
SAP CLOUD PLATFORM – SAP CLOUD PLATFORM CLOUD CONNECTOR

Cloud Connector Set-up Connectivity

Description

This document will guide you through the steps required for configuring the SAP Cloud Platform Cloud Connector to communicate with your SAP Cloud Platform account and your backend system.

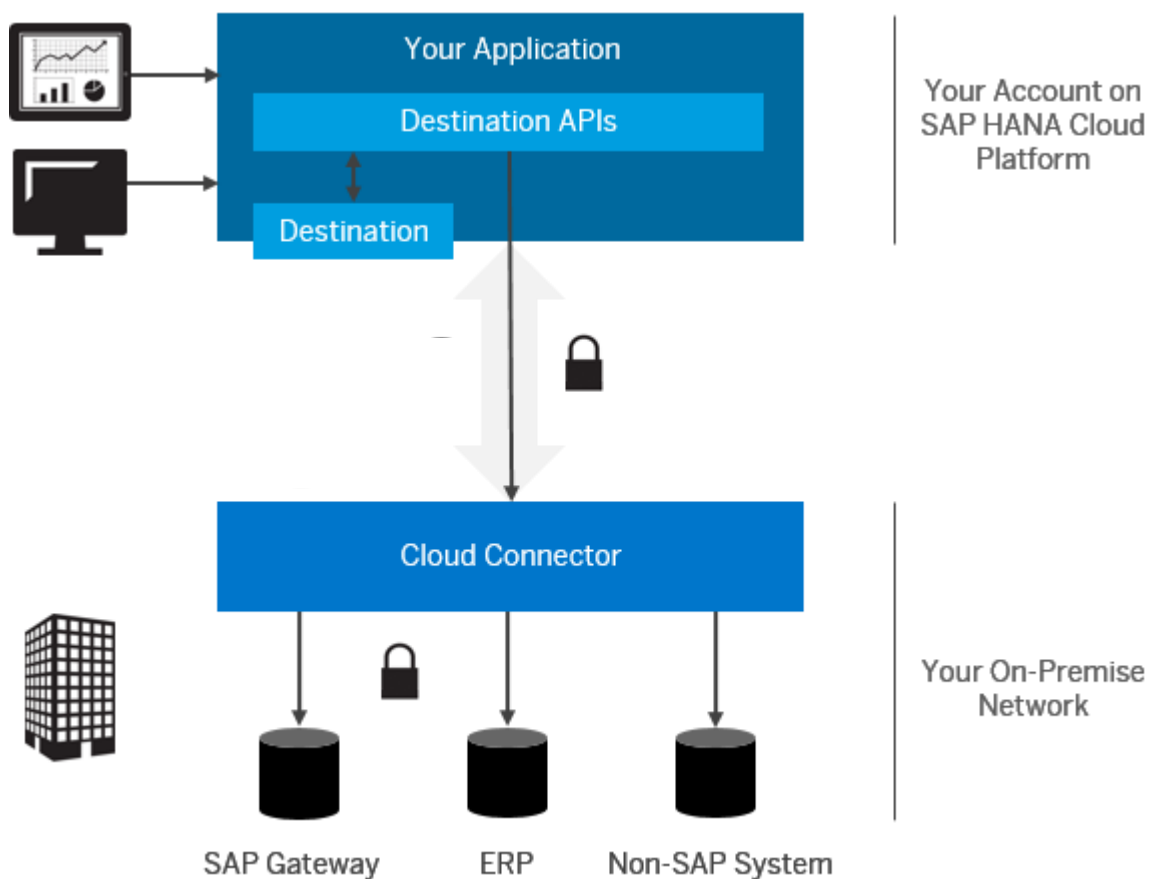
Before starting with this document, you should have downloaded and installed the SAP Cloud Connector.

