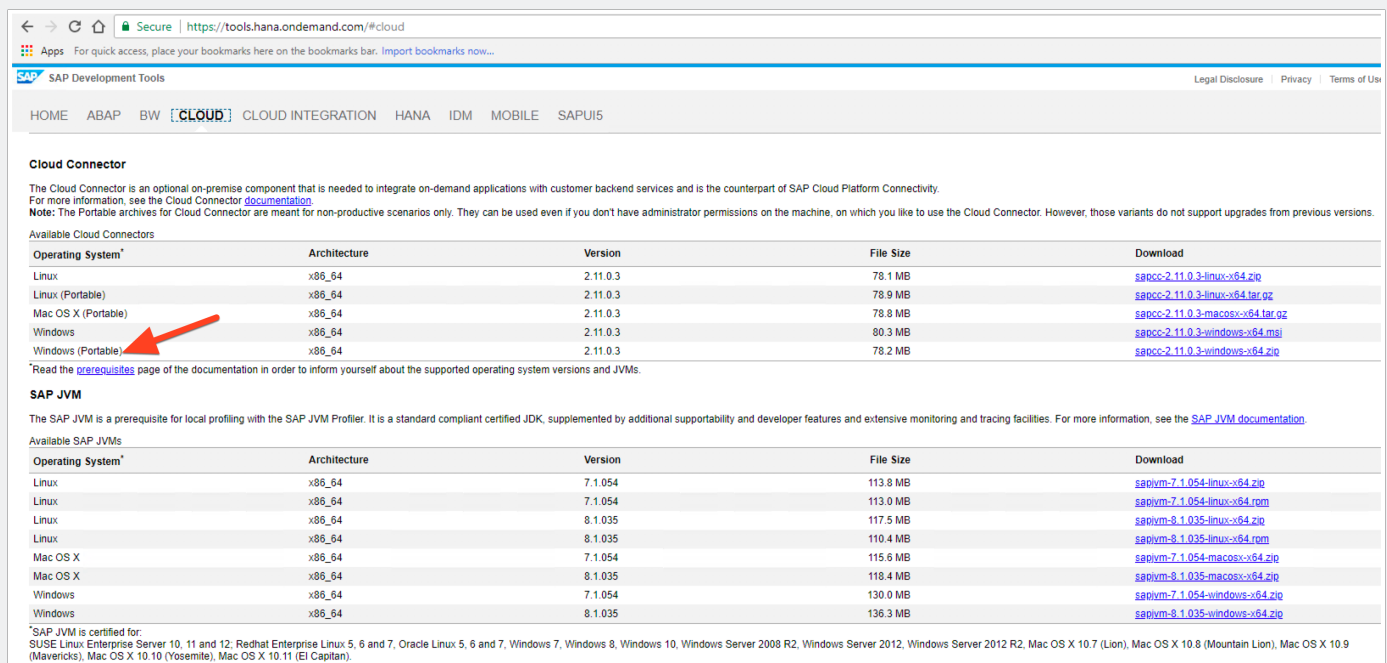


## Download the Cloud Connector

Open a web browser and navigate to <https://tools.hana.ondemand.com>

Select the Cloud tab and Scroll down to the Cloud Connector. Download the Windows (Portable) Version.



The screenshot shows the SAP Development Tools website. The 'CLOUD' tab is selected in the navigation bar. The 'Cloud Connector' section is visible, with a red arrow pointing to the 'Windows (Portable)' row in the 'Available Cloud Connectors' table.

**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 Cloud Platform Connectivity. For more information, see the Cloud Connector [documentation](#).

**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.

Available Cloud Connectors

Operating System*	Architecture	Version	File Size	Download
Linux	x86_64	2.11.0.3	78.1 MB	<a href="#">sapcc-2.11.0.3-linux-x64.zip</a>
Linux (Portable)	x86_64	2.11.0.3	78.9 MB	<a href="#">sapcc-2.11.0.3-linux-x64.tar.gz</a>
Mac OS X (Portable)	x86_64	2.11.0.3	78.8 MB	<a href="#">sapcc-2.11.0.3-macos-x64.tar.gz</a>
Windows	x86_64	2.11.0.3	80.3 MB	<a href="#">sapcc-2.11.0.3-windows-x64.msi</a>
Windows (Portable)	x86_64	2.11.0.3	78.2 MB	<a href="#">sapcc-2.11.0.3-windows-x64.zip</a>

