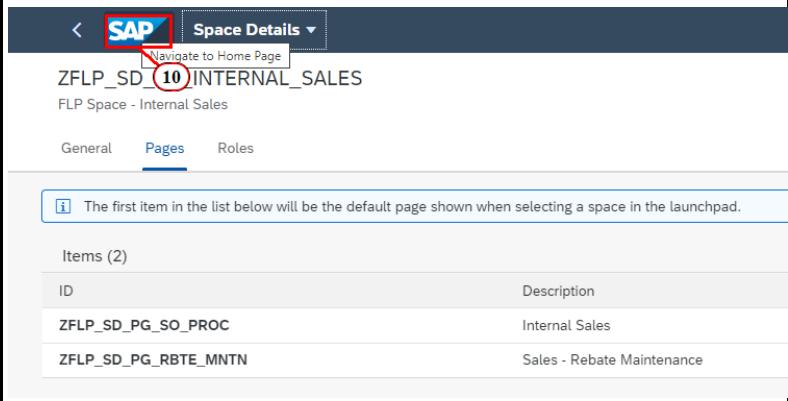
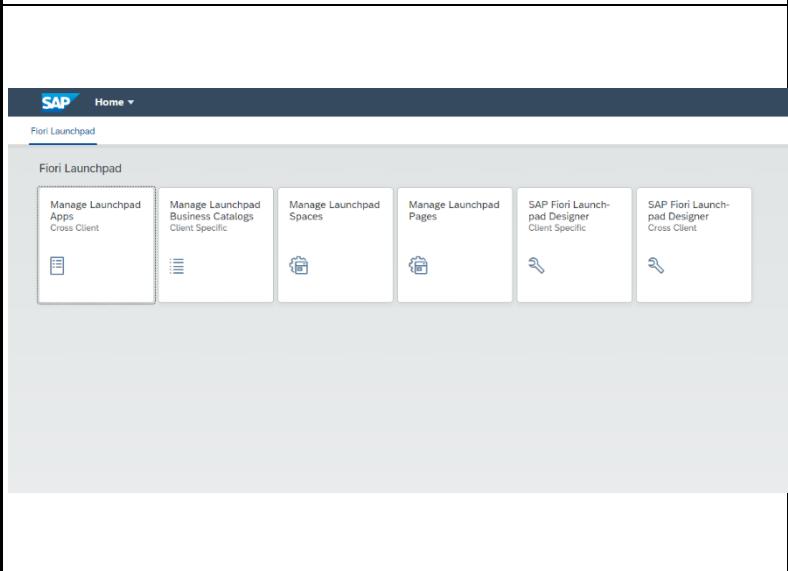
Explanation	Screenshot
<p> Each of the selected catalogs contains only one tile. In the next steps, you will add both tiles to the page.</p> <p> In the SAP Fiori launchpad content manager you can easily verify, which tiles are included in a catalog.</p>	
<p>14. Drag <i>Extend Condition Contracts</i>.</p> <p>15. Drop on section <i>Contract Management</i>.</p>	
<p>16. Drag <i>Monitor Customer Condition Contracts</i>.</p> <p>17. Drop on section <i>Contract Management</i>.</p> <p>18. Choose Save.</p>	

Explanation	Screenshot
<p>19. Click <b>SAP</b> to go back the FLP home page of user FIORIADMIN.</p>	
<p> You are back on the FLP Home page of user FIORIADMIN. In the next exercise you will use the app <i>Manage Launchpad Spaces</i> to assign the newly created page to the Internal Sales space.</p>	

## Assign the page to the space

Explanation	Screenshot
1. Choose Manage Launchpad Spaces.	
2. Click your custom space ZFLP_SD_SP_INTERNAL_SALES to navigate to the space details.	
<p> Now you will assign the page that you have created in the previous steps, to this space.</p> <p>3. Choose <i>Edit</i> on the top right corner of the screen.</p>	
4. Choose a transport, e.g. <i>FLP Exercise</i> from the value help. 5. Choose <i>Assign</i> .	

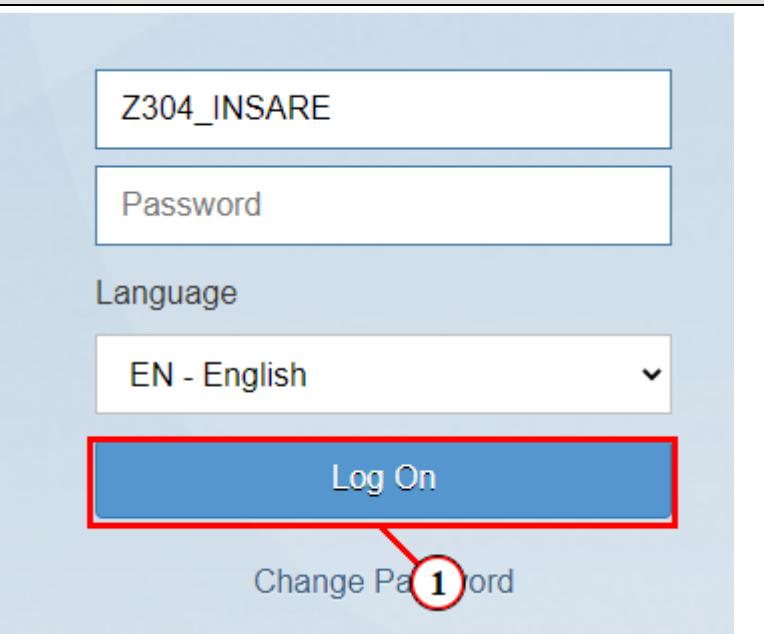
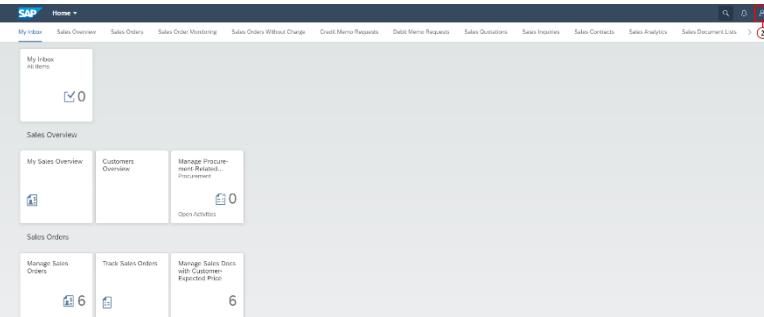
Explanation	Screenshot
<p>6. Enter <b>ZFLP</b> in the search field to search for the custom pages, which you created in the previous steps.</p> <p>7. Click  or press ENTER.</p>	
<p>8. Click <b>Add</b> to assign the page <i>Sales - Rebate Maintenance</i> to the space.</p>	
<p> The custom space <b>ZFLP_SD_SP_INTERNAL_SALE</b>S has now two pages assigned.</p> <p>The order of the pages in this list corresponds to the order later in the space menu.</p> <p>You can easily change the order of the pages via drag and drop or the move up/ move down buttons after selecting a space.</p>	

