

Exercise 4.1 Publish your API Product

Overview


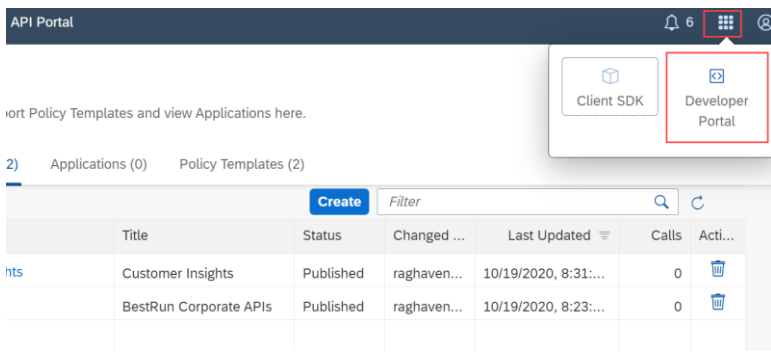

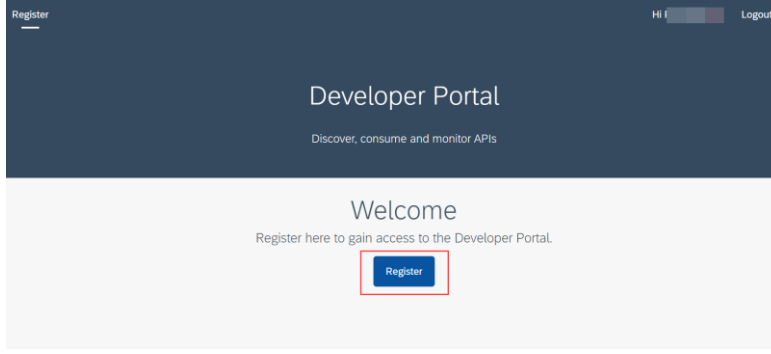
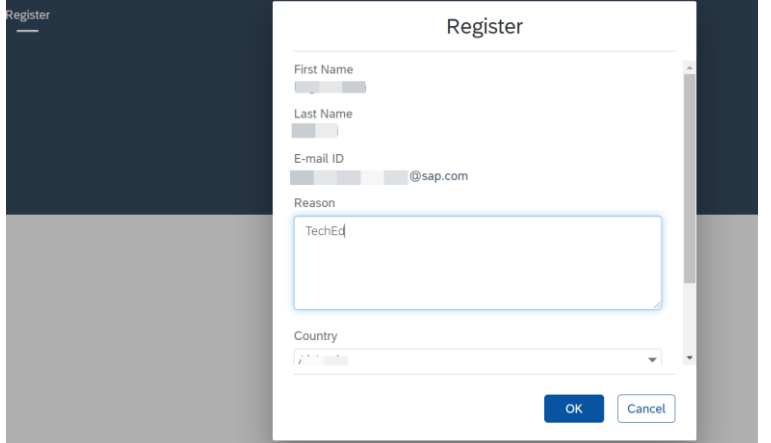
Overview BestRun AG would like to share their APIs with their developer and partners and enable them to consume these APIs in new channels, devices and user interfaces. Their idea is provide a single point of access for the entirety of their APIs (irrespective of whether it is from SAP, non-SAP, a microservice 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.

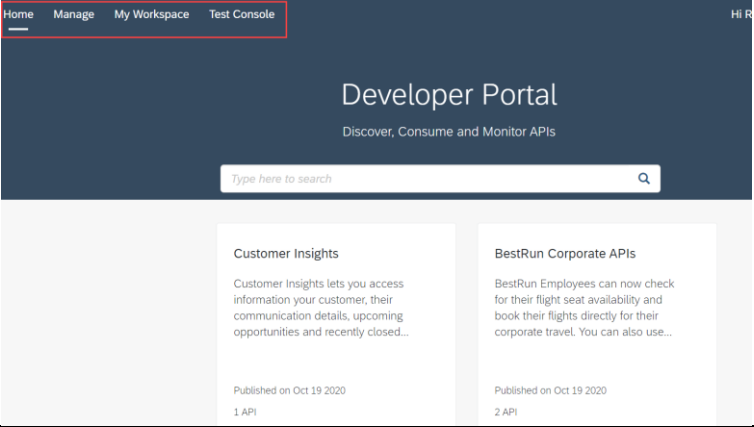
In this exercise you will configure the following for BestRun AG:-

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

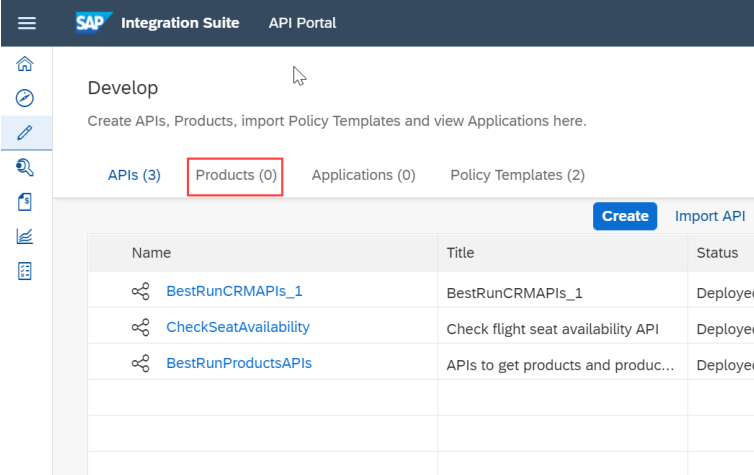
Prerequisite:

