

## Setup Cloud Connector and Destinations in SAP BTP

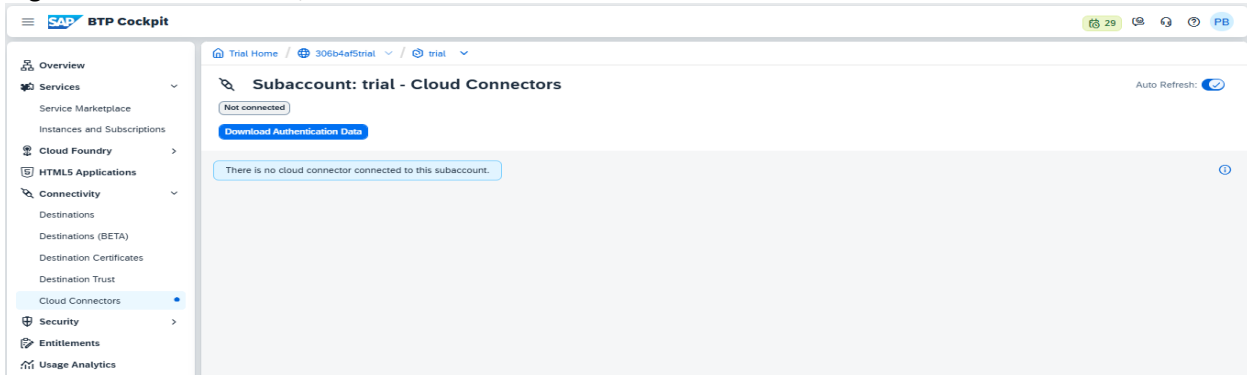
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## Setup the Cloud Connector

### Install Cloud Connector in the Local System

Login to the BTP Account, here cloud connector was not connected.



Follow the steps to install the cloud connector and connect it to the BTP

Go to the below URL to download the cloud connector

<https://tools.hana.ondemand.com/#cloud>

**Cloud Connector**

The Cloud Connector is an optional on-premise component that is needed to integrate on-demand applications with customer backend services and is the counterpart of SAP Connectivity service. For more information, see the [Cloud Connector documentation](#). Please check SAP note [3392250](#) for details about the support strategy of Cloud Connector. Exceptionally, the installers for the previous feature release 2.16 remain available for download, as 2.17 allows an upgrade starting from 2.13 only. The same is the case for applying backups. Thus you can still upgrade your no longer supported installation of Cloud Connector for very outdated releases. It is strongly recommended to plan upgrades of such versions as soon as possible, as the 2.16 installers will be withdrawn at the latest once the next feature release of Cloud Connector will be published.

**Note:** The Portable archives for Cloud Connector are meant for non-productive scenarios only. They can be used even if you don't have administrator permissions on the machine, on which you like to use the Cloud Connector. However, those variants do not support upgrades from previous versions.

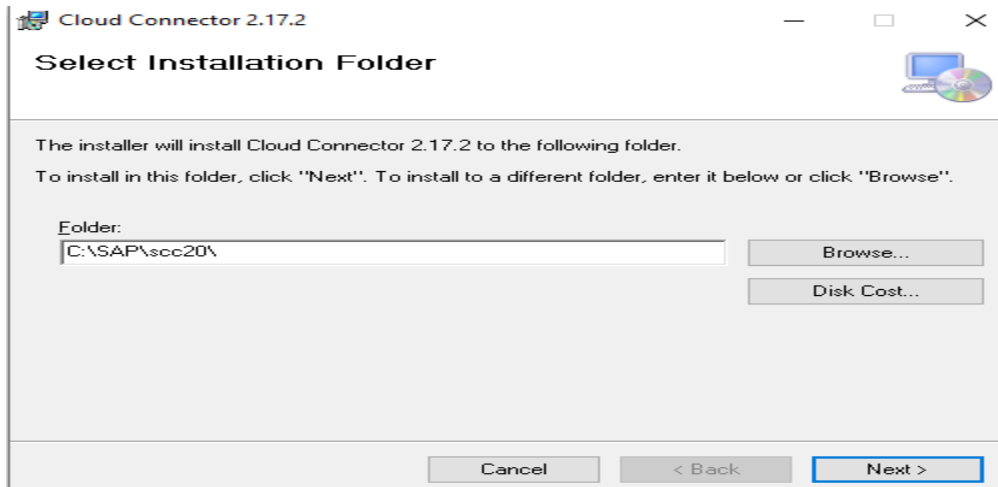
Operating System*	Architecture	Version	File Size	Download
Linux	x86_64	2.16.2	91.8 MB	<a href="#">sapcc-2.16.2-linux-x64.zip (sha1)</a>
Linux	ppc64le	2.17.2	103.8 MB	<a href="#">sapcc-2.17.2-linux-ppc64le.zip (sha1)</a>
Linux	x86_64	2.17.2	103.8 MB	<a href="#">sapcc-2.17.2-linux-x64.zip (sha1)</a>
Linux (Portable)	ppc64le	2.17.2	106.6 MB	<a href="#">sapcc-2.17.2-linux-ppc64le.tar.gz (sha1)</a>
Linux (Portable)	x86_64	2.17.2	106.5 MB	<a href="#">sapcc-2.17.2-linux-x64.tar.gz (sha1)</a>
Mac OS X (Portable)	x86_64	2.17.2	106.1 MB	<a href="#">sapcc-2.17.2-macosx-x64.tar.gz (sha1)</a>
Mac OS X (Portable)	aarch64	2.17.2	106.0 MB	<a href="#">sapcc-2.17.2-macosx-aarch64.tar.gz (sha1)</a>
Windows	x86_64	2.16.2	95.7 MB	<a href="#">sapcc-2.16.2-windows-x64.msi (sha1)</a>
Windows	x86_64	2.17.2	108.3 MB	<a href="#">sapcc-2.17.2-windows-x64.msi (sha1)</a>
Windows (Portable)	x86_64	2.17.2	105.9 MB	<a href="#">sapcc-2.17.2-windows-x64.zip (sha1)</a>

\*Read the [prerequisites](#) page of the documentation in order to inform yourself about the supported operating system versions and JVMs.