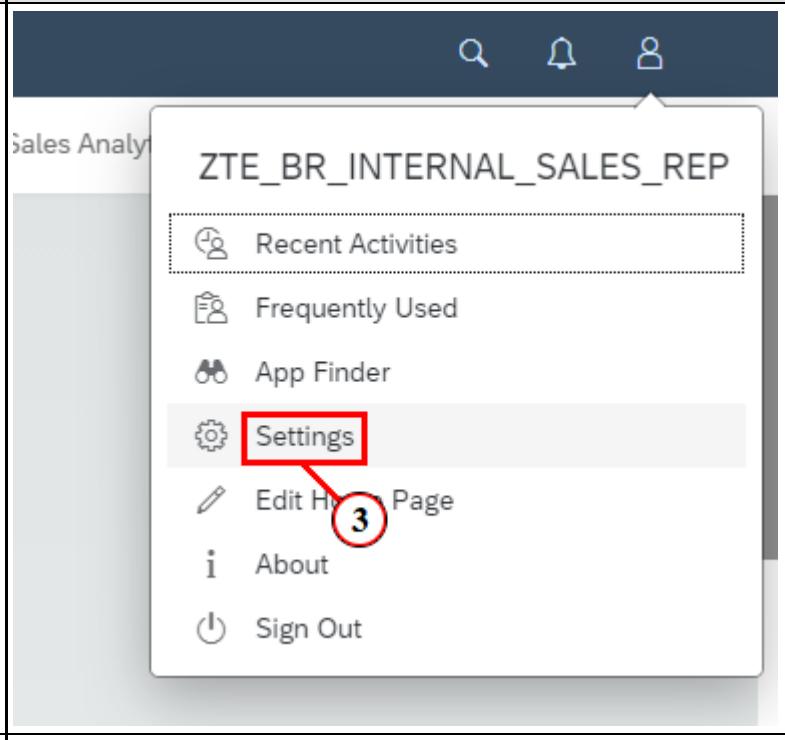
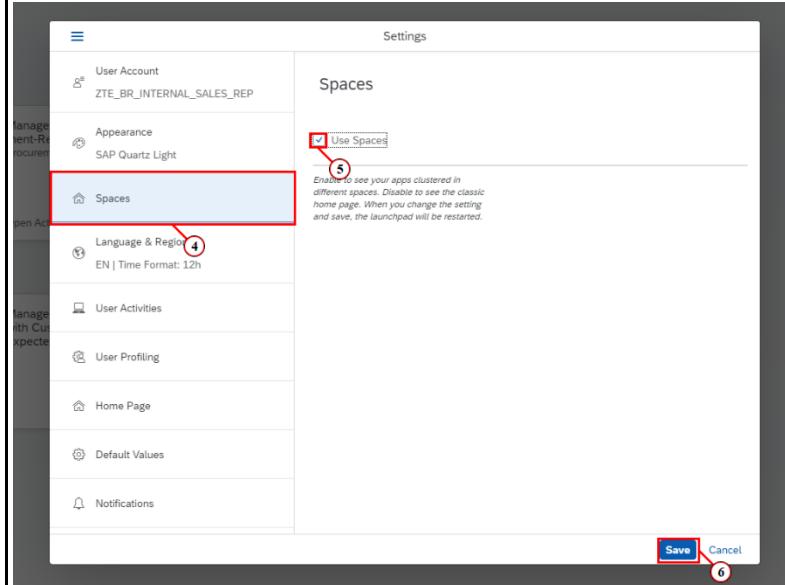
Explanation	Screenshot						
<p>9. Choose Save on the bottom right corner of the screen.</p>							
<p>10. Click <b>SAP</b> to go back to the SAP Fiori launchpad home page of user FIORIADMIN.</p>	 <table border="1"> <thead> <tr> <th>ID</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>ZFLP_SD_PG_SO_PROC</td> <td>Internal Sales</td> </tr> <tr> <td>ZFLP_SD_PG_RBTE_MNTN</td> <td>Sales - Rebate Maintenance</td> </tr> </tbody> </table>	ID	Description	ZFLP_SD_PG_SO_PROC	Internal Sales	ZFLP_SD_PG_RBTE_MNTN	Sales - Rebate Maintenance
ID	Description						
ZFLP_SD_PG_SO_PROC	Internal Sales						
ZFLP_SD_PG_RBTE_MNTN	Sales - Rebate Maintenance						
<p> You are back on the launchpad home page of user FIORIADMIN.</p> <p>In the next exercise, you will be in the role of an end user. As such, you will enable the launchpad spaces mode, experience the pages layout and personalize it.</p> <p> Close all your browser windows before you continue. In the next exercise you will log on to SAP Fiori launchpad as <b>end user</b>.</p>							