General Overview


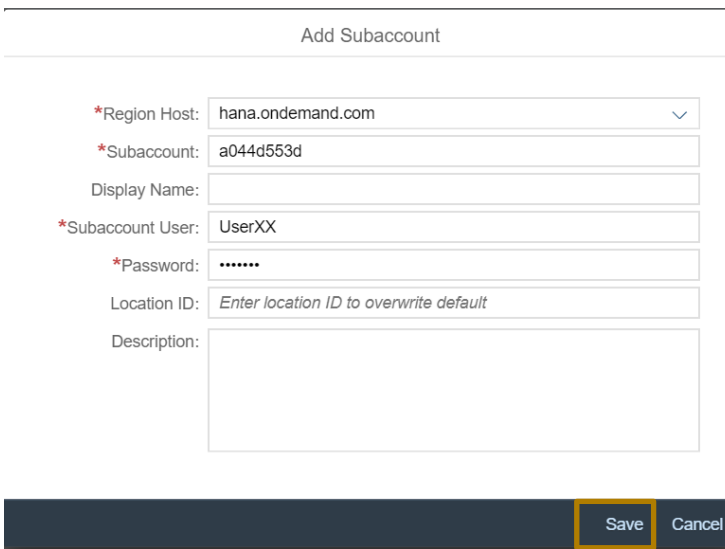
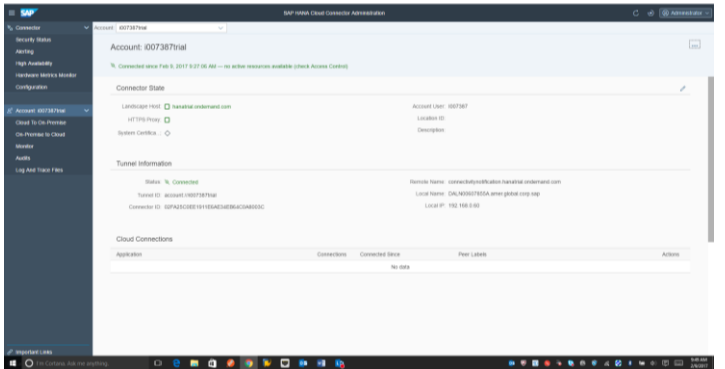
SAP Cloud Platform Cloud Connector is an on-premise agent that runs in the customer network and takes care of securely connecting cloud applications, running on SAP Cloud Platform, with services and systems of the customer network. It is used to implement hybrid scenarios, in which cloud applications require point-to-point integration with existing services or applications in the customer network.

In this exercise, we will see how to configure the SAP Cloud Platform Cloud Connector to connect your SAP Cloud Platform account to the backend systems that provide the data for your applications. The SAP Cloud Platform is the in-memory Platform-as-a-Service offering from SAP, which enables customers and developers to build, extend, and run applications on SAP HANA in the cloud. With flexible subscription models and optional services for apps, database, and infrastructure, it provides instant access to the full power of SAP HANA.

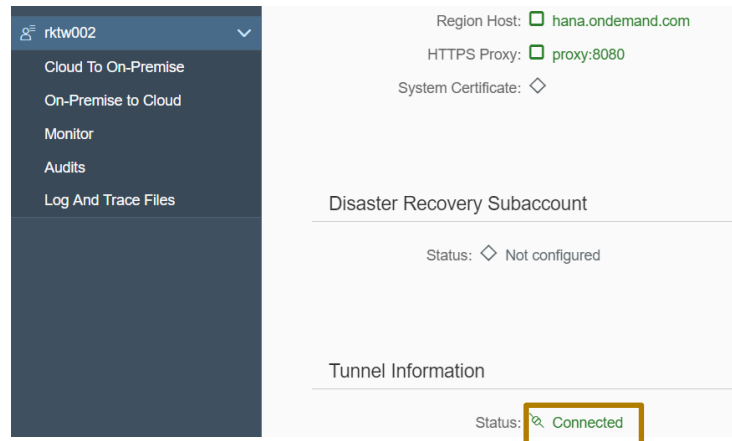
This is the landscape model for the SAP Cloud Platform connecting to your backend systems:



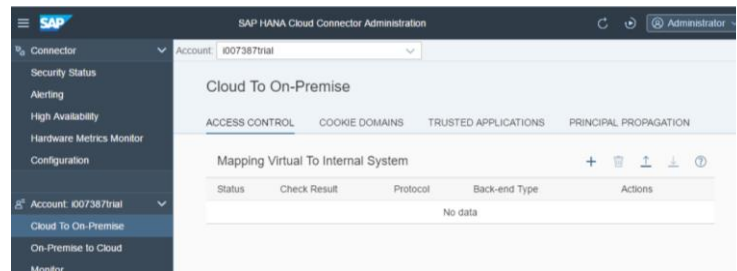
Step 1: Setting up Connection in the SAP Cloud Platform Cloud Connector

Explanation	Screenshot				
<ol style="list-style-type: none"> 1. Open Cloud Connector configuration page in Web Browser: Enter the URL - https://localhost:8443 2. Enter these credentials and click on Login <table border="1"> <thead> <tr> <th>User Name</th><th>Password</th></tr> </thead> <tbody> <tr> <td>Administrator</td><td><what you changed it to> (default is manage)</td></tr> </tbody> </table> <p>If you did not change the password, the initial password is manage</p>	User Name	Password	Administrator	<what you changed it to> (default is manage)	
User Name	Password				
Administrator	<what you changed it to> (default is manage)				
<ol style="list-style-type: none"> 3. Change password upon login and add new Account. Provide Account detail and save it <p>Note: Please collect the details from the Instructor</p> <p>Please provide your Group ID as Location ID</p>					
<ol style="list-style-type: none"> 4. Click on subaccount on the left and make sure that it is in green which means Cloud Connector is connected to SAP Cloud Platform account. <p>If not connected please connect and make sure Account tab shows green</p>					