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

**SAP JVM**

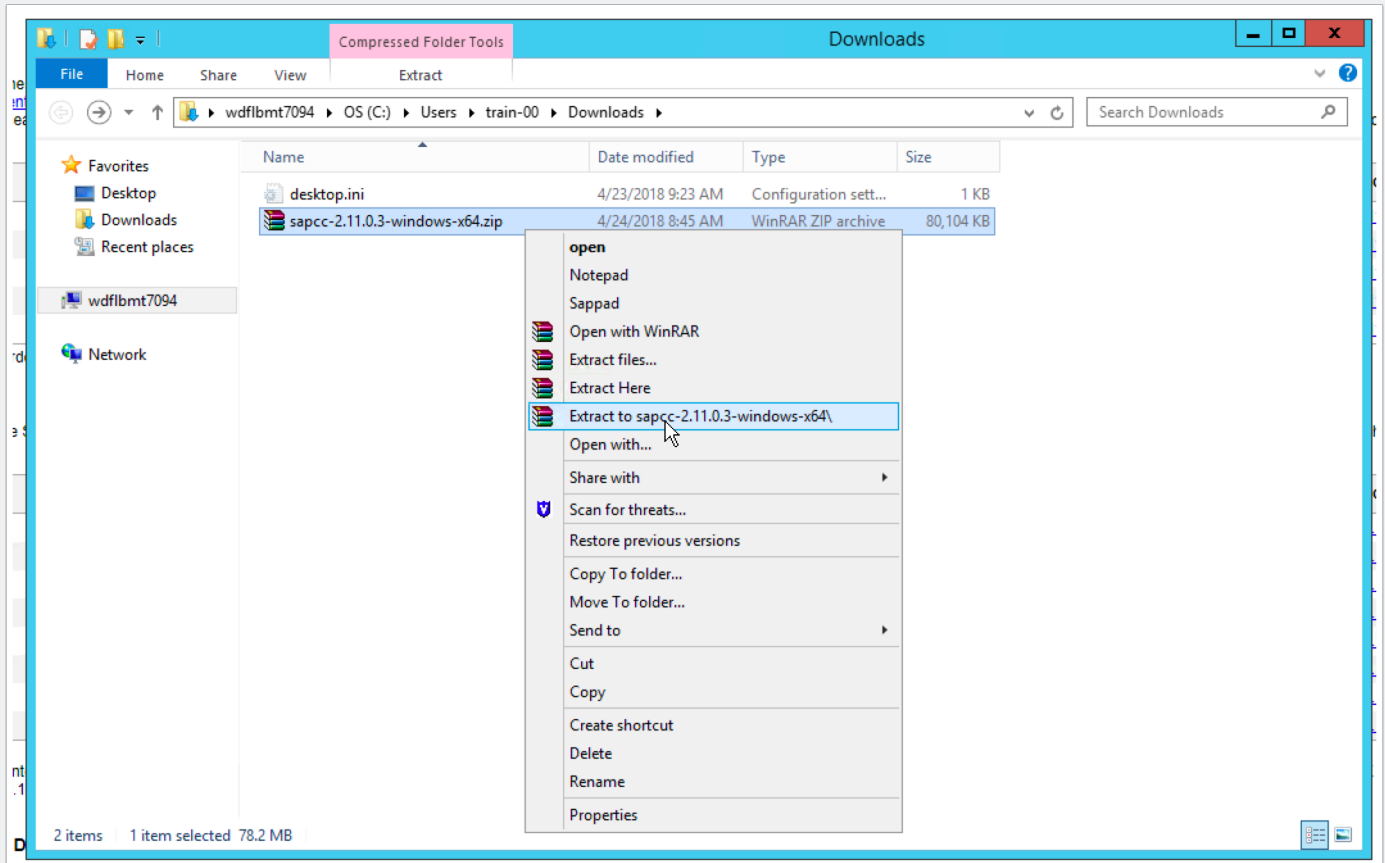
The SAP JVM is a prerequisite for local profiling with the SAP JVM Profiler. It is a standard compliant certified JDK, supplemented by additional supportability and developer features and extensive monitoring and tracing facilities. For more information, see the [SAP JVM documentation](#).