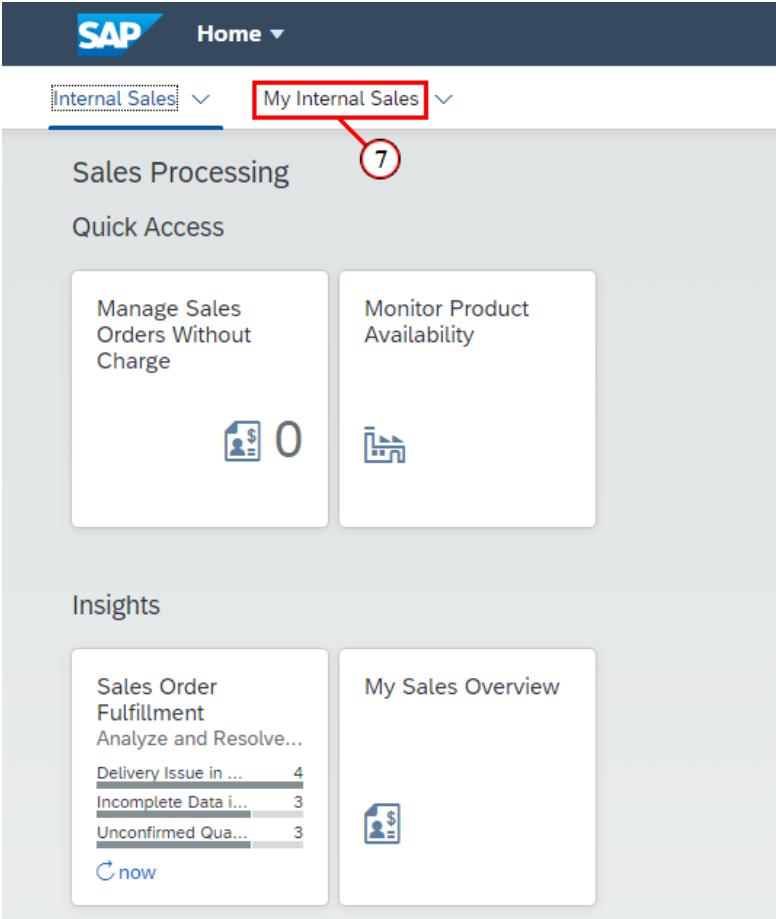
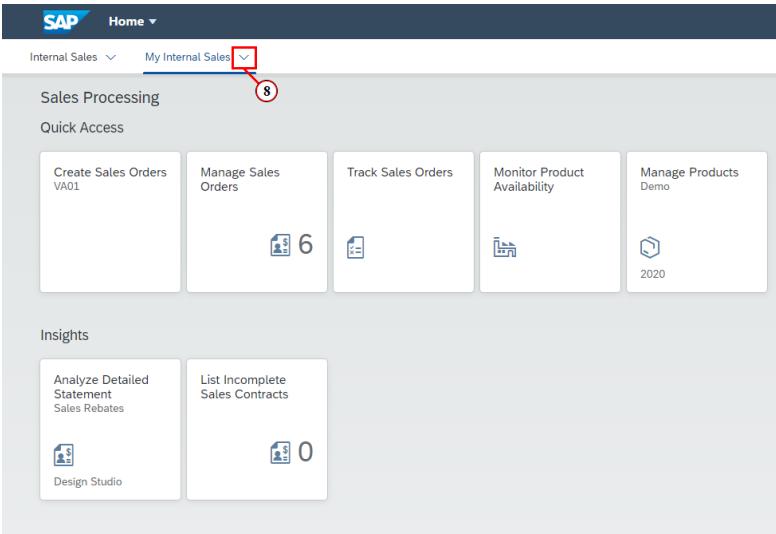
## Use launchpad in spaces mode as end user

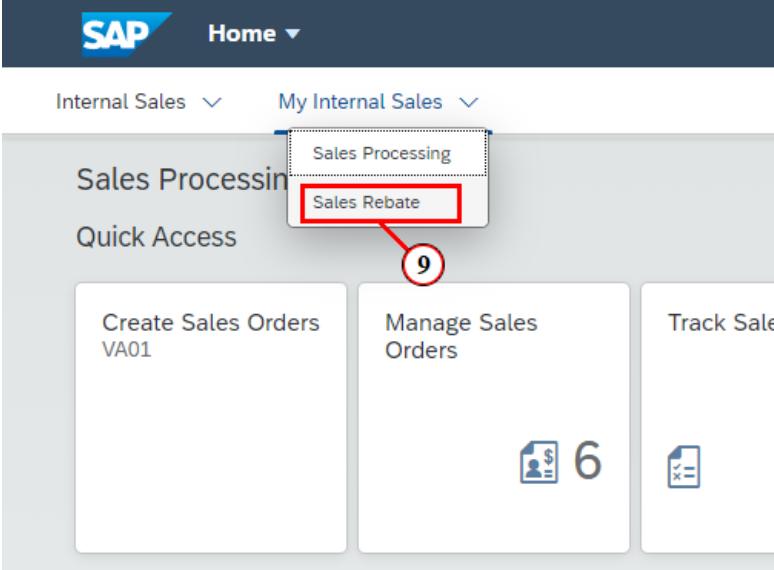
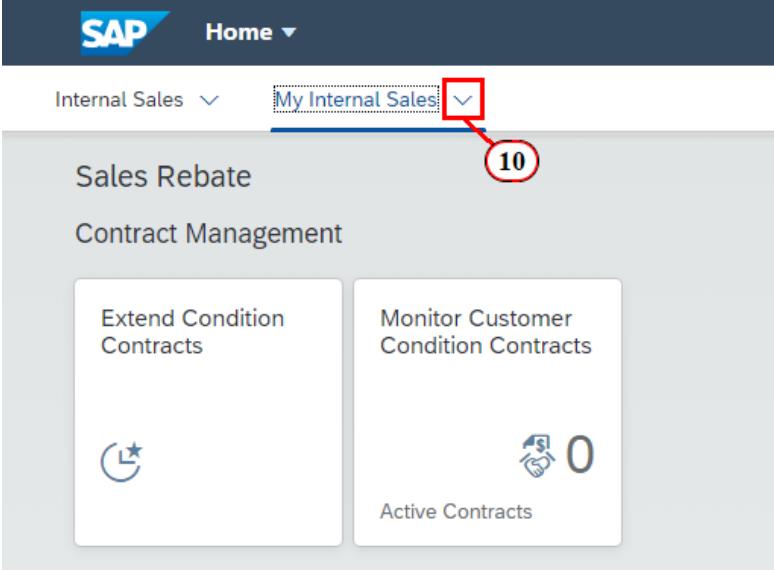
In the previous exercises you have created a custom space and two pages to define the structure and layout of the tiles on the SAP Fiori launchpad.