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** role

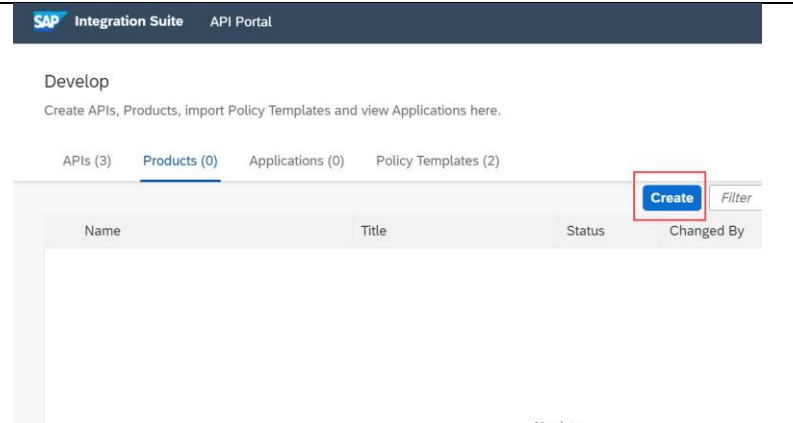
Step	Explanation	Screenshot
a	<p>Developer portal enables you to manage your application developers. The application developers via self-register or on-board themselves in the Developer Portal. After their registration is approved by you, your application developer can browse, explore the APIs published by you from API Portal and the application developer can then subscribe to the API Products to get their own API Key and Secret which they can use while invoking the APIs.</p> <p>Launch APIPortal and click  (Navigation Links) and select Developer Portal</p>	
b	<p>Developer Portal Register page comes up.</p> <p>Click on </p>	
c	<p>Enter TechED in Reason field and Select Country and click on OK</p>	

d	<p>Your request automatically gets approved and you are onboarded as an Application Developer in SAP Cloud Platform trial environment for SAP Cloud Platform API Management.</p> <p>In productive tenants, the application developers registers themselves and then API administrator of the customers have to approve the request</p>	
	<p>You will need the following roles to be assigned to view the full functionality of the Manage tab.</p> <p>AuthGroup.API.Admin AuthGroup.Site.Admin AuthGroup.Content.Admin</p> <p>Please refer prerequisite and assign roles to your user, log-out and login again</p>	

Now Let’s publish the APIs

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>	

2 Click **Create** to create API product **Corporate API**



3 BestRun AG would like to expose an API Product for their employees to search for products, flight seat availability for the corporate travel.

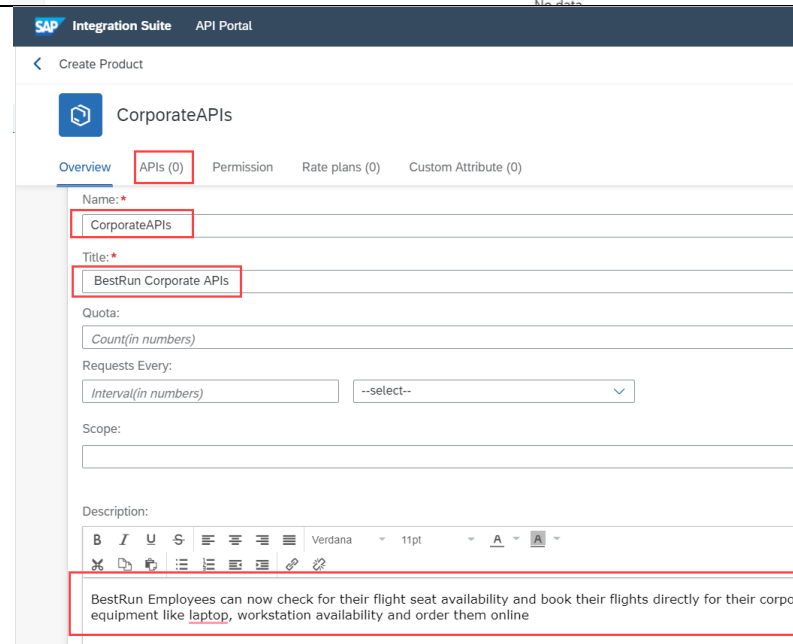
1. Enter **CorporateAPIs** in the Name Field