Available SAP JVMs

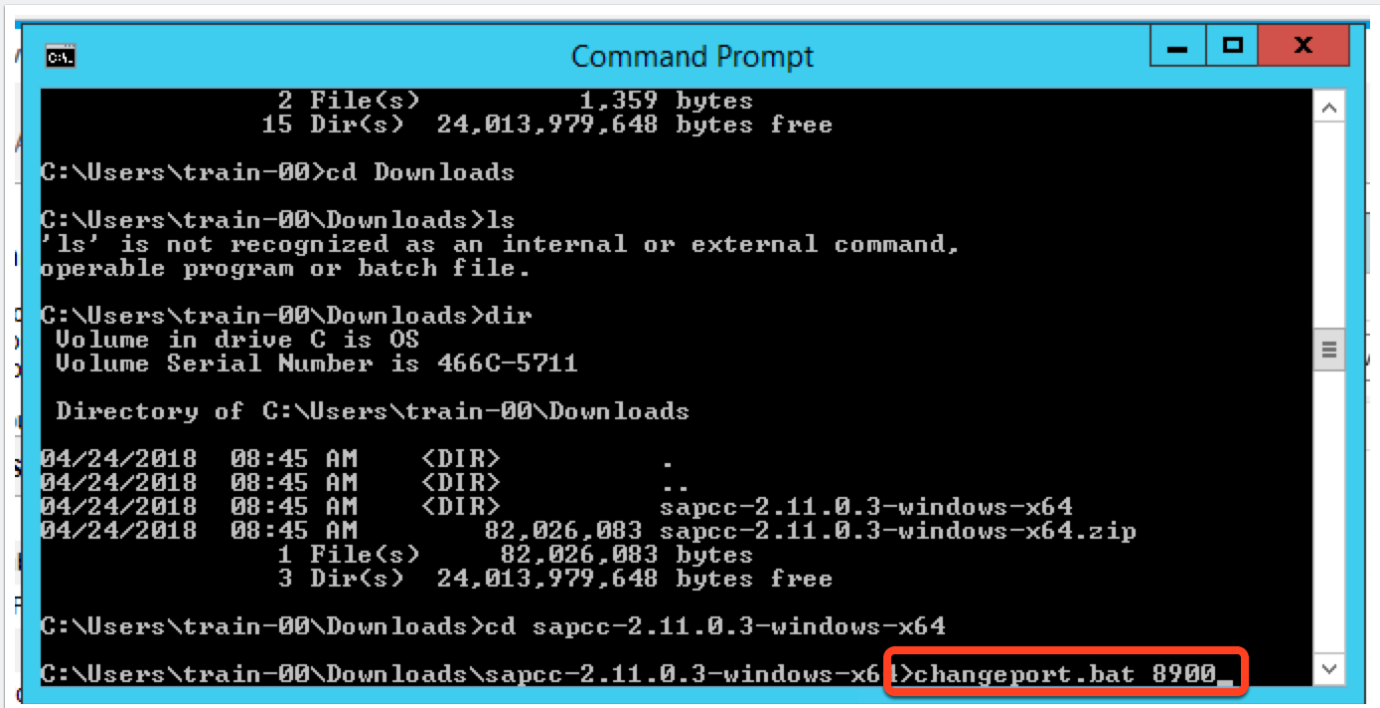
Operating System*	Architecture	Version	File Size	Download
Linux	x86_64	7.1.054	113.8 MB	<a href="#">sapjvm-7.1.054-linux-x64.zip</a>
Linux	x86_64	7.1.054	113.0 MB	<a href="#">sapjvm-7.1.054-linux-x64.rpm</a>
Linux	x86_64	8.1.035	117.5 MB	<a href="#">sapjvm-8.1.035-linux-x64.zip</a>
Linux	x86_64	8.1.035	110.4 MB	<a href="#">sapjvm-8.1.035-linux-x64.rpm</a>
Mac OS X	x86_64	7.1.054	115.6 MB	<a href="#">sapjvm-7.1.054-macos-x64.zip</a>
Mac OS X	x86_64	8.1.035	118.4 MB	<a href="#">sapjvm-8.1.035-macos-x64.zip</a>
Windows	x86_64	7.1.054	130.0 MB	<a href="#">sapjvm-7.1.054-windows-x64.zip</a>
Windows	x86_64	8.1.035	136.3 MB	<a href="#">sapjvm-8.1.035-windows-x64.zip</a>

\*SAP JVM is certified for:  
SUSE Linux Enterprise Server 10, 11 and 12; Redhat Enterprise Linux 5, 6 and 7; Oracle Linux 5, 6 and 7; Windows 7, Windows 8, Windows 10, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2; Mac OS X 10.7 (Lion), Mac OS X 10.8 (Mountain Lion), Mac OS X 10.9 (Mavericks), Mac OS X 10.10 (Yosemite), Mac OS X 10.11 (El Capitan).