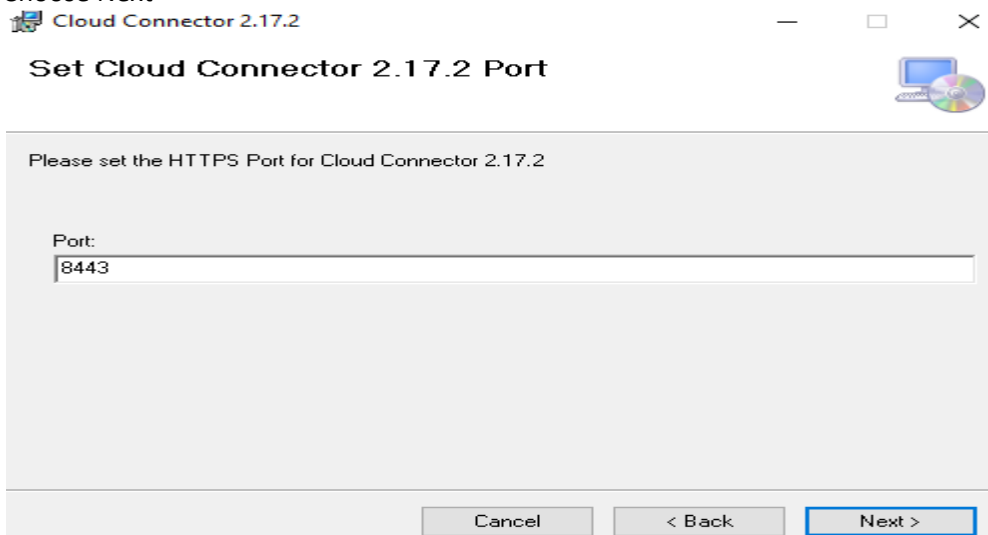
Select the downloaded file and double click on it.



