Exercise 3.1: Connect to non-SAP CRM System from SAP Cloud Platform Open Connector

Overview

BestRun AG would like to expose the APIs from their non-SAP CRM system like information about their customers, latest address and communication information about their customers, upcoming deals to enable their business users to query for this information and build customer insights using SAP Analytics Cloud. BestRun AG plans to use SAP Cloud Platform API Management to securely expose their APIs from non-SAP CRM system. Furthermore, they plan to use the analytics features of SAP Cloud Platform API Management to gain insights into the usage of the APIs by their business users.

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

- 1. Connect to non-SAPCRM system of BestRunAG using **SAP Cloud Platform Open Connectors**.
- 2. Create an API Provider of type **Open Connectors** in SAP Cloud Platform API Management to discover & explore all the created instances from SAP Cloud Platform Open Connectors.
- 3. Apply the BestRun IT governance policy of Quota, Spike Arrest and Verify API Key to the non-SAP CRM connector instance.

SAP® Cloud Platform

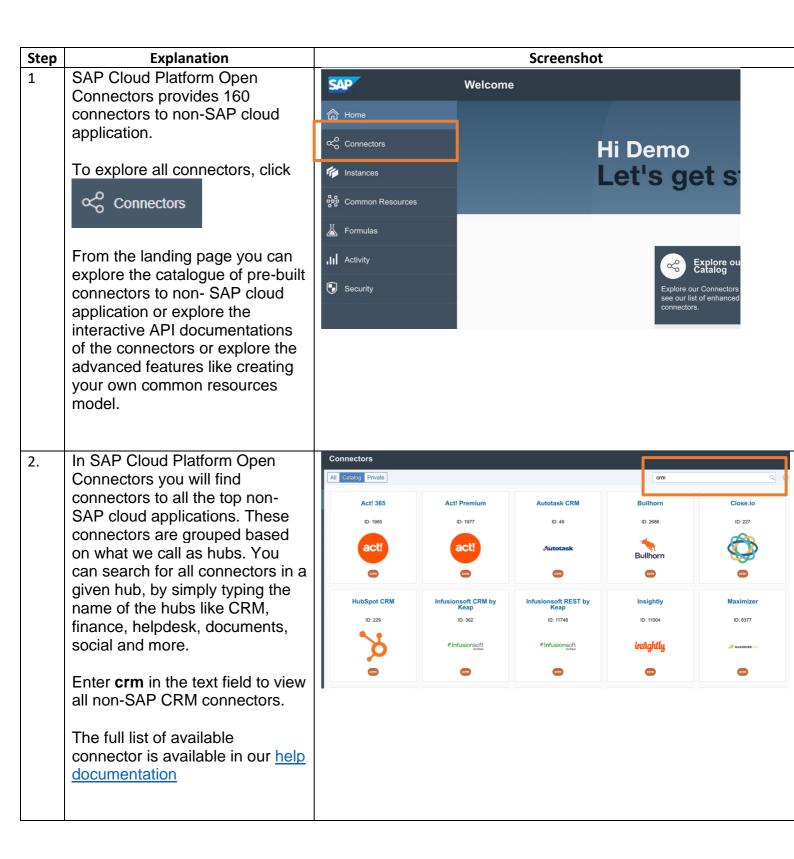
Non-SAP CRM

Open
Connectors

API
Management

3 API Portal

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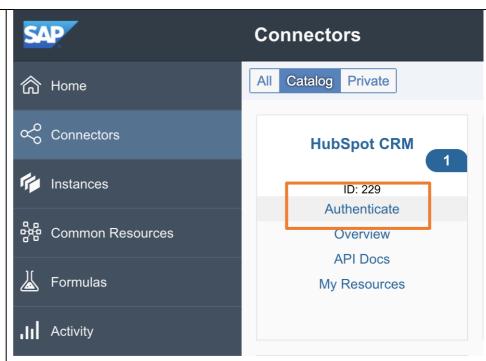
3. In order to consume the selected connector, the first steps start with creating an authenticated instance of the selected connector and providing your non-SAP tenant details & credentials.

In this exercise, HubSpot CRM has been used, hover over the HubSpot CRM connector and click

Authenticate

to connect to your HubSpot account.

You can use any of the non-SAP CRM connectors, if you the necessary sandbox or system access to the non- SAP CRM system.

