

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

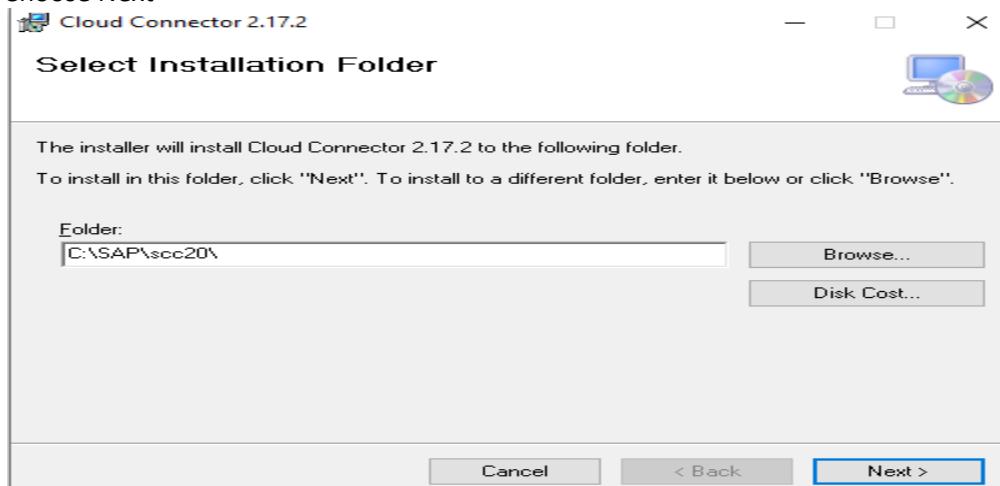
<https://tools.hana.ondemand.com/#cloud>

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

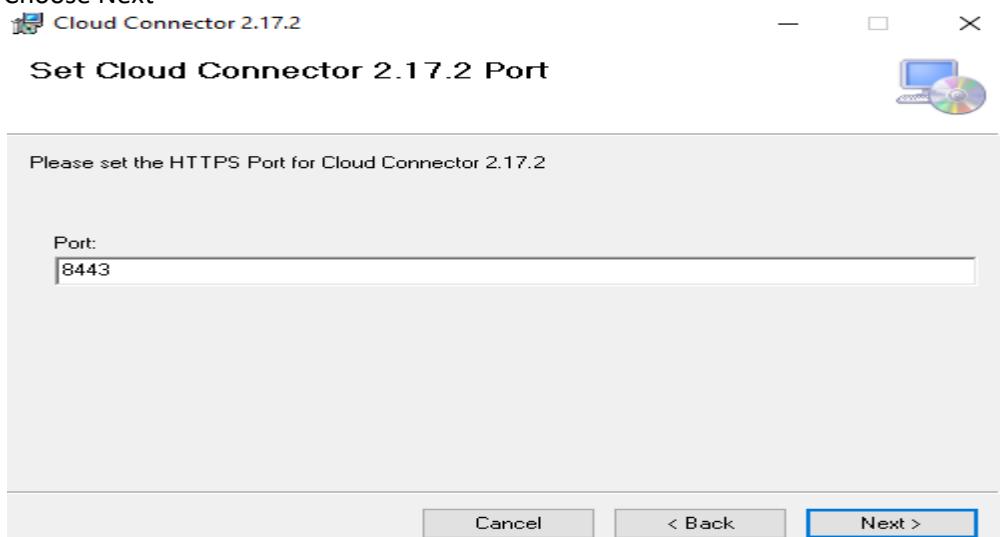
*Read the [prerequisites](#) page of the documentation in order to inform yourself about the supported operating system versions and JVMs.

Select the downloaded file and double click on it.