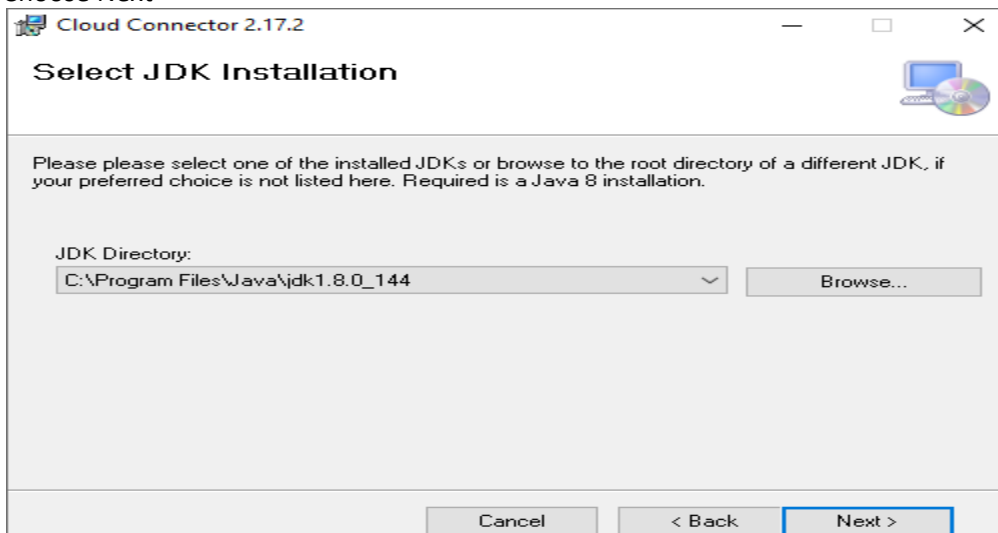
## Choose Next

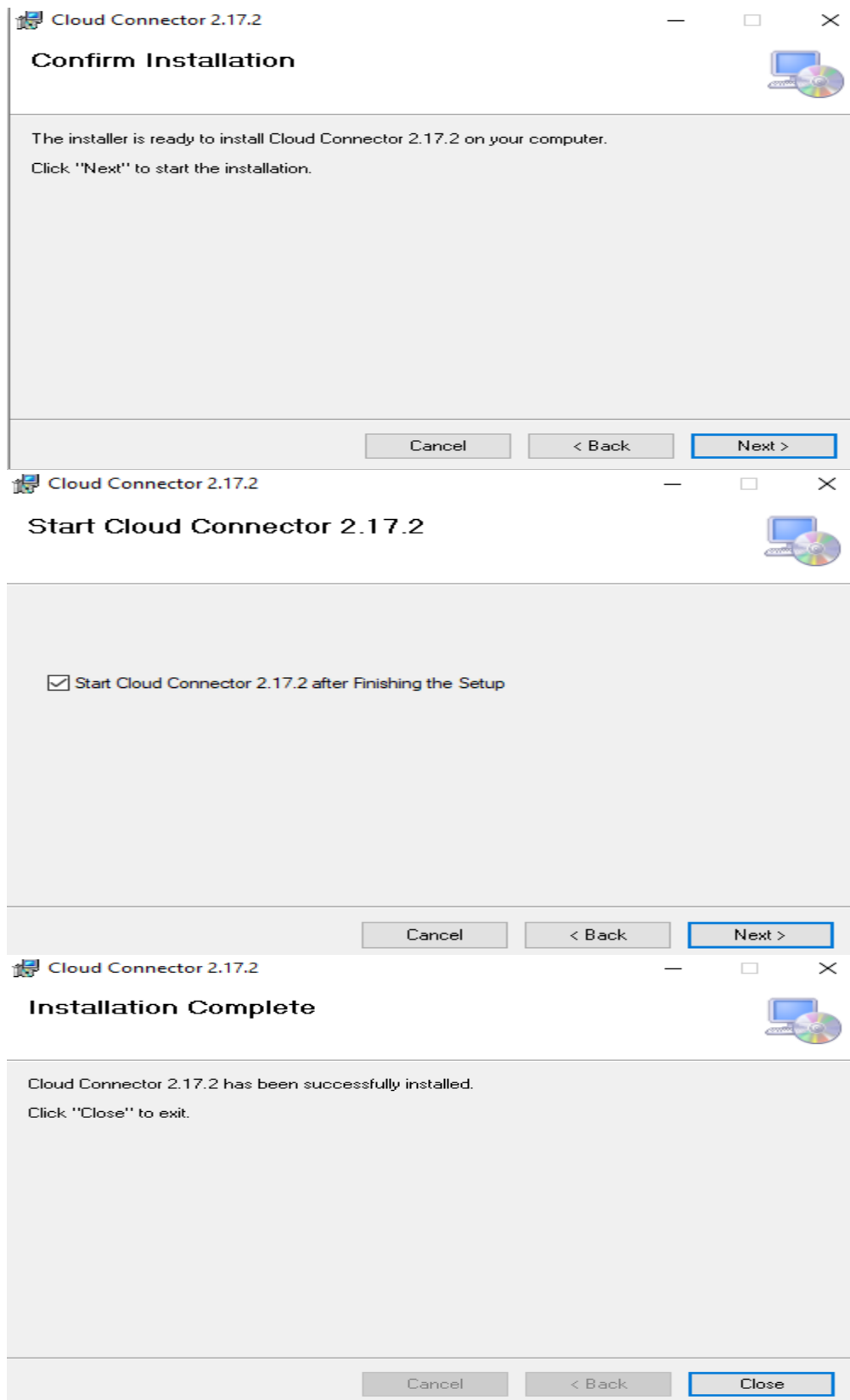


## Choose Next



## Choose Next

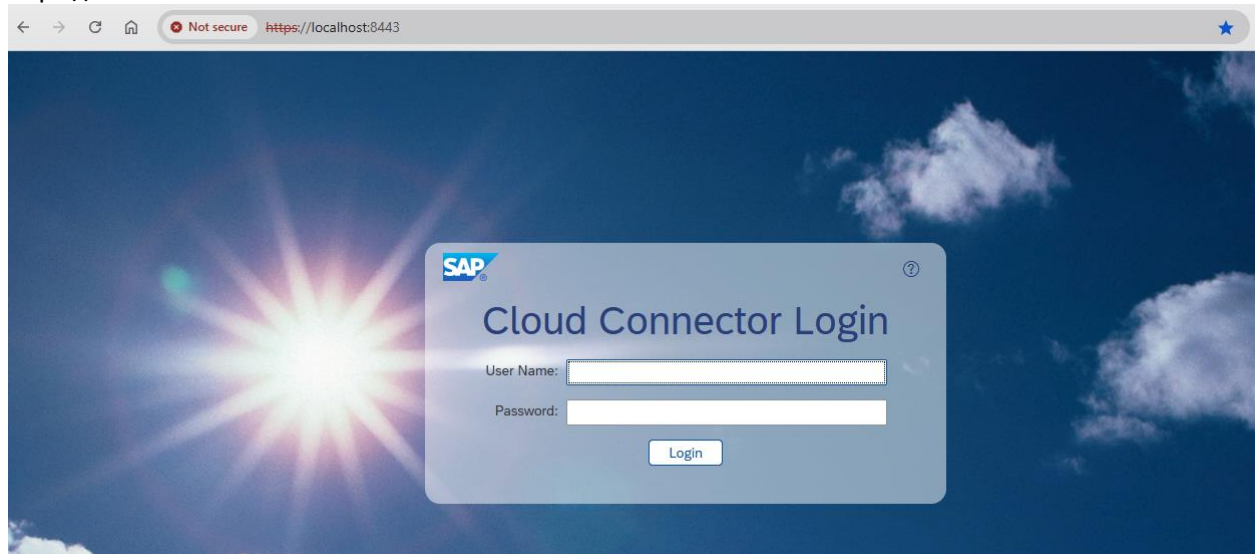




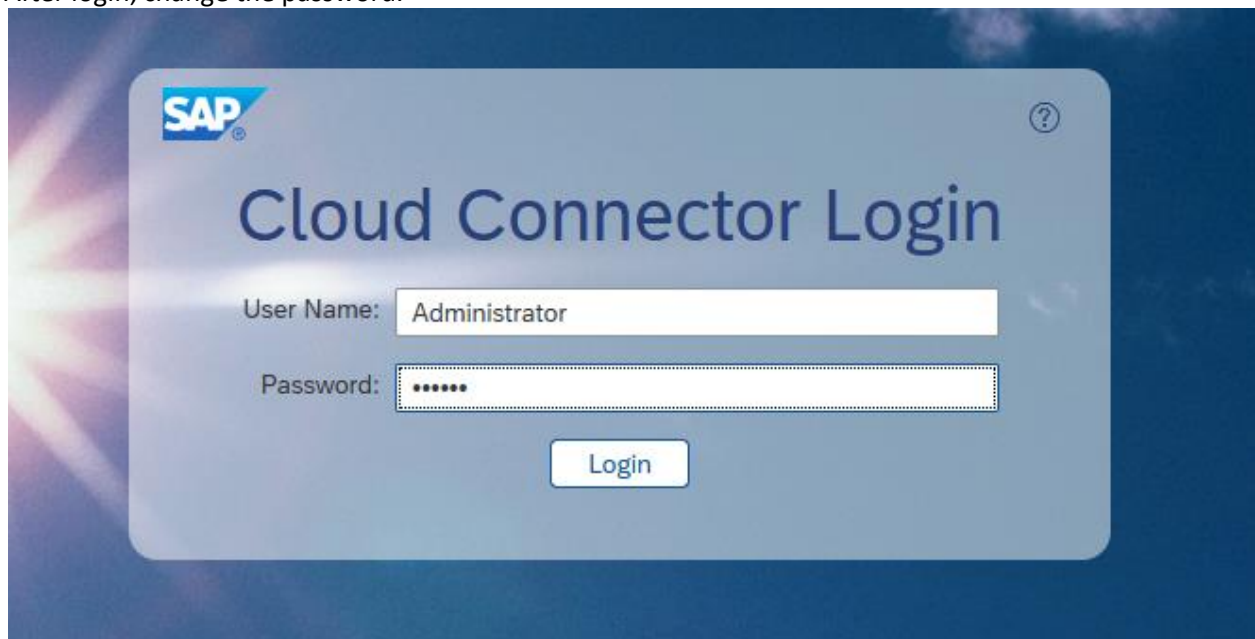
## Login to SAP Cloud Connector

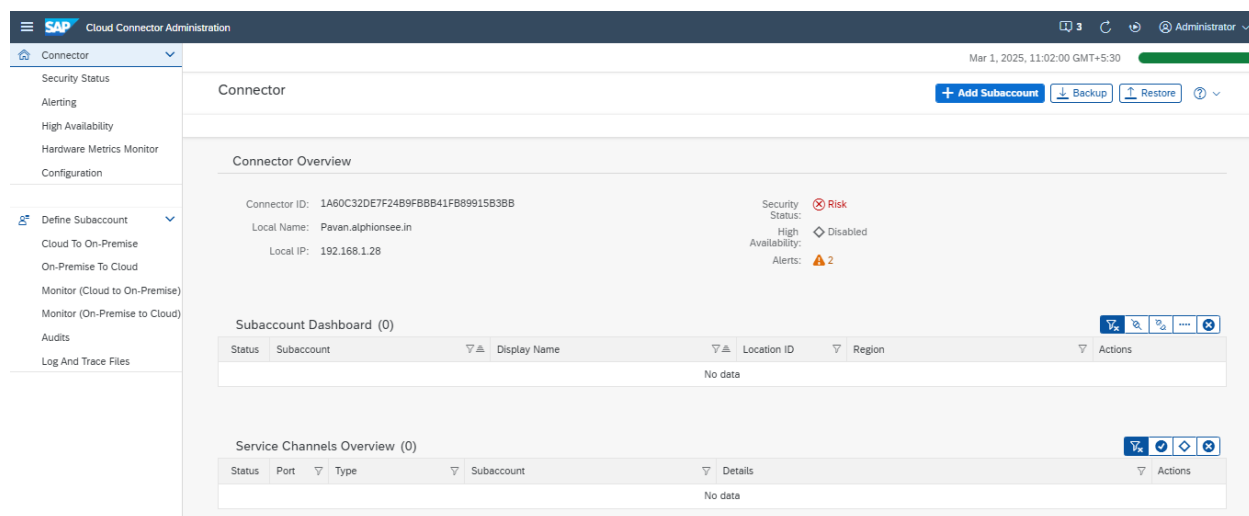