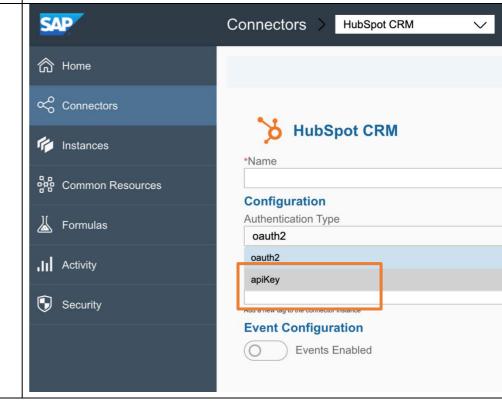


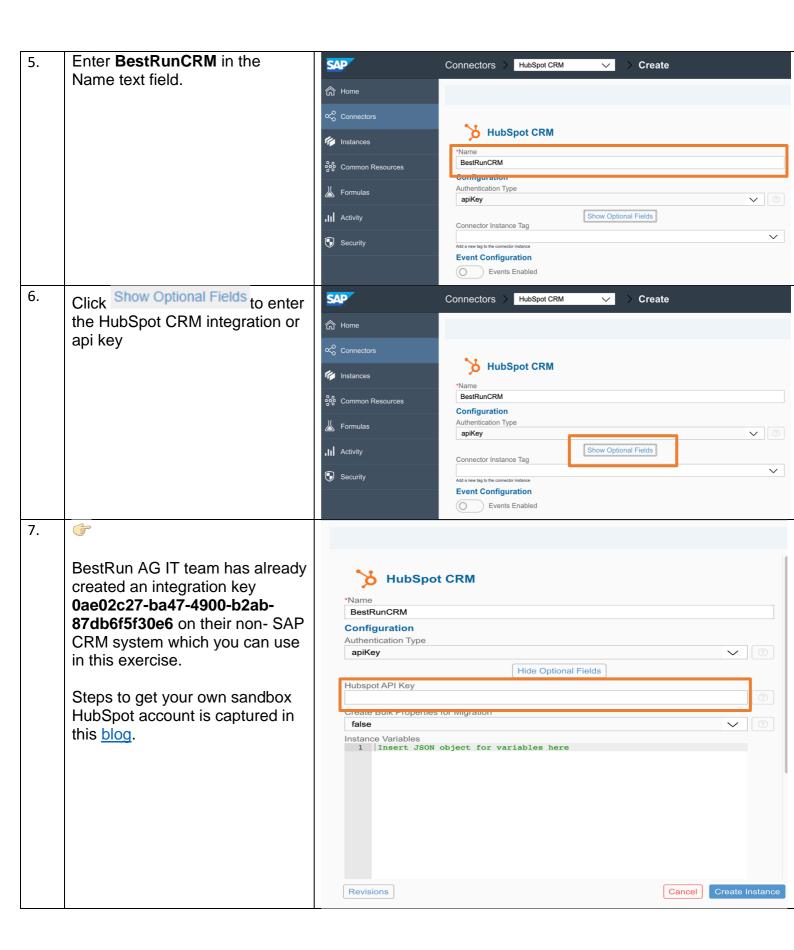
4. The connection wizard is generated automatically based on the selected non- SAP connector & the supported authentication by the non-SAP connector. If you are using a different non-SAP application, the wizard screen may vary.

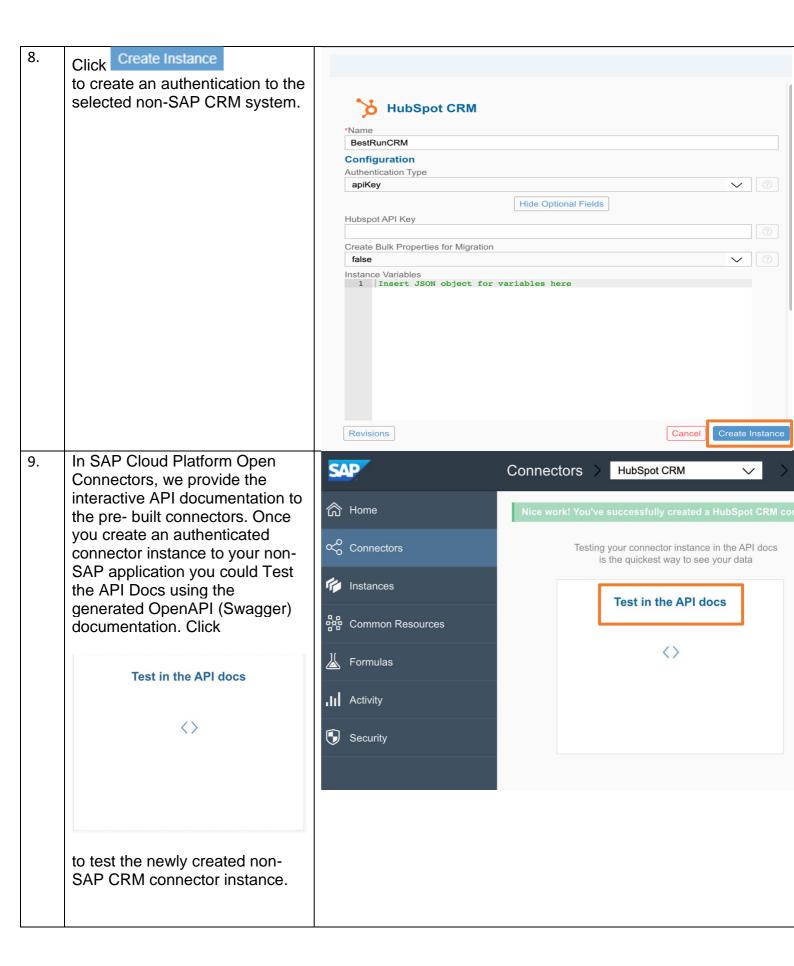
You can select the authentication type of your choice.