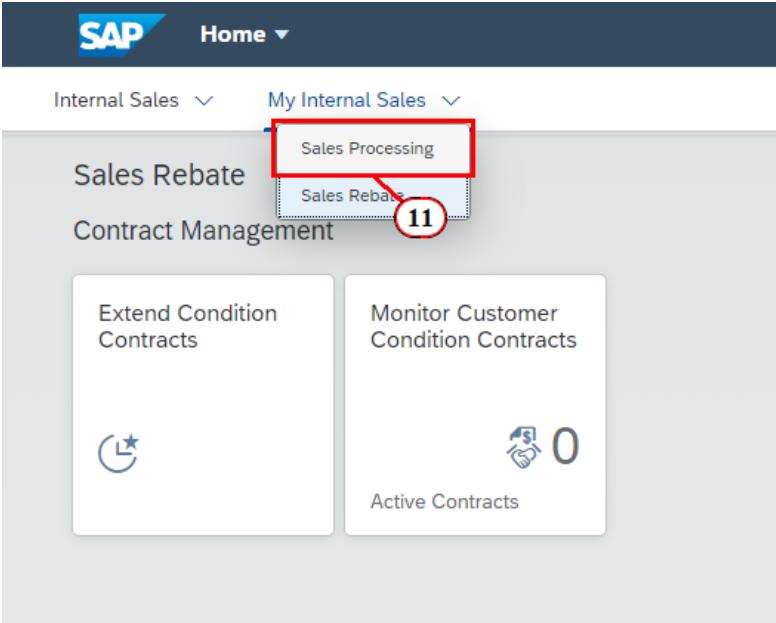
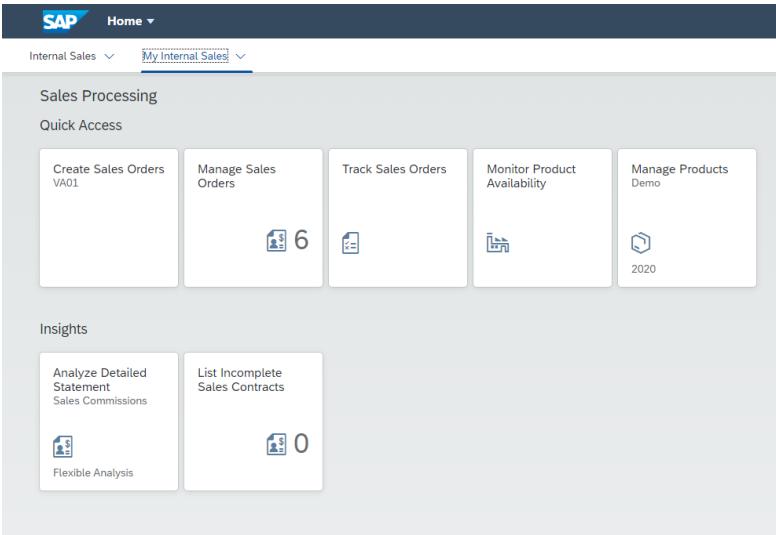
In the next steps you will switch from the classic launchpad layout with groups to the space mode and experience your new layout.