After installation, go to the below URL

<https://localhost:8443>



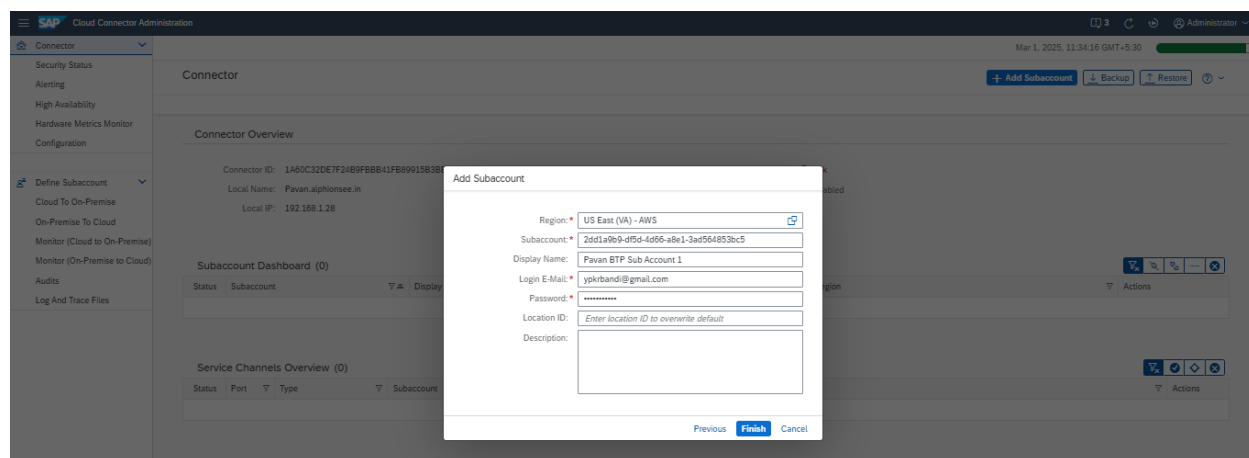
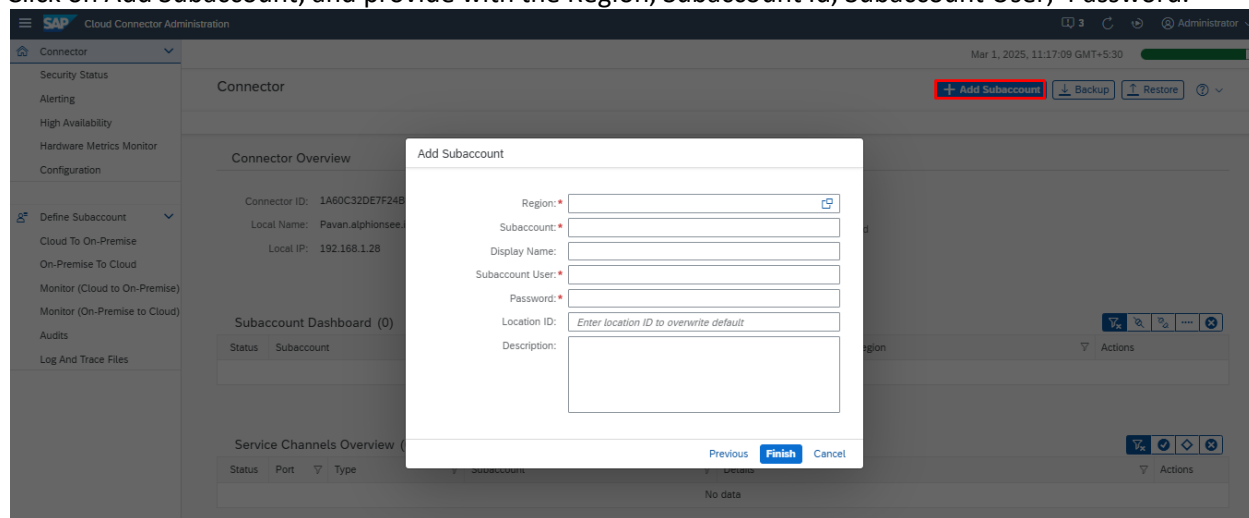
Login with the credentials, User Name – Administrator and Password – manage.  
After login, change the password.





