# Talend Studio Installation:

## Pre-Requisites:

1. Minimum 4GB Storage
2. Administrator Rights / Login
3. Talend Studio EXE installer
4. JAVA\_HOME set
5. Certificates installed on your machine
   1. login.us.cloud.talend.com.cer
   2. ap.cloud.talend.com.cer
   3. PA-3250.cer
6. Credential for code Gitlab
7. Access to Project and Workspace
8. **TALEND STUDIO EXE INSTALLER**

Once the user logs in into their TMC go to the top right-hand side and click on your profile as shown below, click on Downloads.

A screenshot of a computer

Description automatically generated

Once you are on the Download page, please download Talend Studio and select “Installer for Window Server (exe)” and select the required version.

Graphical user interface, text, application

Description automatically generated

It’s in Team folder : [01. Talend User Guide and Installer](https://bursa365.sharepoint.com/:f:/r/teams/EDPMProjectImplementation/Shared%20Documents/General/11.%20Talend/01.%20Talend%20User%20Guide%20and%20Installer?csf=1&web=1&e=2DAaaN)

*(File = TalendStudio-20221003\_1400-V8.0.1-windows-x64-installer.exe)*

Once you have downloaded the “Installer for windows Server (exe)” install the studio to the required folder (e.g. C:\TalendStudio).

License file required is in team folder: [license](https://bursa365.sharepoint.com/:u:/r/teams/EDPMProjectImplementation/Shared%20Documents/General/11.%20Talend/02.%20Licenses/Talend%20Studio/license?csf=1&web=1&e=SfFwaF)

1. **JAVA\_HOME SET**

## To set the JAVA\_HOME variable:

1. Locate your Java installation directory.

If you didn't change the path during Talend Studio installation, it'll be something like id you have installed in “C:\TalendStudio” drive folder:

*C:\TalendStudio\zulu11.58.23-ca-jdk11.0.16.1-win\_x64*

You can also type where java at the command prompt.

1. Do the following:

* Windows 10 – Search for Environment Variables then select Edit the system environment variables.

1. Click the Environment Variables button.
2. In the System Variable Value field, enter your JDK installation path.

Graphical user interface, text, application

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## Set the path for JVM as well:

Graphical user interface, text

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1. Click OK and Apply Changes as prompted

* You'll need to close and re-open any command windows that were open before you made these changes, as there's no way to reload environment variables from an active command prompt. If the changes don't take effect after reopening the command window, restart Windows.

## \*Remove any **OTHER** java related variables if there’s any

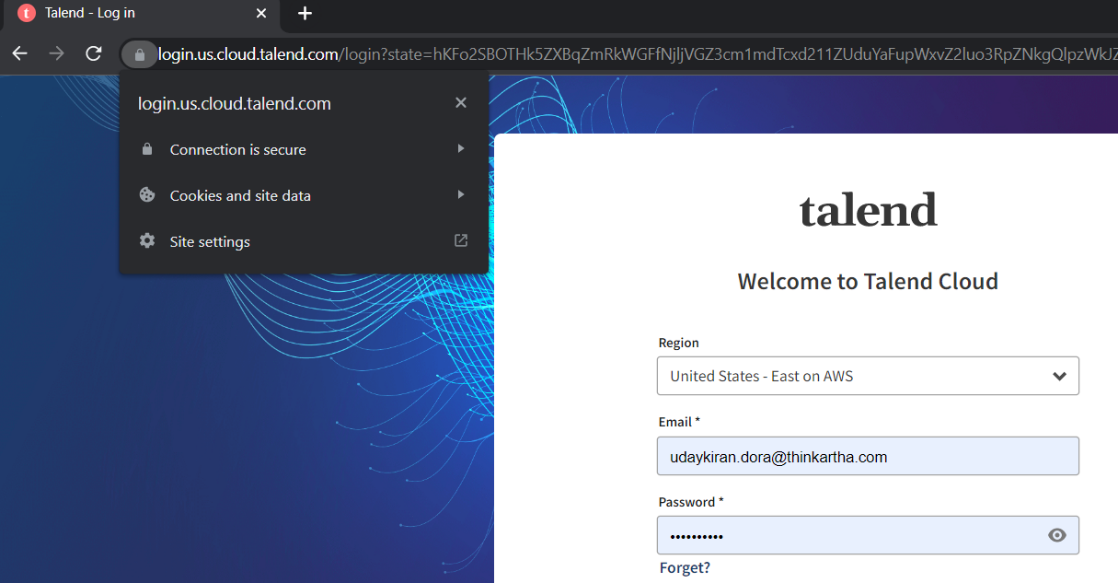
1. **CERTIFICATES INSTALLED ON YOUR MACHINE**