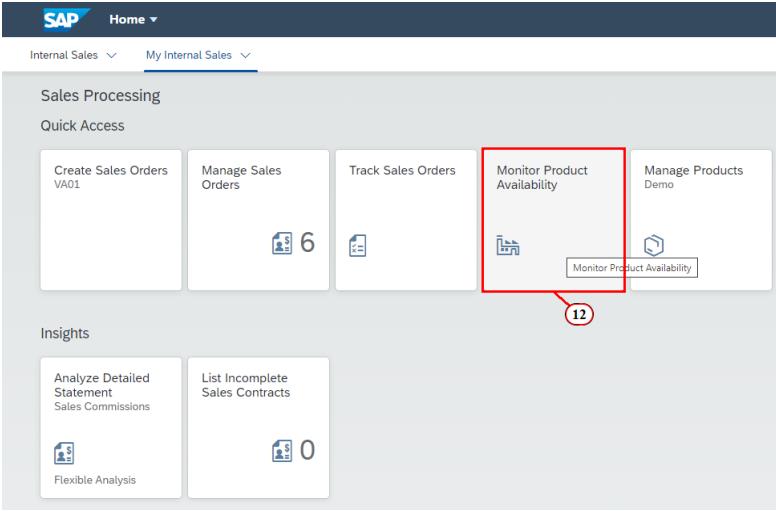
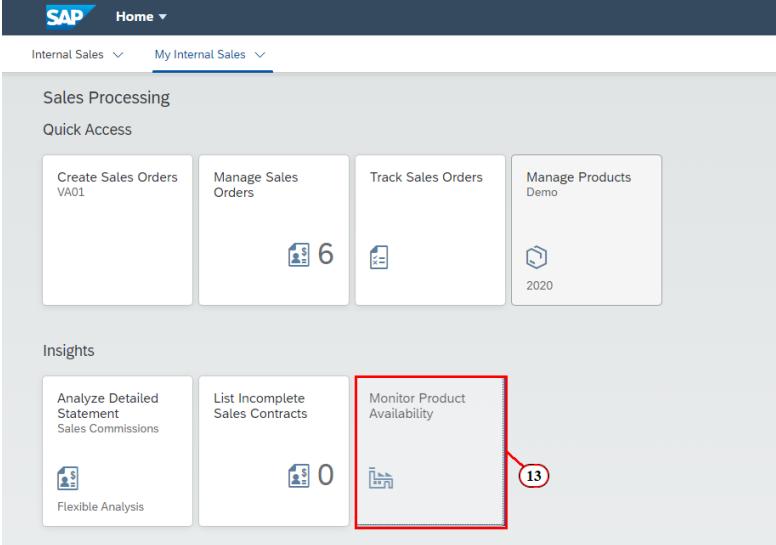
Explanation	Screenshot
<p>👉 You have started the SAP Fiori launchpad in a new browser window (Chrome) by clicking the <i>SAP Fiori launchpad</i> link on the Welcome Page.</p> <p>ℹ️ As an end user, you now will test the adapted and activated SAP Fiori launchpad custom content in the role of an internal sales representative.</p> <p>1. Log in with the test user, e.g. <b>Z304_INSARE</b> and password <b>Welcome1</b>. Keep English as language.</p>	
<p>ℹ️ This is still the launchpad home page with the groups defining the structure of the page. On the top level menu bar you can navigate to the different groups, which are all on this single page.</p> <p>Now, you will switch to the launchpad in space mode.</p> <p>2. Click  in the top right corner of the screen to open the User Menu.</p>	

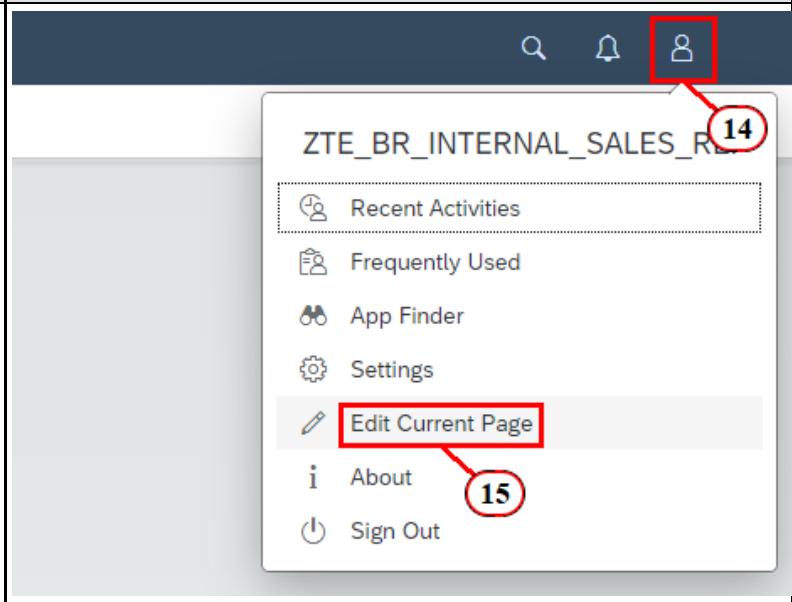
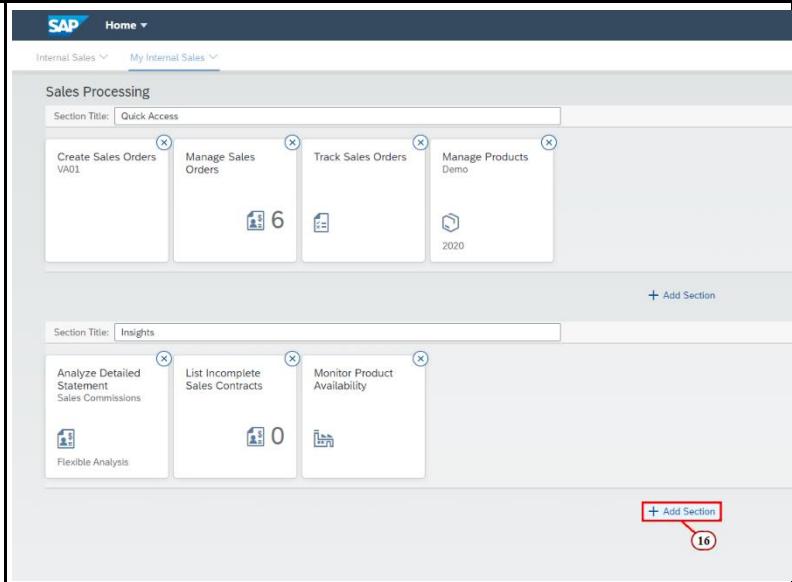
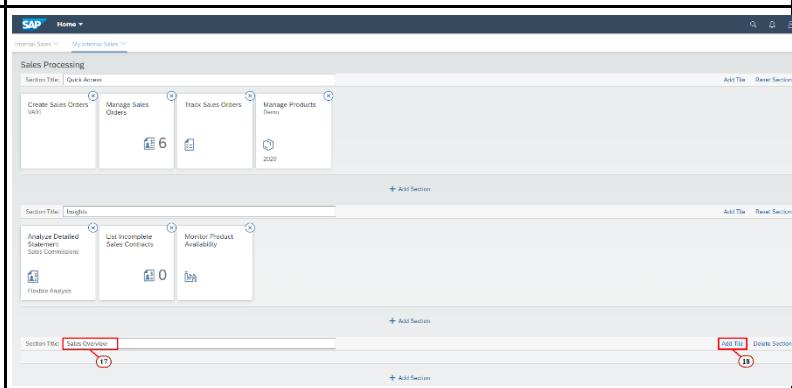
Explanation	Screenshot
3. Choose <i>Settings</i> .	
4. Choose <i>Spaces</i> . 5. Select <i>Use Spaces</i> . 6. Choose <i>Save</i> .	