## Assign BTP Sub Account in SAP Cloud Connector

Click on Add Subaccount, and provide with the Region, Subaccount Id, Subaccount User, Password.



Subaccount was added.

The screenshot shows the SAP Cloud Connector Administration interface. The left sidebar contains navigation options: Connector, Security Status, Alerting, High Availability, Hardware Metrics Monitor, Configuration, Pavan BTP Sub Account..., Cloud To On-Premise, On-Premise To Cloud, Monitor (Cloud to On-Premise), Monitor (On-Premise to Cloud), Audits, and Log And Trace Files. The main area displays the 'Connector Overview' for Connector ID 1A60C32DE7F24B9F8BB41F89915B3BB, Local Name Pavan.alphonsee.in, and Local IP 192.168.1.28. The Security Status is Risk, and High Availability is Disabled. Below this is the 'Subaccount Dashboard (1)' with a table showing one subaccount: Pavan BTP Sub Account 1, with Location ID 2dd1a9b9-df5d-4d56-a8e1-3ad564853bc5 and Region US East (VA) - AWS. The 'Service Channels Overview (0)' section is empty. A toast message at the bottom center says 'Subaccount was added'.

The screenshot shows the 'Pavan BTP Sub Account 1' details in the SAP Cloud Connector Administration interface. The left sidebar is the same as the previous screenshot. The main area displays the 'Subaccount Overview' for Subaccount 2dd1a9b9-df5d-4d56-a8e1-3ad564853bc5, Region US East (VA) - AWS, Region Host cf.us10.hana.ondemand.com, HTTPS Proxy checked, Subaccount Certificate checked (valid until 2026-03-01 11:36:39 +0530), and System Certificate checked. The 'Tunnel Information' section shows Status Connected, Tunnel ID account://2dd1a9b9-df5d-4d56-a8e1-3ad564853bc5, and Remote Name connectivitynotification.cf.us10.hana.ondemand.com. The 'Cloud Connections' section is empty.

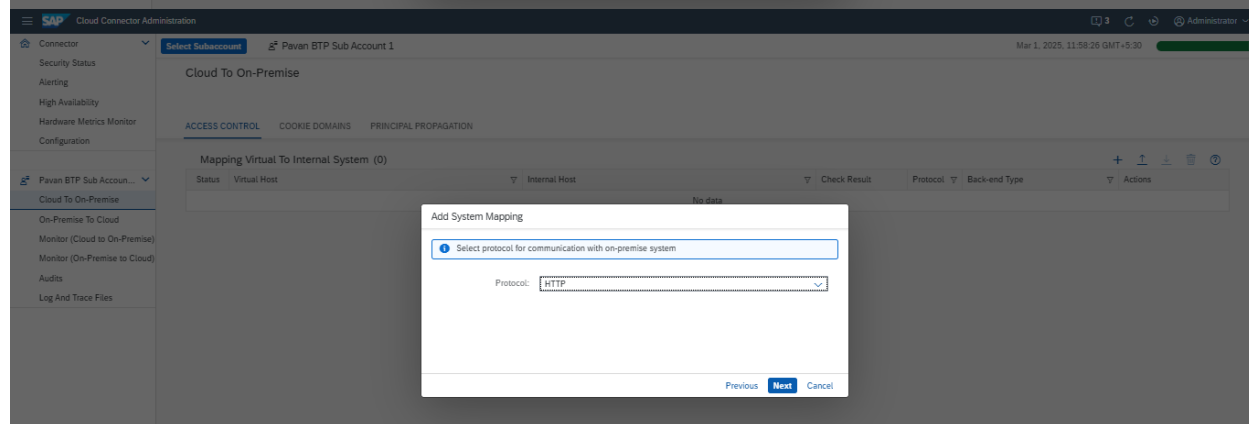
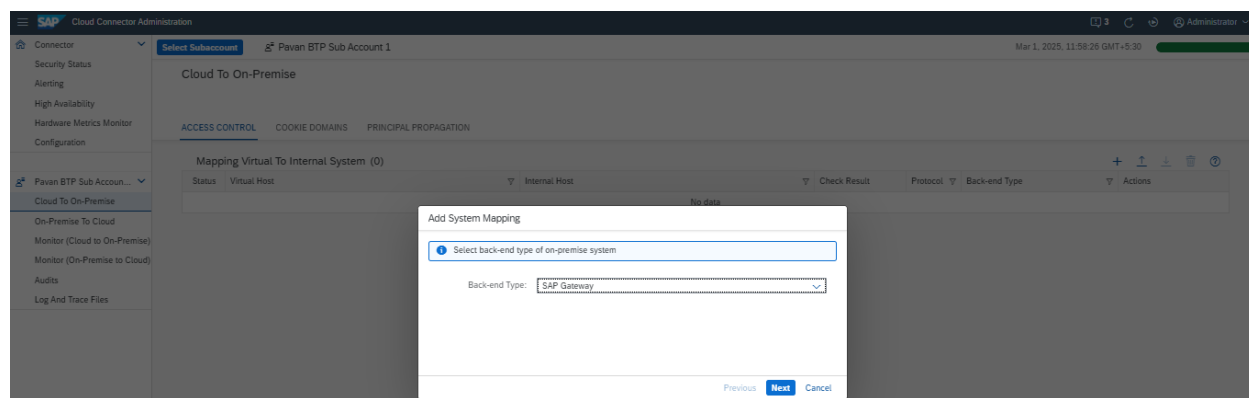
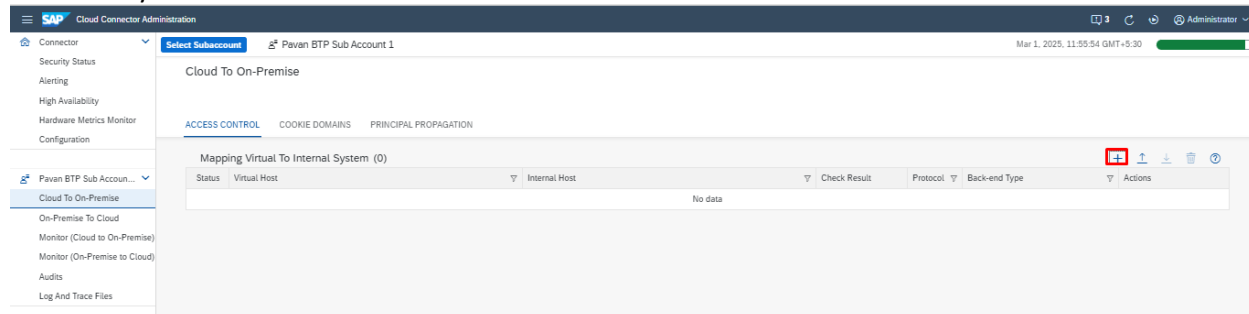
## Cloud Connector Status in BTP

