

Exercise 4.1 Publish your API Product

Overview

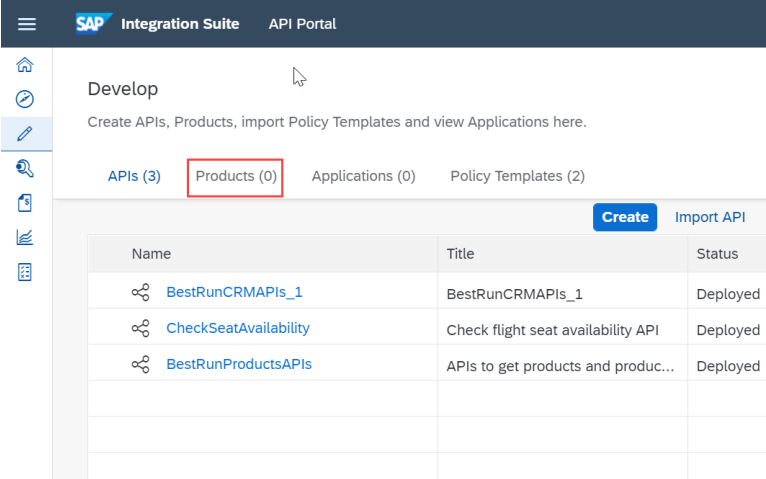
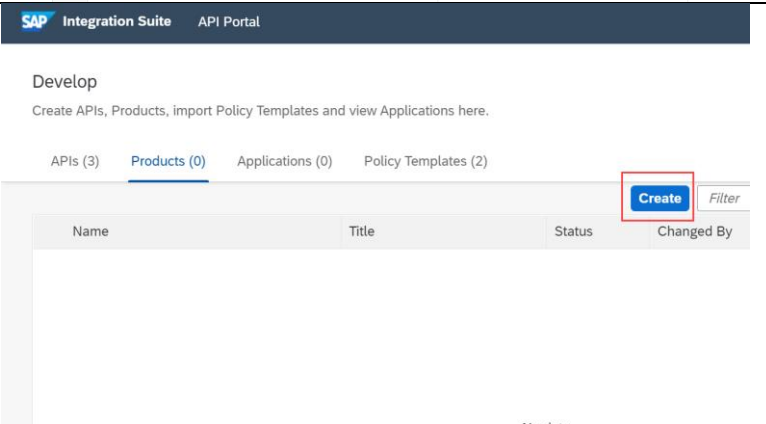
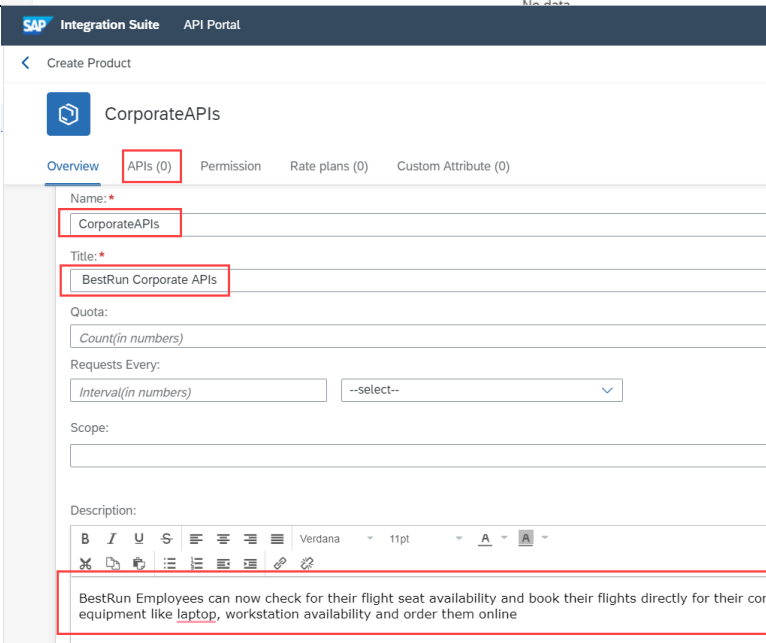
Overview BestRun AG would like to share their APIs with their developer and partners and enable them to consume these APIs in new channels, devices and user interfaces. Their idea is provide a single point of access for the entirety of their APIs (irrespective of whether it is from SAP, non-SAP, a microservice built by their Line of Businesses or an integration flow built by their in-house IT team) to their developer communities, so that their application developers can come to single place to discover, search, test and consume all the APIs from BestRun AG. IT team of BestRun AG decides to use SAP Cloud Platform API Management to provide a secured, governed access to their APIs. Developers building applications using their APIs, can be internal, a business partner or a technology partner: so IT team of BestRun AG plans to provide their application developers a self-registration (with approval) capability to get access to the Developer portal. To enable access to their APIs, they would like to provide to their application developer with a subscription steps so that the developers can subscribe and get access to the application key.