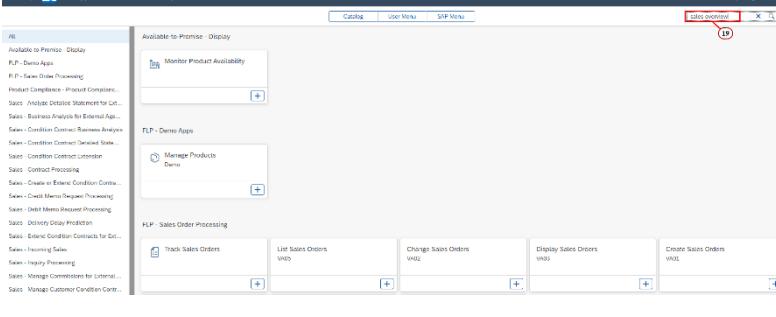
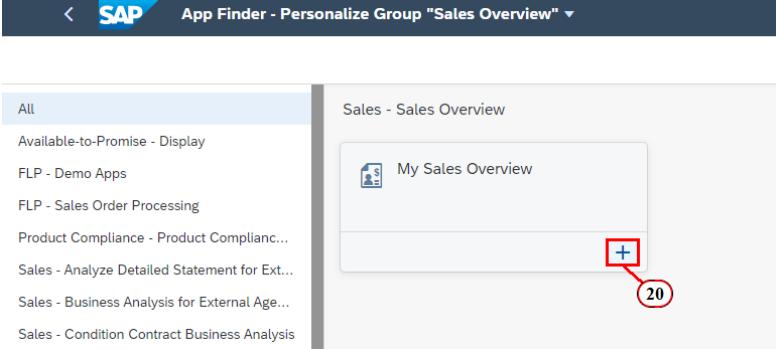
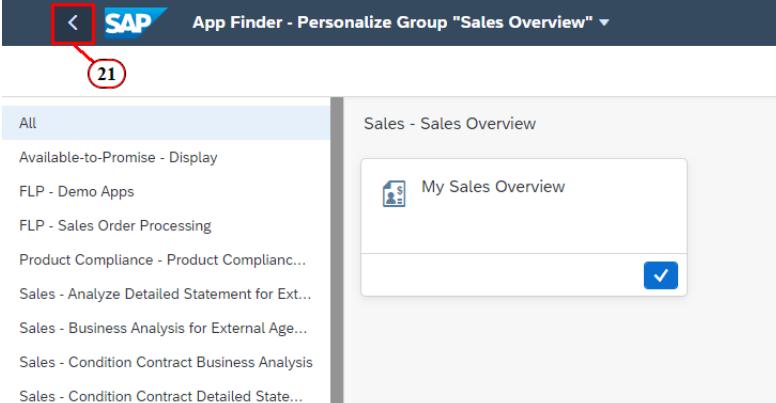
Explanation	Screenshot
<p> The menu shows two top level entries: <i>Internal Sales</i> and <i>My Internal Sales</i>. These are the <b>two spaces</b>, which are assigned to the user by the PFCG role ZTE_BR_INTENRAL_SALES_RER_P.</p> <p>The first space is the SAP-delivered space, the second space is the custom space, that you have created in previous steps.</p> <p>7. Choose <i>My Internal Sales</i> to show the content of your custom space.</p>	
<p> The default page <i>Sales Processing</i> of your space <i>My Internal Sales</i> is shown.</p> <p>8. Click  to open the space menu.</p>	