Now, go to BTP Cloud Connector, cloud connector is connected.

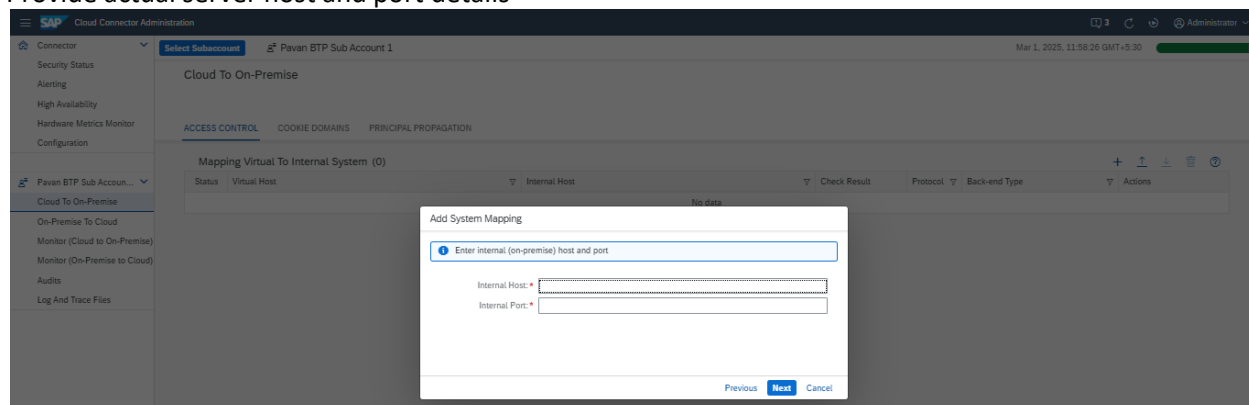
The screenshot shows the SAP BTP Cockpit interface. The left sidebar contains navigation options: Overview, Services, Service Marketplace, Instances and Subscriptions, Cloud Foundry, HTML5 Applications, Connectivity, Destinations, Destinations (BETA), Destination Certificates, Destination Trust, Cloud Connectors (selected), Security, Entitlements, Usage Analytics, and Legal Information. The main area displays the 'Subaccount: trial - Cloud Connectors' status. A green 'Connected' badge is shown. Below this is the 'Master Instance' section with details: Connector ID 1A60C32DE7F24B9F8BB41F89915B3BB, Connected since 01.03.2025 06:07:12, Initiated by ypkirbandi@gmail.com, Version 2.17.2, Java Version 1.8.0\_144 (Oracle Corporation), and High Availability inactive. The 'Exposed Back-End Systems' section is empty, showing a table with columns Host, Protocol, Back-End Type, and Resources. A toast message at the bottom right says 'Activate Windows Go to Settings to activate Windows.'