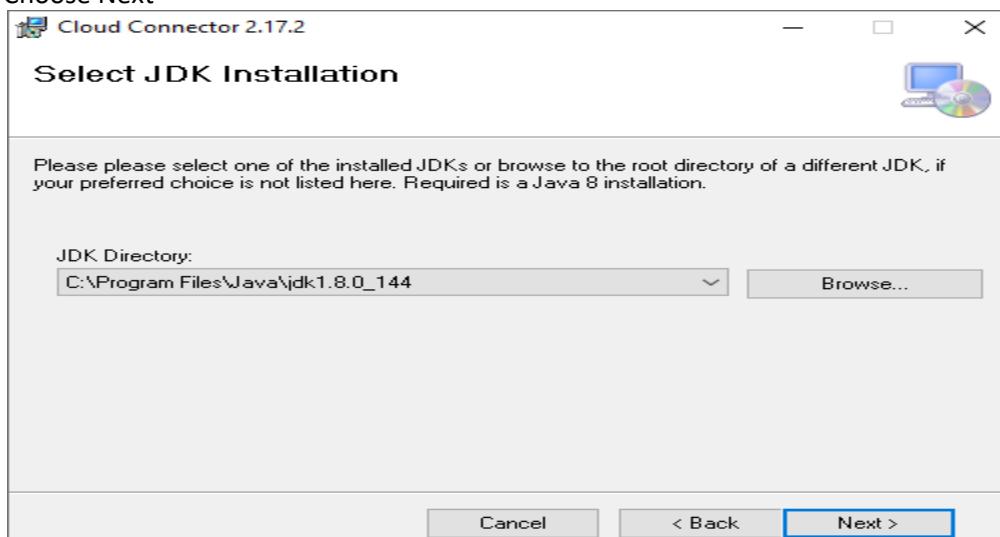
Choose Next

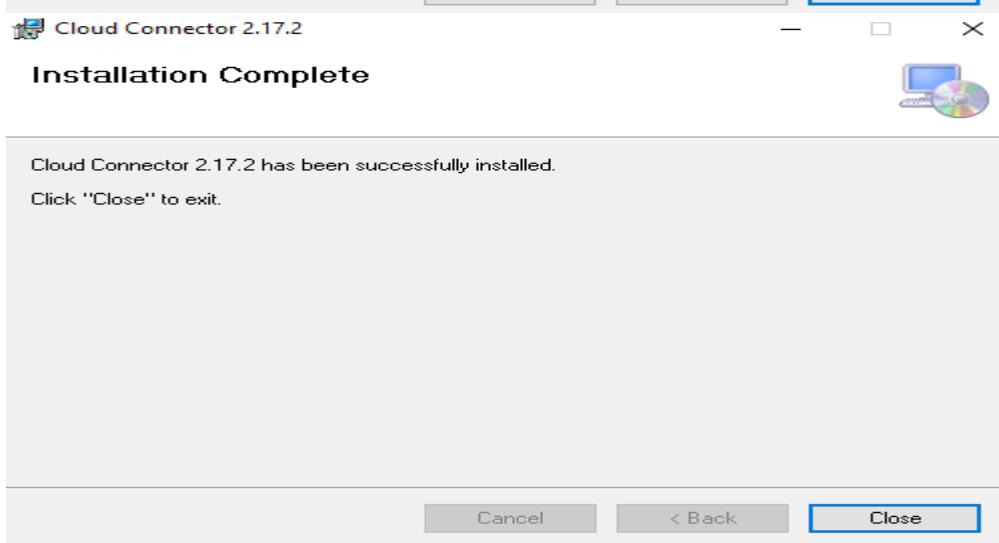