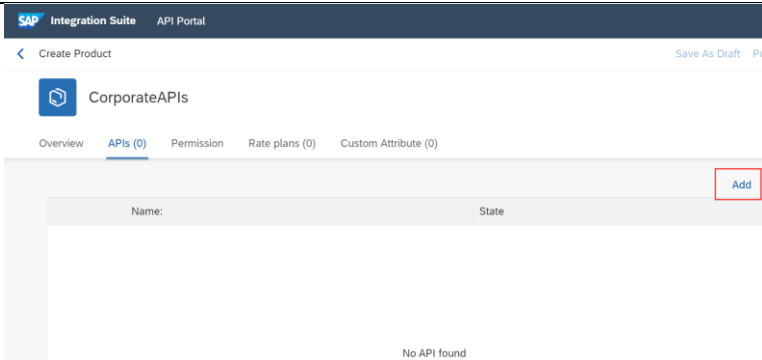
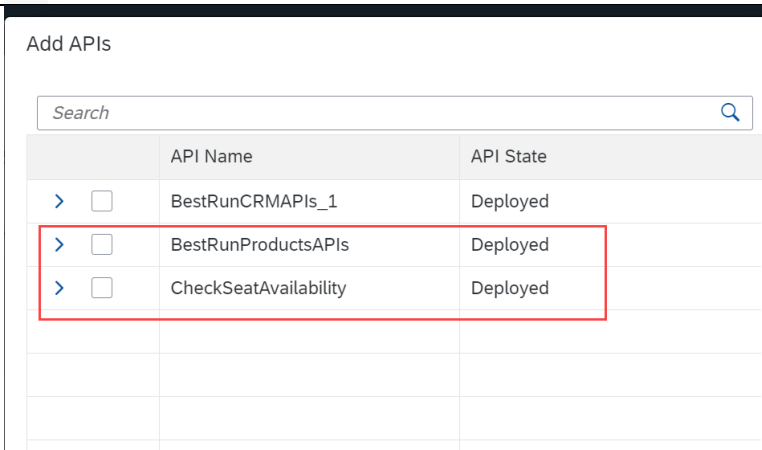
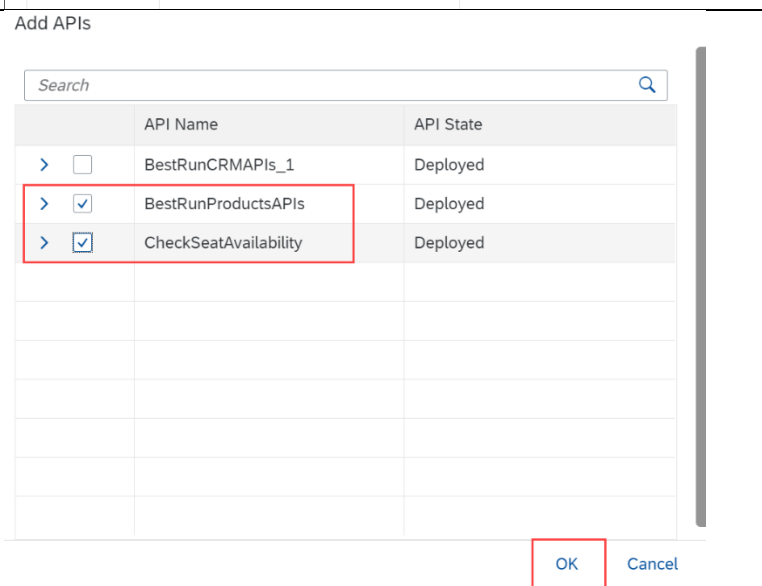
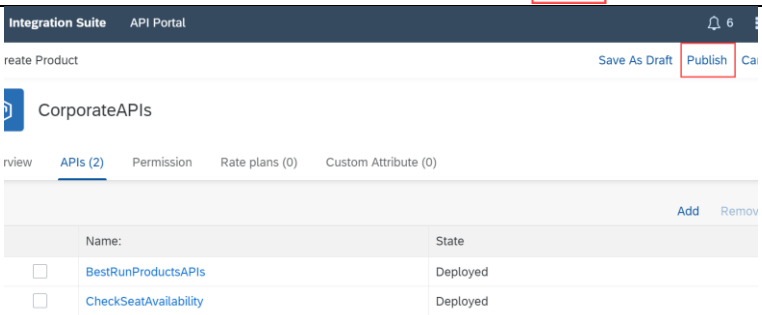
In this exercise you will configure the following for BestRun AG:-