## Map Virtual Host for SAP Server in SAP Cloud Connector

Click on + symbol to add virtual Host details

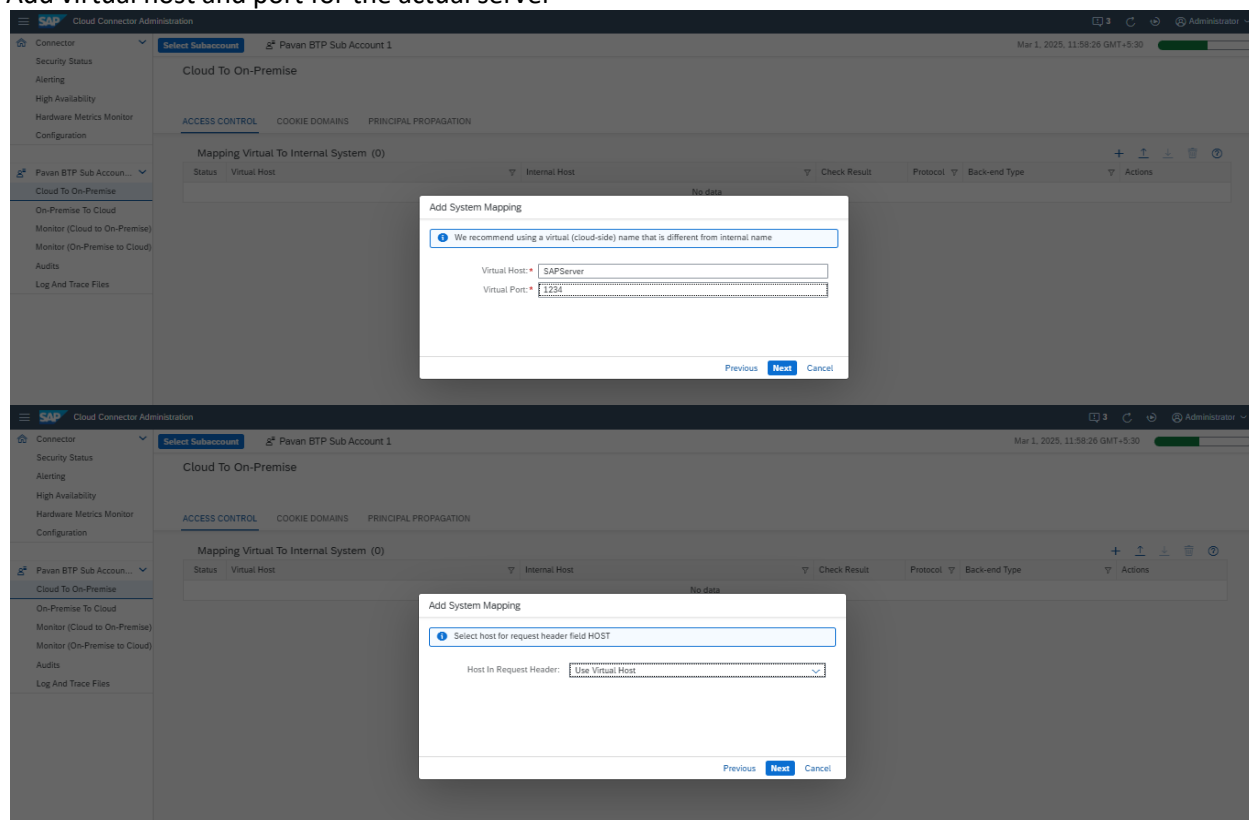


Provide actual server host and port details



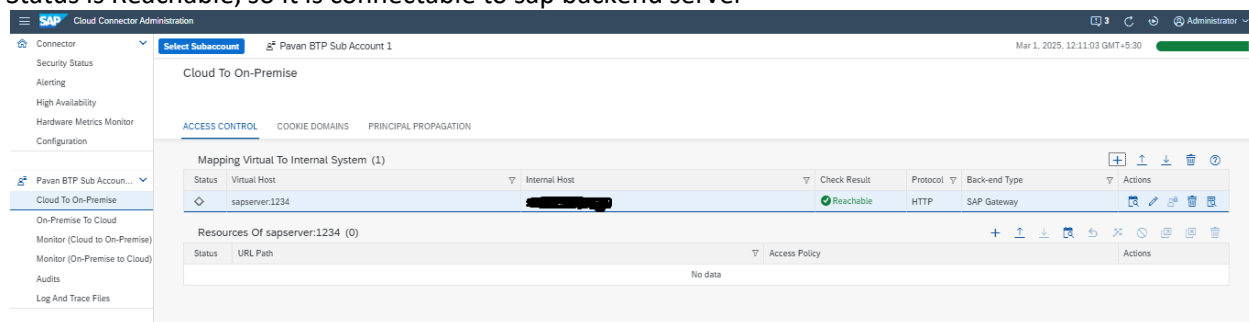


## Add virtual host and port for the actual server

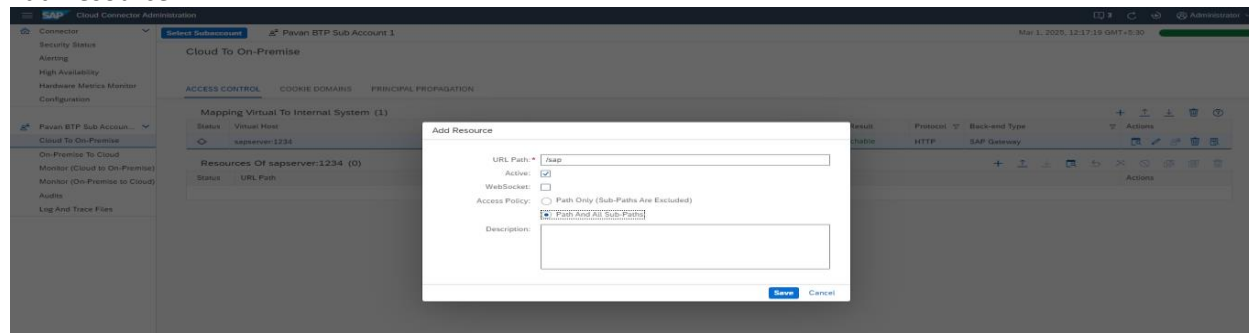


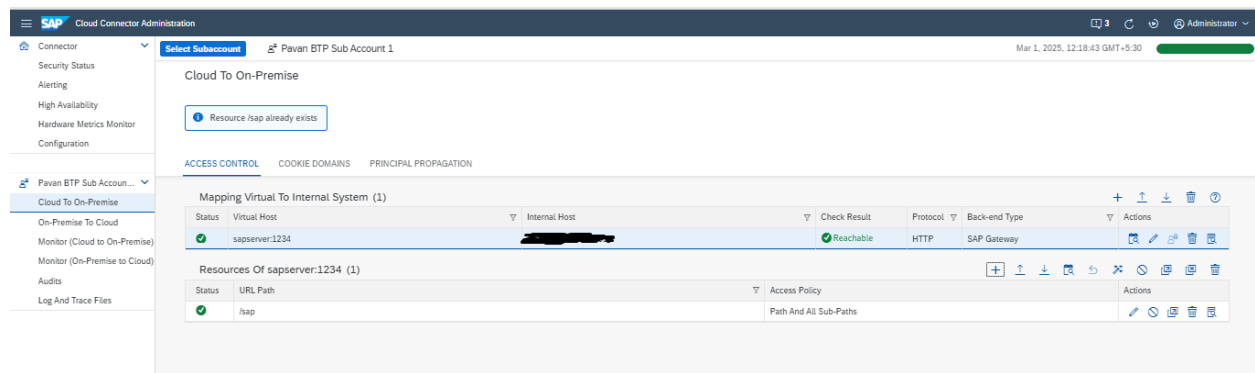
## Check Connection between Cloud Connector and SAP Backend Server