## Common Training



## Common Training



The screenshot shows a Windows Command Prompt window titled "Command Prompt". The window has a blue title bar with standard Windows window controls (minimize, maximize, close). The command history is as follows:

```
C:\Users\train-00>cd Downloads
C:\Users\train-00\Downloads>ls
'ls' is not recognized as an internal or external command,
operable program or batch file.
C:\Users\train-00\Downloads>dir
Volume in drive C is OS
Volume Serial Number is 466C-5711

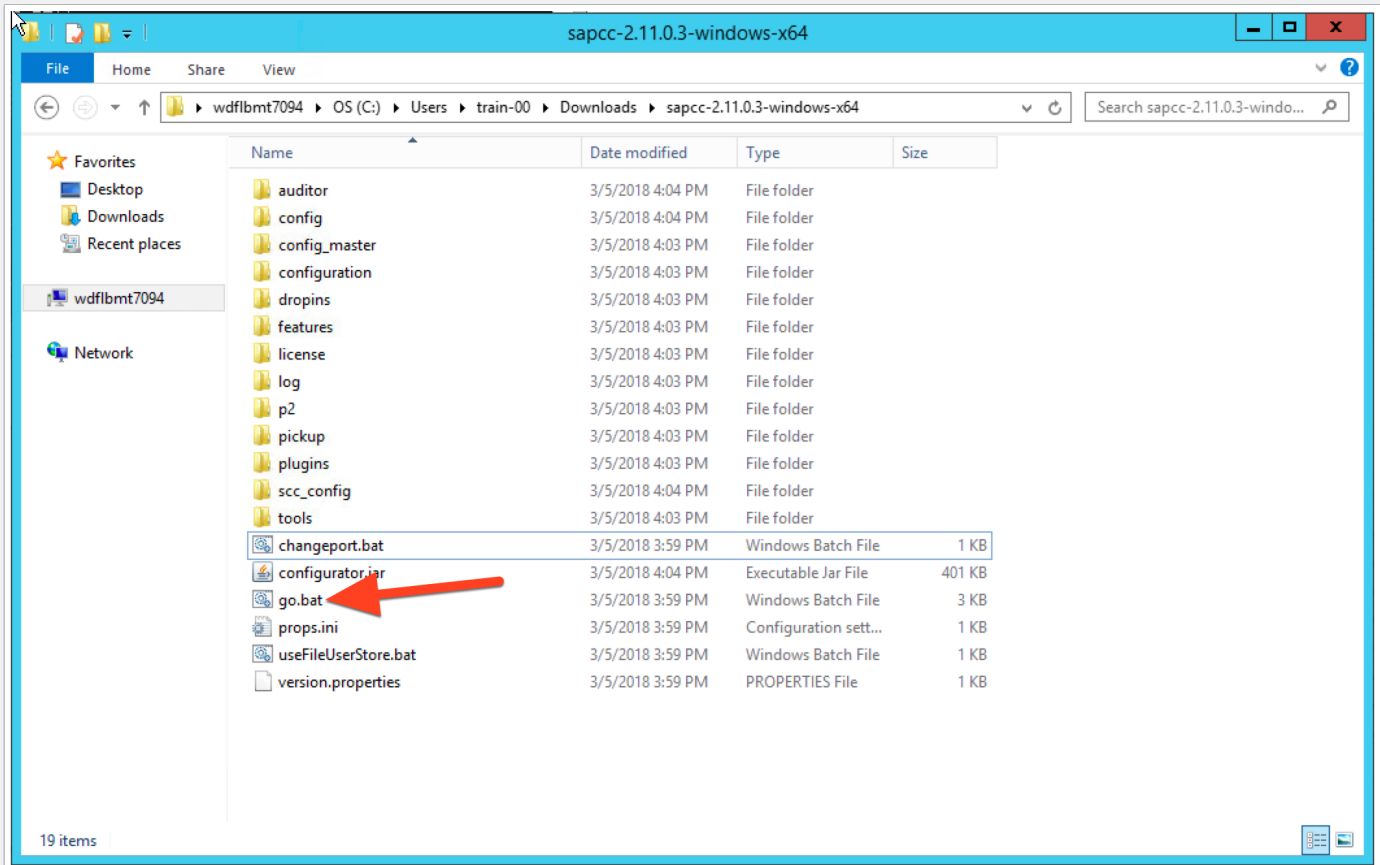
Directory of C:\Users\train-00\Downloads

04/24/2018  08:45 AM    <DIR>          .
04/24/2018  08:45 AM    <DIR>          ..
04/24/2018  08:45 AM    <DIR>          sapcc-2.11.0.3-windows-x64
04/24/2018  08:45 AM             82,026,083  sapcc-2.11.0.3-windows-x64.zip
               1 File(s)             82,026,083 bytes
               3 Dir(s)  24,013,979,648 bytes free

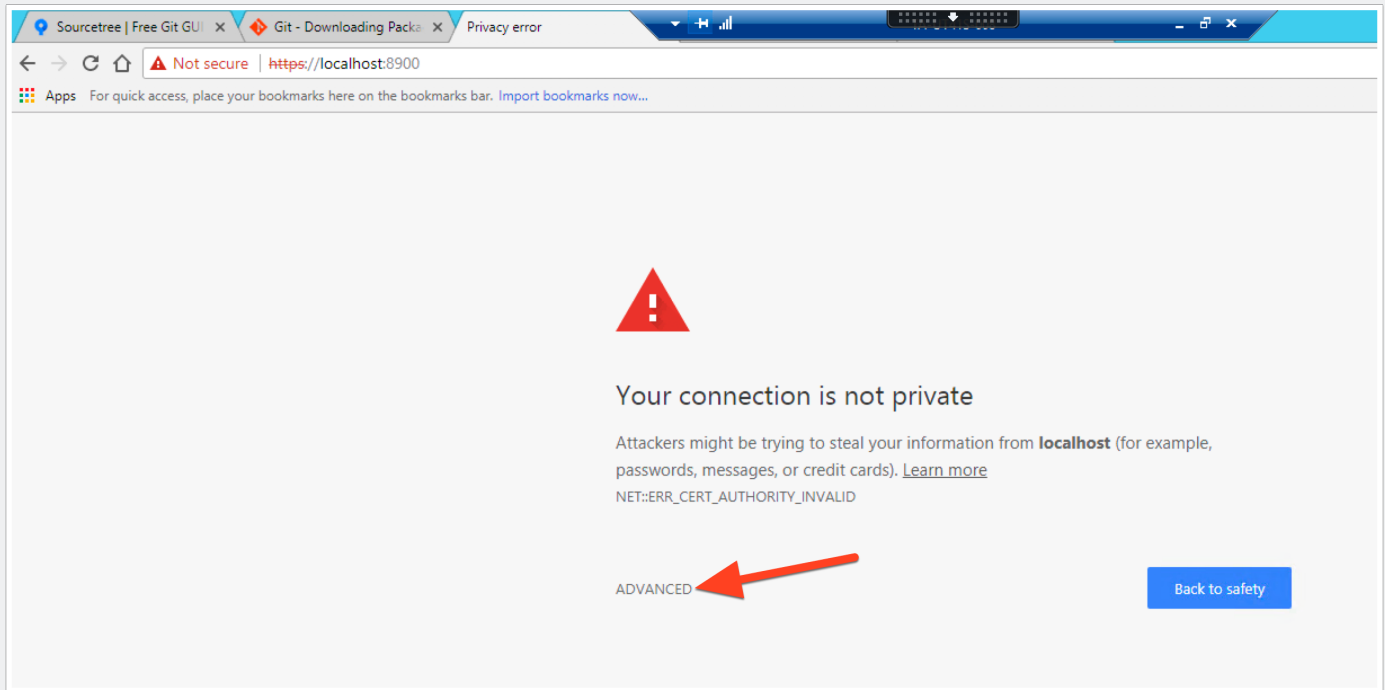
C:\Users\train-00\Downloads>cd sapcc-2.11.0.3-windows-x64
C:\Users\train-00\Downloads\sapcc-2.11.0.3-windows-x64>changeport.bat 8900
```

The final command, `changeport.bat 8900`, is highlighted with a red rectangular box.