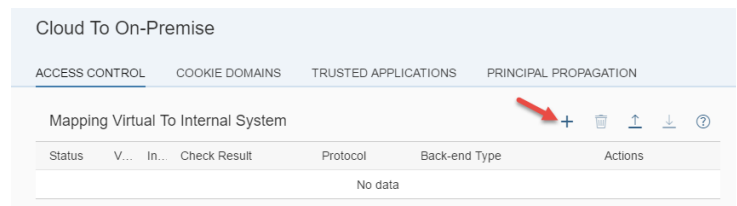
- Make sure that Account is configured, and Status is connected



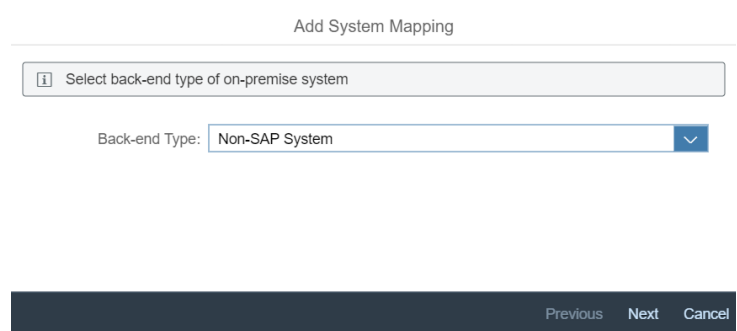
- Click on “Cloud To On-Premise” tab.



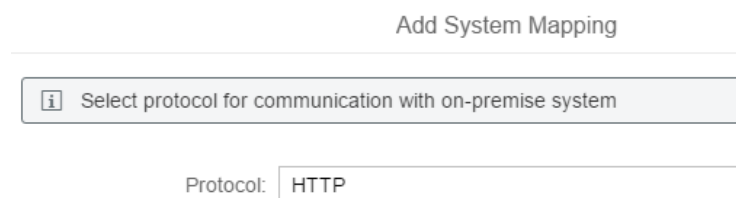
- Click the “Add” button



- Select “Non-Sap System” for the back-end type.



- Select “HTTP” for the protocol.



<p>10. Input the backend hostname or IP address and port.</p> <p>Note: The instructor will give the information</p>	<div><h3>Add System Mapping</h3><div><i>i</i> Enter internal (on-premise) host and port</div><div><div>*Internal Host:</div><div>34.123.45.67</div></div><div><div>*Internal Port:</div><div>8080</div></div></div>
<p>11. Input the virtual host information.</p> <p>Note: You can input any value here but for the exercise use the following setting base on the screenshot.</p>	<div><h3>Add System Mapping</h3><div><i>i</i> Optionally enter virtual names (used on cloud-side)</div><div><div>Virtual Host:</div><div>myHTTP</div></div><div><div>Virtual Port:</div><div>8000</div></div></div>
<p>12. Select “None” for the principal type.</p>	<div><h3>Add System Mapping</h3><div><i>i</i> Select principal type</div><div><div>Principal Type:</div><div>None</div></div></div>
<p>13. Continue to click “Next” and click “Finish”</p>	<div><h3>Add System Mapping</h3><div><i>i</i> Optionally enter a description</div><div><div>Description:</div><div></div></div><div><h4>Add System Mapping</h4><div><i>i</i> Summary</div><div><div>Protocol:</div><div>HTTP (None)</div></div><div><div>Internal:</div><div>34.123.45.67:8080</div></div><div><div>Virtual:</div><div>myHTTP:8000</div></div><div><div>Check Internal Host:</div><div><input type="checkbox"/></div></div></div><div><div>Previous</div><div>Finish</div><div>Cancel</div></div></div>

14. Select the mapped hostname and click “Add” button

Cloud To On-Premise

ACCESS CONTROL COOKIE DOMAINS TRUSTED APPLICATIONS PRINCIPAL PROPAGATION

Mapping Virtual To Internal System

Status	V...	In...	Check Result	Protocol	Back-end Type	Actions
◇	m...	3...	Unchecked	HTTP	SAP Gateway	🔍 ✎ 🗑️ 📄

Resources Accessible On myhttp:8000

Enabled	Status	URL Path	Access Policy	Actions
No data				

15. Input the following base on the screenshot and click “Save”

Note: in production landscape, the “/” should never be use.

Add Resource


*URL Path:

Enabled: ☒

Access Policy: ☐ Path only (sub-paths are excluded)
☒ Path and all sub-paths

Description:

Save Cancel

16. Click on  icon in the Actions column and you should see a status of “Reachable” for the “Check Result” column.

Cloud To On-Premise

ACCESS CONTROL COOKIE DOMAINS TRUSTED APPLICATIONS PRINCIPAL PROPAGATION

Mapping Virtual To Internal System

Status	Virtual Host	Internal Host	Check Result	Protocol	Back-end Type
☑			☑ Reachable	HTTP	Non-SAP System

Resources Accessible :8080

Enabled	Status	URL Path	Access Policy
☑	☑	/	Path and all sub-paths