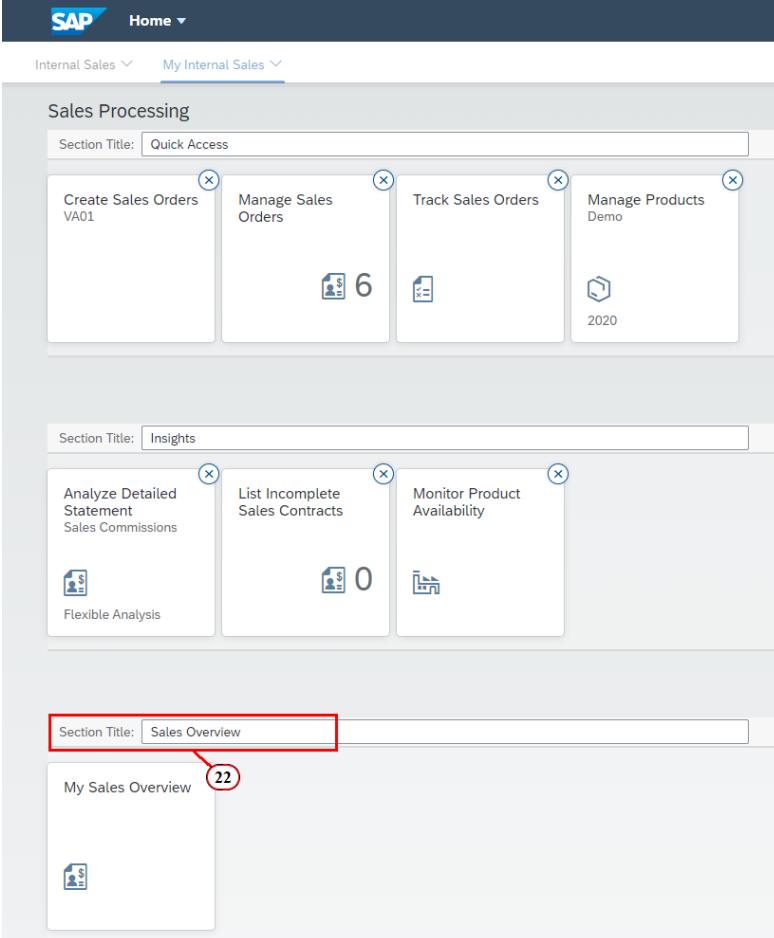
Explanation	Screenshot
<p>9. Choose <i>Sales Rebate</i> to navigate to the second page.</p>	 <p>The SAP Fiori Home screen displays the 'Sales Processing' section. Within this section, the 'Sales Rebate' option is highlighted with a red box and a red arrow pointing to it from below. A circled number '9' is positioned to the right of the highlighted item.</p>
<p> As defined before, this page has only one section with two tiles.</p> <p>10. Click  to reopen the space menu.</p>	 <p>The SAP Fiori Sales Rebate screen shows the 'My Internal Sales' section expanded, indicated by a red box around the dropdown arrow icon. A circled number '10' is positioned to the right of the expanded section.</p>

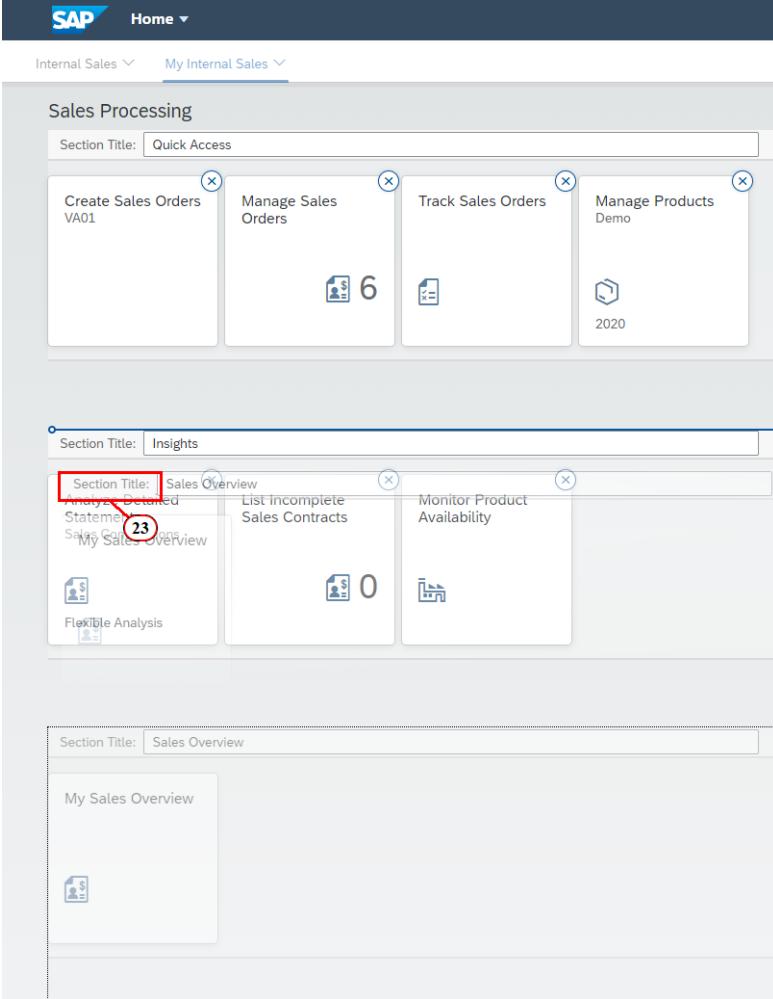
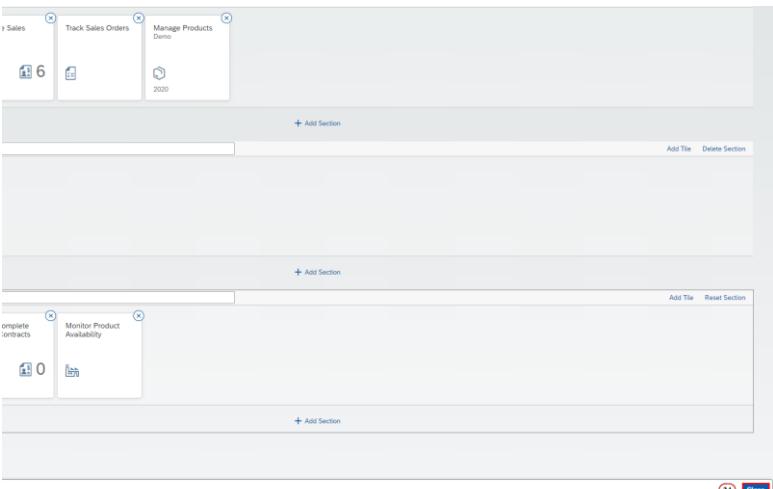
Explanation	Screenshot
<p>11. Choose <i>Sales Processing</i> in the space menu to navigate back to the first page.</p>	
<p> The page <i>Sales Processing</i> shows two sections <i>Quick Access</i> and <i>Insights</i>, as defined by you as administrator. Also, the tiles are visible in the order, that you defined when defining the page layout.</p> <p>As end user you might prefer a different order of tiles and sections, or even different section names. In the next steps you will personalize this page according to your needs as end user.</p>	