## Common Training



## Cloud Connector Setup





## Accept the self signed ssl certificate



### Your connection is not private

Attackers might be trying to steal your information from **localhost** (for example, passwords, messages, or credit cards). [Learn more](#)

NET::ERR\_CERT\_AUTHORITY\_INVALID

HIDE ADVANCED

Back to safety

This server could not prove that it is **localhost**; its security certificate is not trusted by your computer's operating system. This may be caused by a misconfiguration or an attacker intercepting your connection.

[Proceed to localhost \(unsafe\)](#)

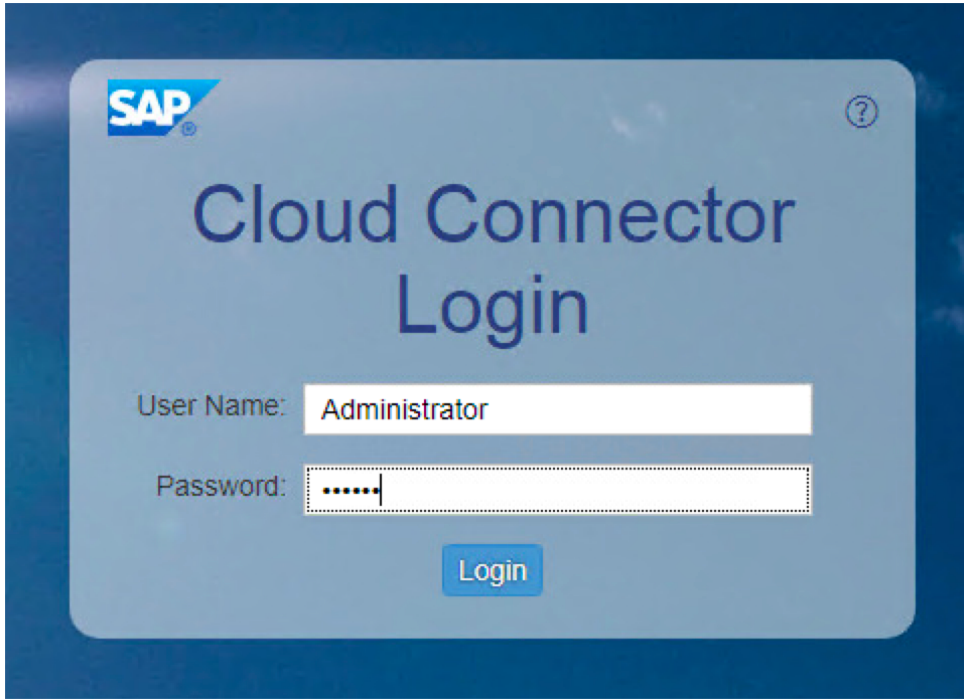


# CloudConnector

## Logon to the Cloud Connector


Default User: Administrator

Default Password: manage



The image shows the SAP Cloud Connector login interface. It features the SAP logo in the top left corner and a help icon (question mark in a circle) in the top right corner. The main title "Cloud Connector Login" is centered in a large, dark blue font. Below the title, there are two input fields: "User Name:" with the text "Administrator" entered, and "Password:" with five dots representing a masked password. A blue "Login" button is positioned below the password field. The entire login form is set against a light blue background with a subtle cloud pattern, all within a dark blue frame.

## Change Password



Cloud Connector Administration

Administrator

Initial Setup

Save ?

You are required to change your password before being permitted to continue

Mandatory Password Change

Current Password:

New Password:

Repeat New Password:

Choose Installation Type

☒ Master (Primary Installation)