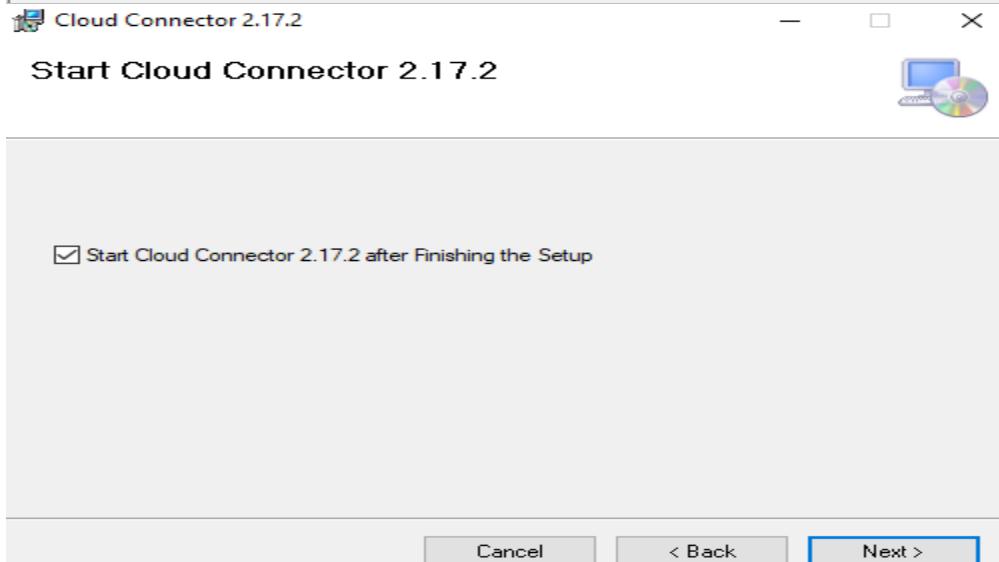
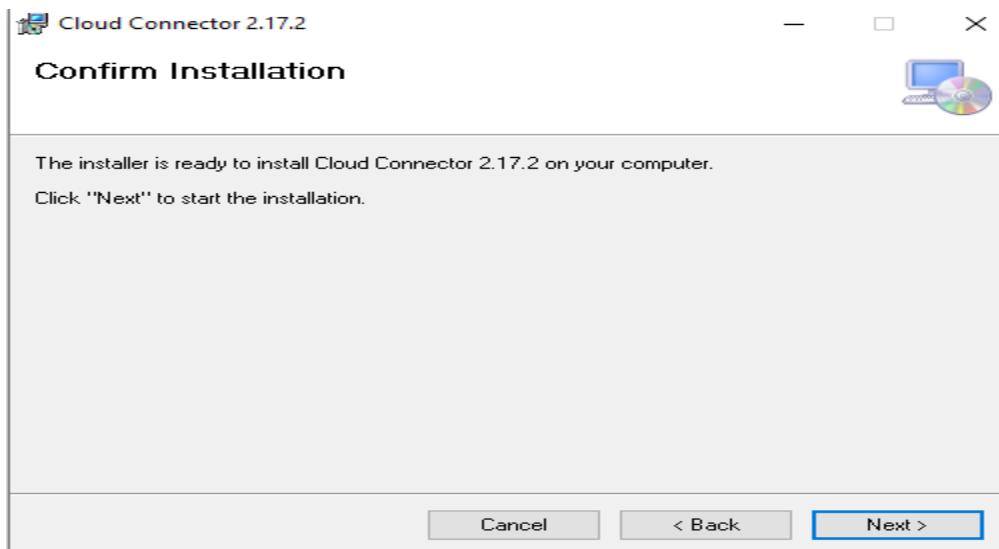