2. Enter **BestRun Corporate APIs** in the Title Field

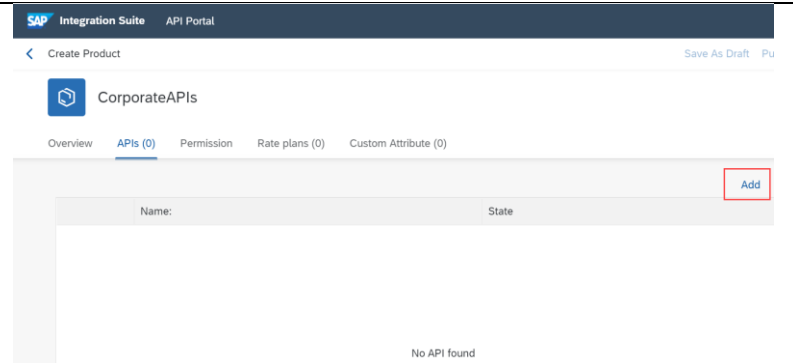
3. Enter **BestRun Employees can now check for their flight seat availability and book their flights directly for their corporate travel. You can also use this to check for desktop equipment like laptop, workstation availability and order them online** in the Description text field

4. Click **APIs (0)** to add APIs

Info: Name, Title and APIs are mandatory field for publishing your API Products.



4 Click **Add** to add API Proxies to your API Product



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Select the API Proxies that you would like bundle within API Product.

BestRun AG would like to expose their Products & CheckSeatAvailability APIs to their corporate users or employees.

Check **BestRunProductsAPIs** and **CheckSeatAvailabilityAPIs**

Add APIs

	API Name	API State
> <input type="checkbox"/>	BestRunCRMAPIs_1	Deployed
> <input type="checkbox"/>	BestRunProductsAPIs	Deployed
> <input type="checkbox"/>	CheckSeatAvailability	Deployed

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Click **OK** to add selected API Proxy to the API Product

Add APIs

	API Name	API State
> <input type="checkbox"/>	BestRunCRMAPIs_1	Deployed
> <input checked="" type="checkbox"/>	BestRunProductsAPIs	Deployed
> <input checked="" type="checkbox"/>	CheckSeatAvailability	Deployed

OK Cancel

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Click **Publish** to publish your API Product to the Developer Portal

Integration Suite API Portal

reate Product Save As Draft **Publish** Cai

CorporateAPIs

review **APIs (2)** Permission Rate plans (0) Custom Attribute (0)

	Name:	State
<input type="checkbox"/>	BestRunProductsAPIs	Deployed
<input type="checkbox"/>	CheckSeatAvailability	Deployed

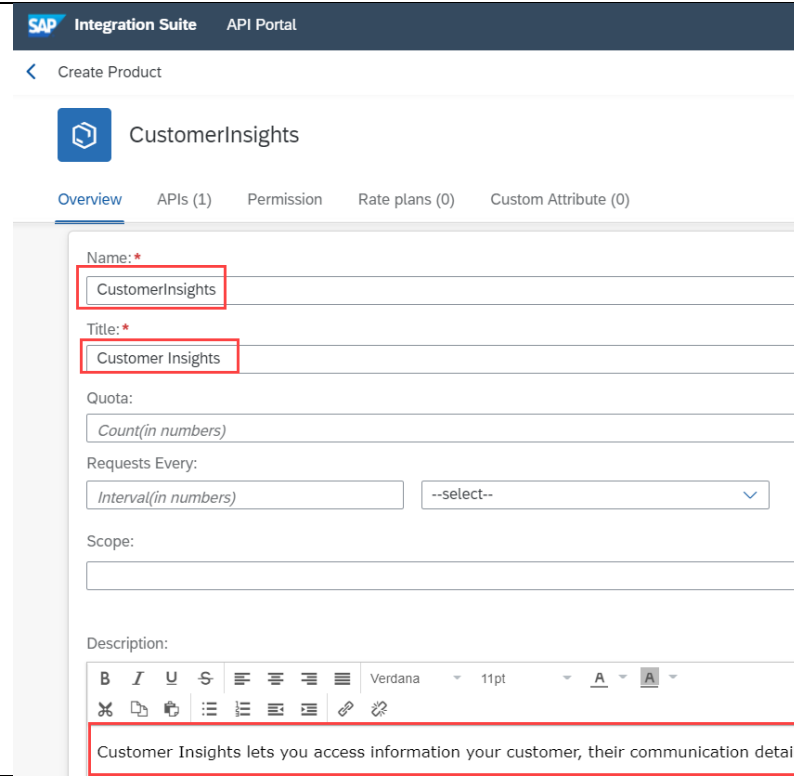


Add Remove

8

BestRun AG would like to expose an API Product for their business users to get insights into their customer, customer contacts, deals.

Similarly repeat above steps and create API Product **CustomerInsights**

1. Enter **CustomerInsights** in the Name Field
2. Enter **Customer Insights** in the Title Field
3. Enter **Customer Insights lets you access information your customer, their communication details, upcoming opportunities**

	<p>and recently closed deals in the Description text field</p> <p>4. API Proxy : BestRunCRM APIs</p>	
9	<p>Congratulations, you have successfully created following API Products for BestRun AG :-</p> <div data-bbox="127 1075 422 1198"><div> CustomerInsights</div><div> CorporateAPIs</div></div>	

Continue to **Exercise 4.2_Customize_your_Developer_portal**