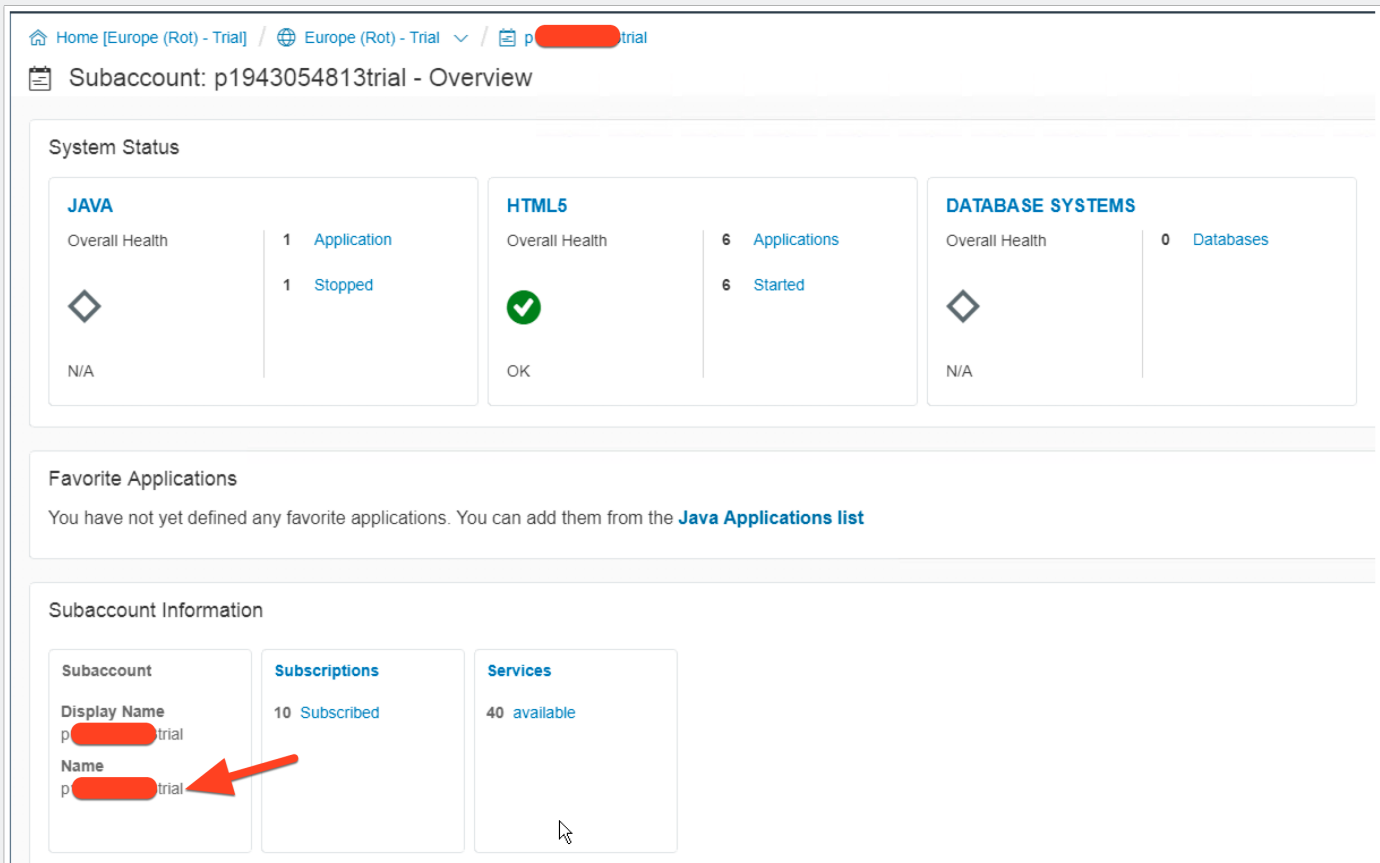
☐ Shadow (Backup Installation)

Description:



## Determine Subaccount Name




Logon to the cloud platform. Navigate to your subaccount and copy the subaccount name.



Home [Europe (Rot) - Trial] / Europe (Rot) - Trial / p1943054813trial

Subaccount: p1943054813trial - Overview

### System Status

System	Overall Health	Count	Status
<b>JAVA</b>	 N/A	1 Application	1 Stopped
<b>HTML5</b>	 OK	6 Applications	6 Started
<b>DATABASE SYSTEMS</b>	 N/A	0 Databases	

### Favorite Applications

You have not yet defined any favorite applications. You can add them from the [Java Applications list](#)

### Subaccount Information

Subaccount	Subscriptions	Services
<b>Display Name</b> p1943054813trial	10 Subscribed	40 available
<b>Name</b> p1943054813trial		

## Define Connection & Access Data for the SAP Cloud Platform

Define Subaccount

Cloud Connector is not configured and remains inoperative unless you provide the following settings

First Subaccount

\*Region:

Europe (Rot) - Trial

\*Subaccount:

p[REDACTED]trial

Display Name:

\*Subaccount User:

p[REDACTED]

\*Password:

\*\*\*\*\*

Location ID:

Enter location ID to overwrite default

Description:

HTTPS Proxy

Host:

proxy

Port:

8080

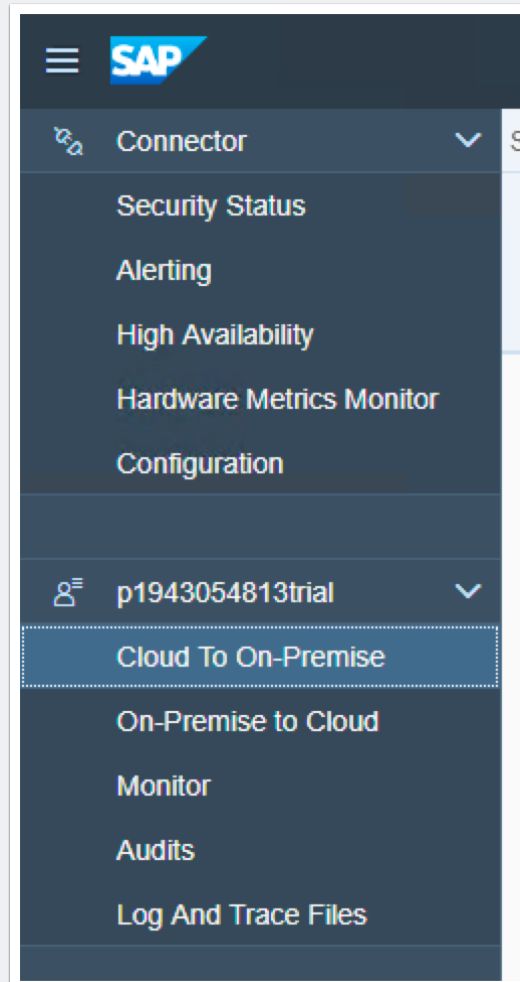
User:

Password:

CLOUDCONNECTOR

10

## Configure the Backend Connectivity



## Add a new Mapping


Subaccount: p1943054813trial

Cloud To On-Premise

ACCESS CONTROL   COOKIE DOMAINS   APPLICATIONS   PRINCIPAL PROPAGATION

Mapping Virtual To Internal System

Status	Virtual Host	Internal Host	Check Result	Protocol	Back-end Type	Actions
No data						



## ABAP System

Add System Mapping

Select back-end type of on-premise system

Back-end Type: ABAP System

Previous   Next   Cancel

## Protocol HTTP

Add System Mapping

*i* Select protocol for communication with on-premise system

Protocol: HTTP

Previous Next Cancel



# CloudConnector

## Hostname

Hostname: fsdhost

Port: 8000

Add System Mapping

*i* Enter internal (on-premise) host and port

\*Internal Host: fsdhost

\*Internal Port: 8000

Previous Next Cancel

## Virtual Host

Virtual Host: fsdhost.virtual

Virtual Port: 8000

Add System Mapping

Optionally change virtual names (used on cloud-side)

\*Virtual Host:

fsdhost.virtual

\*Virtual Port:

8000

Previous

Next

Cancel

## Add Resources

Subaccount: p1943054813trial

Cloud To On-Premise

ACCESS CONTROL

COOKIE DOMAINS

APPLICATIONS

PRINCIPAL PROPAGATION

Mapping Virtual To Internal System

Status

Virtual Host

Internal Host

Check Result

Protocol

Back-end Type

Actions

◇

fsdhost.virtual:8000

fsdhost:8000

Reachable

HTTP

ABAP System

Resources Accessible On fsdhost.virtual:8000