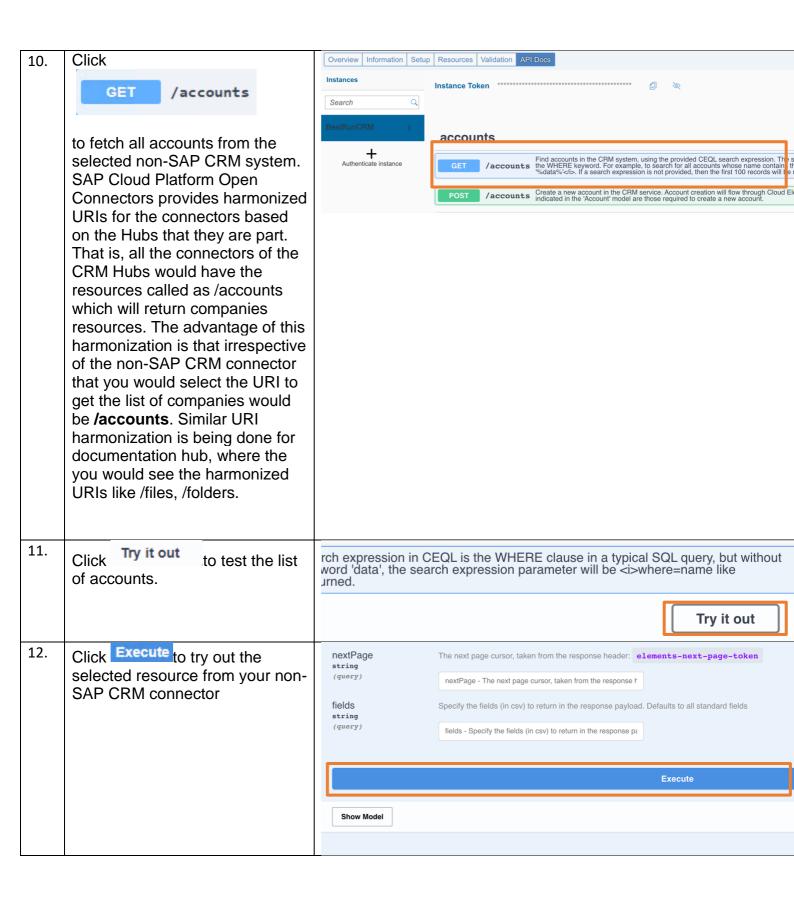
In case of HubSpot CRM, the apikey based authentication approach is used.

Select apiKey from the drop down.









13. This would show the **CURL** command with the harmonized RESTful URIs to your HubSpot application and the normalized authentication token which can be used to securely and seamless connect to your HubSpot application.

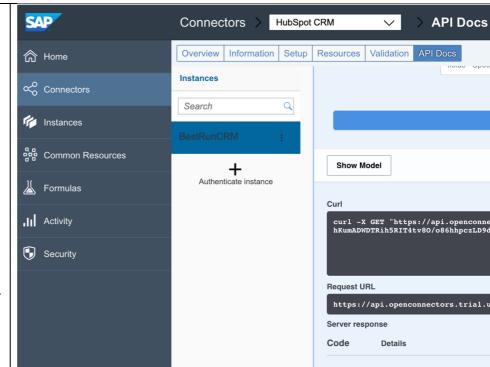
Note: The harmonized URIs and authentication headers can be used to connect securely to your HubSpot application via SAP Cloud Platform from any application that supports connecting to an HTTP endpoint.

To simplify the application & integration development, the CURL command is generated. The CURL command would contain information about the fully qualified URL, authorization token, request payload (in case of POST, PUT/PATCH) call. For the get list of accounts call, you could also notice the harmonization of pagination done using pageSize and search using where query parameters.

The advantage of this

harmonization is that irrespective of which non- SAP CRM connector that you may have selected (SugarCRM, SalesForce, Zoho, HubSpot...) you would have same way of getting filtered list of records.

The default response received from the non-SAP connectors is passed as is. With common resource (common objects), you can transform fields provided by their non-SAP applications to a single, normalized resource.



Congratulations, you have successfully created and tested an authenticated connector instance to the non-SAP CRM system used by BestRun AG.

In the next exercise, you will managing this non-SAP CRM connector using SAP Cloud Platform API Management.

Continue to Exercise 3.2 - Add API Provider of type Open Connector