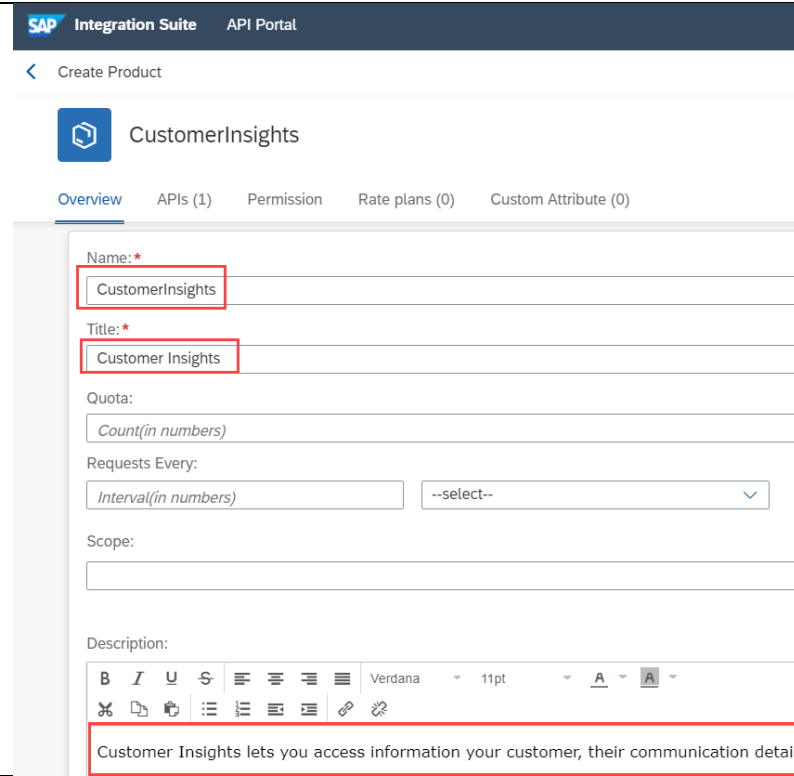


1. Publish the BestRun's APIs to Developer portal with API documentation to make the APIs accessible from Developer portal

Prerequisite:

1. Log on to Cloud Foundry SAP Cloud Platform Cockpit and navigate to your subaccount
2. Navigate to your subaccount and choose **Security→Trust Configuration**
3. Choose an identity provider from the list. In the default scenario, you should be able to select the SAP ID Service
4. Enter your user ID from the selected IDP service. In case of **SAP ID Service**, you can enter email address of the user
5. To see the role collections assigned to this user, choose **Show Assignments**.
6. Choose **Assign Role Collection**. In the **Role Collection** dropdown, choose **Authgroup.SelfService.Admin** and **AuthGroup.API.ApplicationDeveloper**