Status is Reachable, so it is connectable to sap backend server

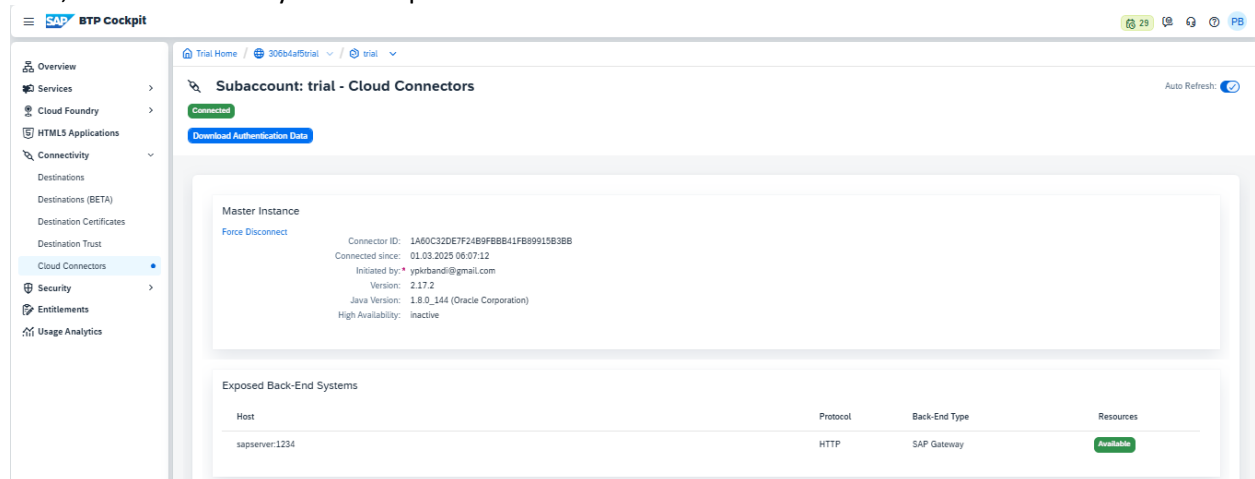


## Add Resource





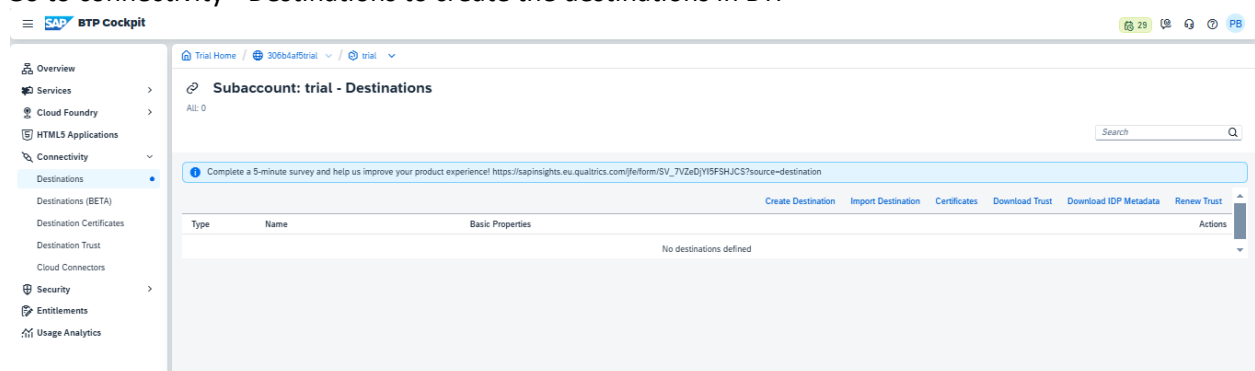
Now, virtual backend system is exposed in the cloud connector



## Setup Destinations in SAP BTP

### Create Service Destinations in SAP BTP

Go to connectivity->Destinations to create the destinations in BTP



Add the SAP system details.

Virtual Host with port should be added in the URL.

Choose the Authentication based on the requirement.

Add the SAP login Credentials.

Add the sap-client in the additional properties.

The screenshot shows the SAP BTP Cockpit interface. On the left, the 'Connectivity' menu is expanded, and 'Destinations' is selected. The main area displays the 'Subaccount: trial - Destinations' page. A 'Destination Configuration' dialog is open, showing the following details:

- Name:** A4H
- Type:** HTTP
- Description:** A4H
- URL:** http://sapserver:1234
- Proxy Type:** OnPremise
- Authentication:** BasicAuthentication
- Location ID:**
- User:** S4ABAF003
- Password:** www

In the 'Additional Properties' section, the 'sap-client' property is set to '100'. The 'Save' button is visible at the bottom left of the dialog.

## Check Destination Connection

Connection was successful.

This screenshot shows the same SAP BTP Cockpit interface as before, but with a 'Check Connection' dialog box overlaid. The dialog displays a green checkmark and the message 'Connection to "A4H" successful'. The 'Check Connection' button is highlighted with a red box in the bottom left corner of the destination configuration area.

Destination was added.

The screenshot shows the SAP BTP Cockpit interface with the 'Subaccount: trial - Destinations' page. The 'Destination Configuration' dialog is no longer open. The table below shows the newly added destination:

Type	Name	Basic Properties	Actions
HTTP	A4H	Authentication Proxy Type URL BasicAuthentication OnPremise http://sapserver:1234	