## Install the Talend Certificate

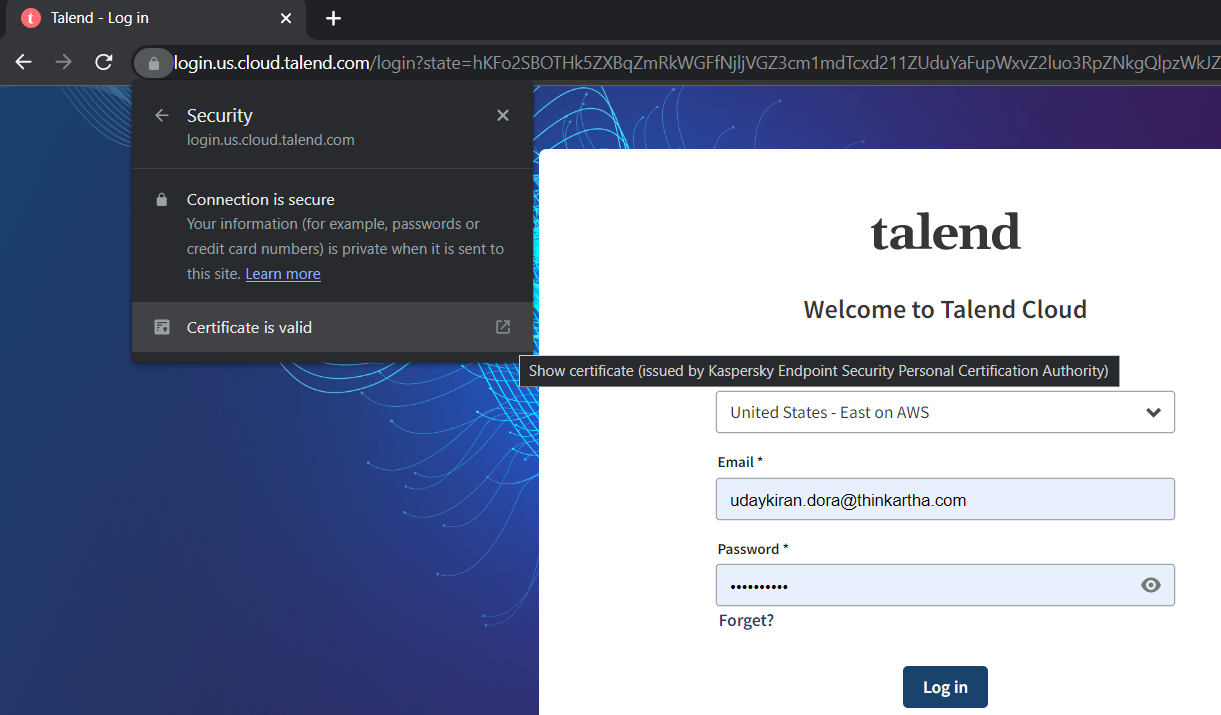
Please follow the below steps.

1. Open Talend Cloud via a browser like Chrome.
2. Click on the "lock" icon right before the URL to download all certificates of Talend Cloud (all certificates that can be downloaded from top to bottom):
   1. Click the lock icon on the left side of the address bar.
   2. Click Certificate -> Certificate path -> details -> copy to file -> next -> download to local to anywhere on your system.