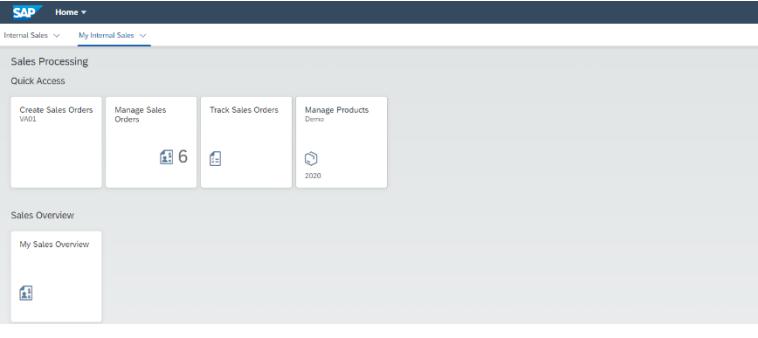
Explanation	Screenshot
<p> First, you will rearrange the tiles by moving one tile to another section.</p> <p>12. Drag tile Monitor Product Availability to move it to section Insights.</p>	 <p>The screenshot shows the SAP Home interface. In the 'Quick Access' section, the 'Monitor Product Availability' tile is highlighted with a red box and a red arrow labeled '12' pointing to its handle. This tile is being dragged to the 'Insights' section, which contains two other tiles: 'Analyze Detailed Statement Sales Commissions' and 'List Incomplete Sales Contracts'. The 'Monitor Product Availability' tile has been dropped into the 'Insights' section, where it is now positioned between the other two tiles.</p>
<p>13. Drop the tile on section <i>Insights</i>.</p>	 <p>The screenshot shows the SAP Home interface after the tile has been moved. The 'Monitor Product Availability' tile is now located in the 'Insights' section of the home page, positioned between the 'Analyze Detailed Statement Sales Commissions' and 'List Incomplete Sales Contracts' tiles. The tile is highlighted with a red box and a red arrow labeled '13' pointing to its handle, indicating the completed drag-and-drop action.</p>

Explanation	Screenshot
<p> Now you will switch to the edit mode of the page to perform further personalization changes.</p> <p>14. Click  to open the User Menu.</p> <p>15. Choose Edit Current Page.</p>	
<p> In the next steps you will add a new section with one tile.</p> <p>16. Choose Add Section.</p>	
<p>17. Enter Section Title: <b>Sales Overview</b></p> <p>18. Choose Add Tile.</p>	

Explanation	Screenshot
<p> This leads you to the app finder, which shows all available apps, that you can use in your role as Internal Sales Representative. Only a part of the apps, which you can use, is directly visible on the pages. But you can access them via the launchpad search or add them to a page via the app finder here.</p> <p>You now will add the app Sales Overview to your page.</p> <p>19. Enter <b>sales overview</b> in the search field and press ENTER or choose the search icon.</p>	
<p>20. Click  to add <i>My Sales Overview</i> to the page section.</p>	
<p>21. Click  to go back to the page editor.</p>	

Explanation	Screenshot
<p> The page has now one additional section <i>Sales Overview</i> to which you added the app <i>My Sales Overview</i> from the list of available apps in the app finder.</p> <p>Now you will change the order of the sections.</p> <p>22. Drag section <i>Sales Overview</i> to move it up on the page.</p>	

Explanation	Screenshot
<p>23. Drop section <b>Sales Overview</b> above the section <b>Insights</b>.</p>	
<p> In the previous steps you have performed the following personalization actions on the page:</p> <ul style="list-style-type: none"> <li>• Change the order of tiles</li> <li>• Add a new section</li> <li>• Add a new tile to a section</li> <li>• Change the order of sections</li> </ul> <p>24. Choose <b>Close</b> in the bottom right corner of the screen to leave the page edit mode.</p>	

Explanation	Screenshot
<p> In this exercise you have learned how the end user can switch to the SAP Fiori launchpad spaces mode in the user settings. A prerequisite for that is, that the administrator has enabled this feature in the launchpad configuration. This step was not part of this exercise. For more information, see SAP Help Portal: <a href="#">Enabling Spaces</a>. Further information see <a href="#">Pages and Spaces</a> user guide.</p>	 <p>The screenshot shows the SAP Fiori Launchpad interface. At the top, there's a navigation bar with 'SAP Home' and dropdown menus for 'Internal Sales' and 'My Internal Sales'. Below the navigation is a 'Sales Processing' section under 'Quick Access' containing four cards: 'Create Sales Orders' (VND1), 'Manage Sales Orders' (with a count of 6), 'Track Sales Orders', and 'Manage Products Demo'. Below this is a 'Sales Overview' section with a card for 'My Sales Overview'.</p>

## Summary

You have completed the exercise!

You are now able to:

- Create a space with the Manage Launchpad Spaces app
- Create a page with the Manage Launchpad Pages app
- Assign a space to a PFCG role
- Switch to the spaces mode in the launchpad end user settings
- Personalize a page

[www.sap.com/contactsap](http://www.sap.com/contactsap)

© 2020 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company.

The information contained herein may be changed without prior notice. Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors. National product specifications may vary.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

In particular, SAP SE or its affiliated companies have no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP SE's or its affiliated companies' strategy and possible future developments, products, and/or platform directions and functionality are all subject to change and may be changed by SAP SE or its affiliated companies at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, and they should not be relied upon in making purchasing decisions.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies. See [www.sap.com/copyright](http://www.sap.com/copyright) for additional trademark information and notices.