Enabled

Status

URL Path

Access Policy

Actions

No data

CLOUDCONNECTOR

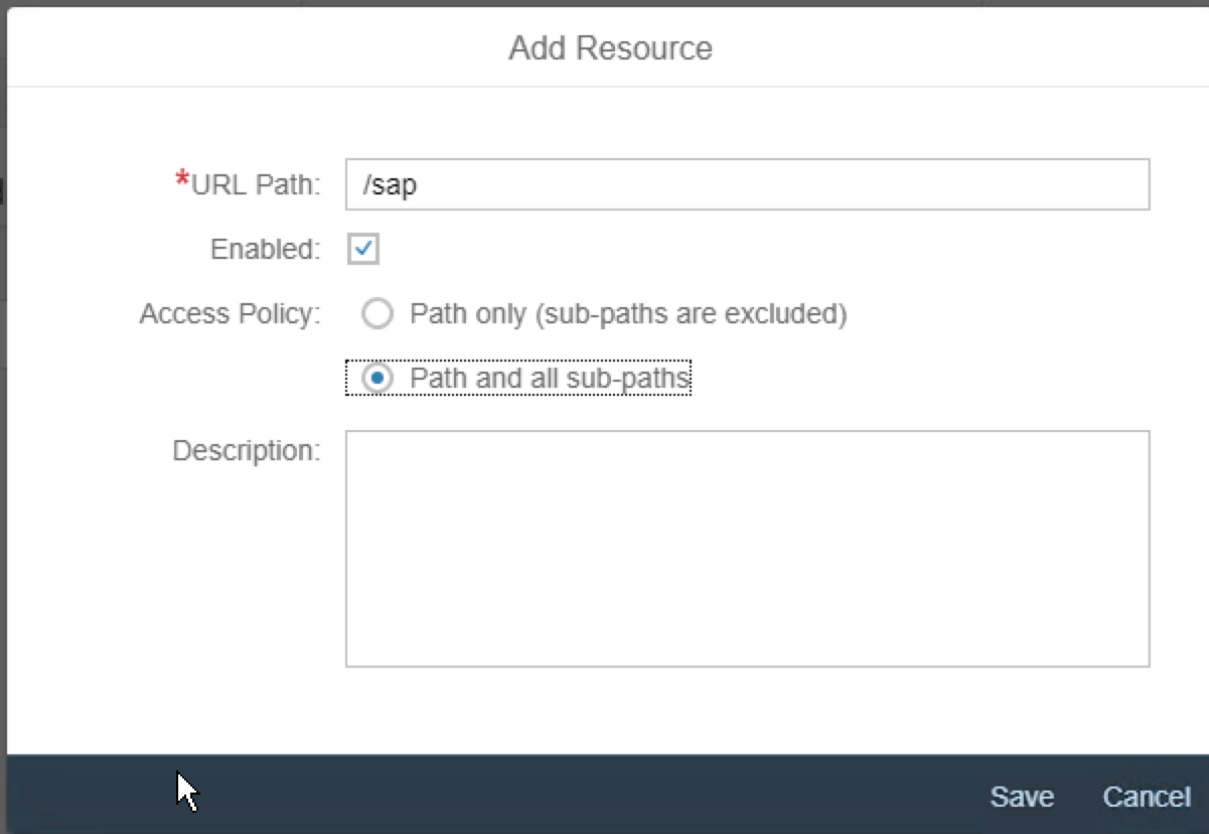
15

## Define the accessible paths

URL Path: /sap

Enabled: true

Path and all sub-paths: selected

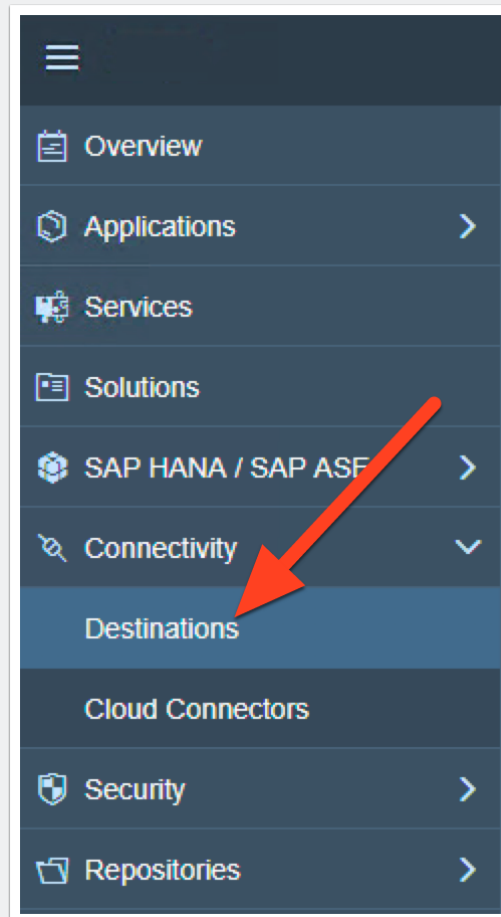


The image shows a dialog box titled "Add Resource". It contains the following fields and options:

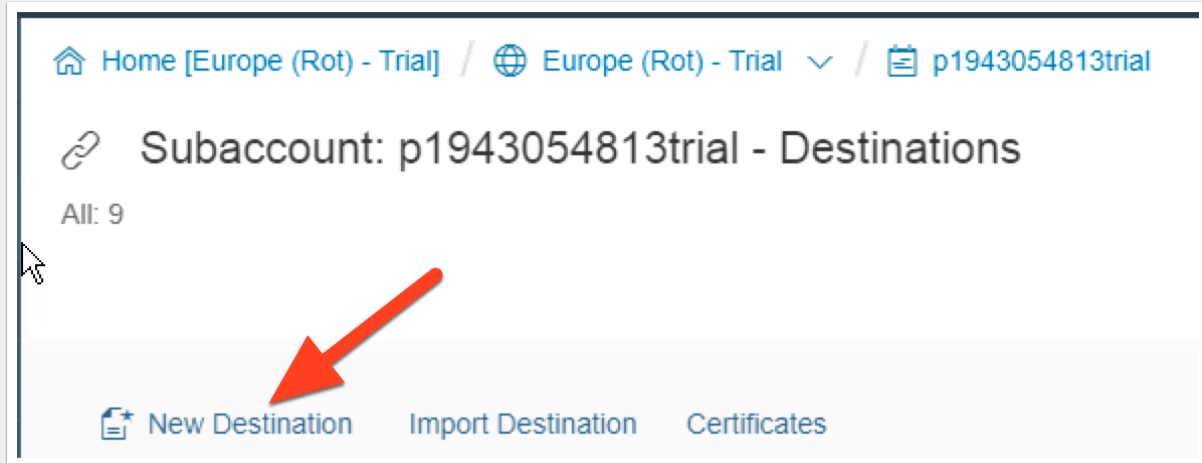
- \*URL Path:** A text input field containing the value "/sap".
- Enabled:** A checkbox that is checked.
- Access Policy:** Two radio button options:
  - ☐ Path only (sub-paths are excluded)
  - ☒ Path and all sub-paths
- Description:** A large, empty text area.

At the bottom right of the dialog, there are two buttons: "Save" and "Cancel". A mouse cursor is visible near the bottom left corner of the dialog.

## Cloud Platform Cockpit - Define Destination



## Create a New Destination





## Provide Destination Details

### Additional Properties

WebIDEUsage: odata\_abap,dev\_abap,ui5\_execute\_abap

WebIDESystem: FSD

WebIDEEnabled: true

sap-client: 100

Destination Configuration

\*Name: FSD\_WDF

Type: HTTP

Description:

Location ID:

\*URL: http://fsdhost.virtual:8000

Proxy Type: OnPremise

Authentication: BasicAuthentication

User: train

Password:

Additional Properties

sap-client100

WebIDEEnabledtrue

WebIDESystemFSD\_WDF

WebIDEUsageodata\_abap,odata\_gen,ui5\_e

New Property

SaveCancel