Choose Next



Choose Next

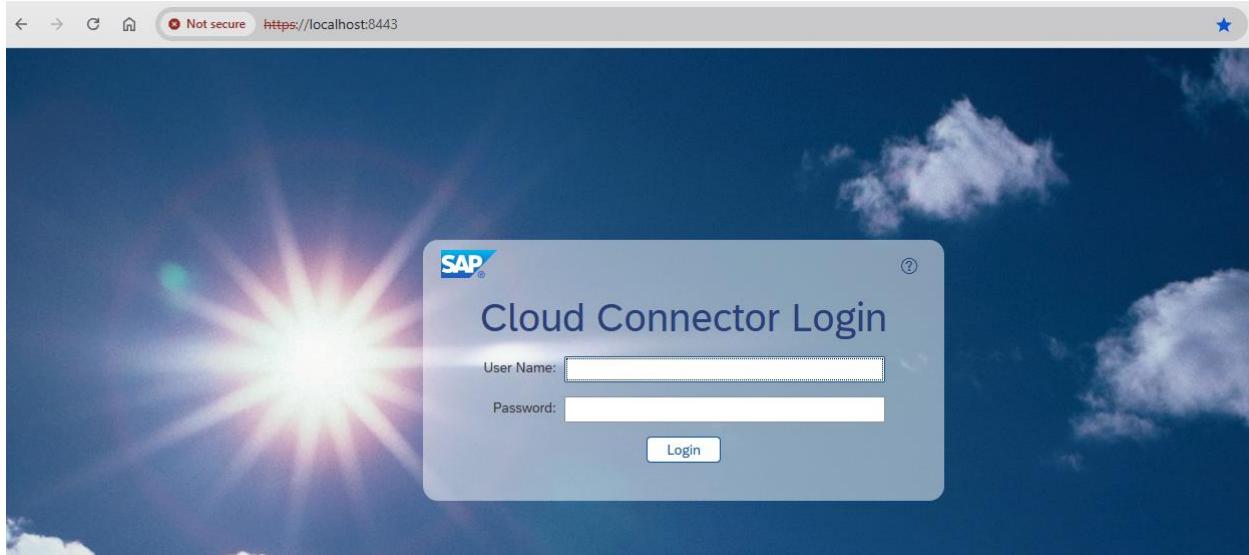




Login to SAP Cloud Connector

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.



Connector Overview

Connector ID: 1A60C32DE7F24B9FBBB41FB89915B3BB
Local Name: Pavan.alphonsee.in
Local IP: 192.168.1.28

Security Status: ✖ Risk
High Availability: ◊ Disabled
Alerts: ⚠ 2

Subaccount Dashboard (0)

Status	Subaccount	Display Name	Location ID	Region	Actions
No data					

Service Channels Overview (0)

Status	Port	Type	Subaccount	Details	Actions
No data					

Assign BTP Sub Account in SAP Cloud Connector

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

Add Subaccount

Region: *

Subaccount: *

Display Name:

Subaccount User: *

Password: *

Location ID: Enter location ID to overwrite default

Description:

Previous Finish Cancel

Add Subaccount

Region: * US East (VA) - AWS

Subaccount: * 2dd1a9b9-df5d-4d66-a8e1-3ad564853bc5

Display Name: Pavan BTP Sub Account 1

Login E-Mail: * ypkrbandi@gmail.com

Password: *

Location ID: Enter location ID to overwrite default

Description:

Previous Finish Cancel

Subaccount was added.

The screenshot shows the SAP Cloud Connector Administration interface. On the left, a sidebar lists various monitoring and configuration options under the 'Pavan BTP Sub Account...' section. The main content area has tabs for 'Select Subaccount' and 'Cross-Subaccount'. Under 'Select Subaccount', the 'Connector' tab is selected, showing 'Connector Overview' with details like Connector ID, Local Name, Local IP, Security Status (Risk), High Availability (Disabled), and Alerts (2). Below this is the 'Subaccount Dashboard' with a single entry for 'Pavan BTP Sub Account 1'. Further down is the 'Service Channels Overview' table, which is currently empty. A message box at the bottom center says 'Subaccount was added.' In the bottom right corner, there's a reminder to 'Activate Windows'.

This screenshot shows the same SAP Cloud Connector Administration interface, but it is now focused on the 'Pavan BTP Sub Account 1' entry. The 'Subaccount Overview' section displays basic information such as Region (US East (VA) - AWS), Region Host (cf.us10.hana.ondemand.com), and Subaccount Certificate (valid until 2026-03-01 11:36:39 +0530). The 'Tunnel Information' section shows a connected tunnel with ID account://2dd1a9b9-df5d-4d66-a8e1-3ad564853bc5 and Remote Name connectivity.notification.cf.us10.hana.ondemand.com. The 'Cloud Connections' section is currently empty. The bottom right corner still shows the 'Activate Windows' reminder.