Step	Explanation	Screenshot												
1	<p>A product is a bundle of APIs. It contains metadata specific to your business for monitoring or analytics. For example, all APIs related to CRM can be bundled as one CRM product. API Management collects data for analyzing the products. Click to navigate to the Products tab.</p> <p>Click on Products (0) to navigate to the Products tab</p>	 <table border="1"><thead><tr><th>Name</th><th>Title</th><th>Status</th></tr></thead><tbody><tr><td>BestRunCRMApis_1</td><td>BestRunCRMApis_1</td><td>Deployed</td></tr><tr><td>CheckSeatAvailability</td><td>Check flight seat availability API</td><td>Deployed</td></tr><tr><td>BestRunProductsAPIs</td><td>APIs to get products and produc...</td><td>Deployed</td></tr></tbody></table>	Name	Title	Status	BestRunCRMApis_1	BestRunCRMApis_1	Deployed	CheckSeatAvailability	Check flight seat availability API	Deployed	BestRunProductsAPIs	APIs to get products and produc...	Deployed
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2	<p>Click Create to create API product Corporate API</p>													
3	<p>BestRun AG would like to expose an API Product for their employees to search for products, flight seat availability for the corporate travel.</p> <p>1. Enter CorporateAPIs in the Name Field</p> <p>2. Enter BestRun Corporate APIs in the Title Field</p> <p>3. Enter BestRun Employees can now check for their flight seat availability and book their flights directly for their corporate travel. You can also use this to check for desktop equipment like laptop, workstation availability and order them online in the Description text field</p> <p>4. Click APIs (0) to add APIs</p> <p>Info: Name, Title and APIs are mandatory field for publishing your API Products.</p>													

4	Click Add to add API Proxies to your API Product													
5	<p>Select the API Proxies that you would like bundle within API Product.</p> <p>BestRun AG would like to expose their Products & CheckSeatAvailability APIs to their corporate users or employees.</p> <p>Check BestRunProductsAPIs and CheckSeatAvailabilityAPIs</p>	 <table><thead><tr><th></th><th>API Name</th><th>API State</th></tr></thead><tbody><tr><td>> <input type="checkbox"/></td><td>BestRunCRMAPIs_1</td><td>Deployed</td></tr><tr><td>> <input type="checkbox"/></td><td>BestRunProductsAPIs</td><td>Deployed</td></tr><tr><td>> <input type="checkbox"/></td><td>CheckSeatAvailability</td><td>Deployed</td></tr></tbody></table>		API Name	API State	> <input type="checkbox"/>	BestRunCRMAPIs_1	Deployed	> <input type="checkbox"/>	BestRunProductsAPIs	Deployed	> <input type="checkbox"/>	CheckSeatAvailability	Deployed
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7	Click Publish to publish your API Product to the Developer Portal													
8	BestRun AG would like to expose an API Product for their business users to get insights into their customer, customer contacts, deals.													

	<p>Similarly repeat above steps and create API Product CustomerInsights</p> <ol style="list-style-type: none">1. Enter CustomerInsights in the Name Field2. Enter Customer Insights in the Title Field3. Enter Customer Insights lets you access information your customer, their communication details, upcoming opportunities and recently closed deals in the Description text field4. API Proxy : BestRunCRM APIs	 <p>The screenshot shows the 'Create Product' page in the SAP Integration Suite API Portal. The product name is 'CustomerInsights'. The title is 'Customer Insights'. The description is 'Customer Insights lets you access information your customer, their communication details, upcoming opportunities and recently closed deals'. The 'Name' and 'Title' fields are highlighted with red boxes. The 'Description' field is also highlighted with a red box. The 'APIs (1)' tab is selected in the top navigation bar.</p>
9	<p>Congratulations, you have successfully created following API Products for BestRun AG :-</p> <div><div> CustomerInsights</div><div> CorporateAPIs</div></div>	

Continue to **Exercise 4.2_Customize_your_Developer_portal**