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 has a 'Cloud Connectors' section highlighted. The main content area is titled 'Subaccount: trial - Cloud Connectors' and shows a 'Connected' status. It provides detailed information about the 'Master Instance', including Connector ID (1A60C32DE7F24B9FBBB41FB89915B3BB), Connected since (01.03.2025 06:07:12), Initiated by (ypkrbandi@gmail.com), Version (2.17.2), Java Version (1.8.0_144 (Oracle Corporation)), and High Availability (inactive). Below this is a section for 'Exposed Back-End Systems', which notes that no back-end systems are configured. A message box at the bottom right says '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

The screenshot shows the SAP Cloud Connector Administration interface. The left sidebar shows navigation options like Connector, Security Status, Alerting, High Availability, Hardware Metrics Monitor, Configuration, and specific subaccounts. The main area is titled 'Cloud To On-Premise' under 'ACCESS CONTROL'. A sub-section 'Mapping Virtual To Internal System (0)' is selected. A modal dialog is open for 'Add System Mapping', prompting for a virtual host name ('SAPServer') and port ('1234'). Below the dialog, the next step in the wizard is visible.

Check Connection between Cloud Connector and SAP Backend Server

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

The screenshot shows the SAP Cloud Connector Administration interface. The left sidebar shows navigation options like Connector, Security Status, Alerting, High Availability, Hardware Metrics Monitor, Configuration, and specific subaccounts. The main area is titled 'Cloud To On-Premise' under 'ACCESS CONTROL'. A sub-section 'Mapping Virtual To Internal System (1)' is selected, showing a table with one entry for 'sapserver:1234'. The status column indicates the connection is 'Reachable'.

Add Resource

The screenshot shows the SAP Cloud Connector Administration interface. The left sidebar shows navigation options like Connector, Security Status, Alerting, High Availability, Hardware Metrics Monitor, Configuration, and specific subaccounts. The main area is titled 'Cloud To On-Premise' under 'ACCESS CONTROL'. A sub-section 'Mapping Virtual To Internal System (1)' is selected, showing a table with one entry for 'sapserver:1234'. A modal dialog is open for 'Add Resource', allowing configuration of URL Path ('/sap'), Active status ('Active' checked), WebSocket support ('WebSocket' checked), Access Policy ('Path And All Sub-Paths' selected), and a Description field.

The screenshot shows the SAP Cloud Connector Administration interface. A message at the top says "Resource /sap already exists". Below it, under "ACCESS CONTROL", there are two tables: "Mapping Virtual To Internal System (1)" and "Resources Of sapserver:1234 (1)". The first table has one row with "sapserver:1234" as the virtual host and a blacked-out internal host. The second table has one row with "/sap" as the URL Path and "Path And All Sub-Paths" as the Access Policy.

Now, virtual backend system is exposed in the cloud connector

The screenshot shows the SAP BTP Cockpit interface. Under "Cloud Connectors", it shows a "Master Instance" with details: Connector ID: 1A60C32DE7F24B9FBBB41FB8991583BB, Connected since: 01.03.2025 06:07:12, Initiated by: * ypkbandi@gmail.com, Version: 2.17.2, Java Version: 1.8.0_144 (Oracle Corporation), and High Availability: inactive. Below this, under "Exposed Back-End Systems", there is a table with one row: "Host" sapserver:1234, "Protocol" HTTP, "Back-End Type" SAP Gateway, and "Resources" Available.

Setup Destinations in SAP BTP

Create Service Destinations in SAP BTP

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

The screenshot shows the SAP BTP Cockpit interface. Under "Destinations", it shows a table for "Subaccount: trial - Destinations". The table has columns: Type, Name, Basic Properties, Create Destination, Import Destination, Certificates, Download Trust, Download IDP Metadata, Renew Trust, and Actions. There are no destinations defined.

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 for creating a destination. The left sidebar has 'Destinations' selected under 'Connectivity'. The main area shows a table with one row for 'A4H' (Type: HTTP). In the 'Additional Properties' section, there is a dropdown set to 'sap client' with a value of '100'.

Check Destination Connection

Connection was successful.

The screenshot shows the SAP BTP Cockpit interface with the 'Check Connection' button highlighted. A modal dialog box appears with the message 'Connection to "A4H" successful.' and a 'Close' button.

Destination was added.

The screenshot shows the SAP BTP Cockpit interface with the 'Destinations' section selected. The table lists one destination: 'A4H' (Type: HTTP). The 'Actions' column for this entry includes edit, clone, export, delete, and check connection buttons.