Click on the Lock Icon:



Download the Certificate and save as XXXXXXX.cer (add .cer to the end)



1. Import the certificates using the command below:
   1. Go to a command prompt and type “java – version”
   2. Go to that java location to make sure it exists and you have the current cacerts file i.e. [C:\Java\](file:///C:\Java\)<Java installed on your machine>\lib\security ([file:///C:/Java/<Java](file:///C:\Java\%3cJava) installed on your machine>/lib/security)
   3. Make sure the user has permission to import certificates into the cacerts, you should have Admin Rights to Import the Certificate.
   4. Import the certificates using the command below:  
      keytool -importcert -keystore <JVM>\lib\security\cacerts -storepass changeit -file <location\certname>.cer -alias <any name>

Do it in the for the 3 certs below:

* 1. login.us.cloud.talend.com.crt (<https://login.us.cloud.talend.com>)
  2. login.ap.cloud.talend.com.crt (<https://login.ap.cloud.talend.com>)
  3. PA-3250.cer (from any url above, save the root / issuer cer)

*Click Lock Icon -> Connection is secure*

Graphical user interface, text, application

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*Click Certification is valid*

Graphical user interface, text, application

Description automatically generated

*Details tab -> Export into .crt*

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application

Description automatically generated

*Double click the .crt -> Details Tab -> Copy to File…*

Graphical user interface, text, application

Description automatically generated

*Select Base-64 encoded X.509 (.CER)*

Graphical user interface, text, application, email

Description automatically generated

keytool -import -noprompt -trustcacerts -alias <AliasName> -file <certificate> -keystore <KeystoreFile> -storepass <Password>

## Example for zulu JDK 11.0.16.1:

C:\TalendStudio\zulu11.58.23-ca-jdk11.0.16.1-win\_x64

keytool -importcert -keystore "C:\TalendStudio\zulu11.58.23-ca-jdk11.0.16.1-win\_x64\lib\security\cacerts" -storepass changeit -file "C:\TalendStudio\zulu11.58.23-ca-jdk11.0.16.1-win\_x64\lib\security\ap.cloud.talend.com.cer" -alias TalendStudioAP

keytool -importcert -keystore "C:\TalendStudio\zulu11.58.23-ca-jdk11.0.16.1-win\_x64\lib\security\cacerts" -storepass changeit -file "C:\TalendStudio\zulu11.58.23-ca-jdk11.0.16.1-win\_x64\lib\security\login.us.cloud.talend.com.cer" -alias TalendStudioUS

keytool -importcert -keystore "C:\TalendStudio\zulu11.58.23-ca-jdk11.0.16.1-win\_x64\lib\security\cacerts" -storepass changeit -file "C:\TalendStudio\zulu11.58.23-ca-jdk11.0.16.1-win\_x64\lib\security\ PA-3250.cer" -alias TalendRoot

Once the JDK is installed, JAVA\_HOME is set, and the Certificate is Imported go to the Talend Studio and run the “Talend-Studio-win-x86\_64.exe”

Text

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The Studio should Start up if all pre-Requisites are met you should be able to connect to the project and start your work.

When prompted for Gitlab credentials, key in the below:

Gitlab url: <http://gitlab.bursamalaysia.com/users/sign_in>

Login = talendsv

Password = Talend@2023

**Troubleshoot Note:**

Delete all these folders (to clear cache) whenever a change made and to try troubleshoot:

studio/configuration/org.eclipse.core.runtime

studio/configuration/org.eclipse.update

studio/configuration/org.eclipse.osgi

Run command "Talend-Studio-win-x86\_64.exe --talendDebug > debugLog.txt" to start the studio in debug mode

FOR TALEND OPEN STUDIO

PKIX java. Certification path issue

Add the below lines in Talend-Studio-win-x86\_64.ini file

-Djavax.net.ssl.trustStore=NONE  
-Djavax.net.ssl.trustStoreType=Windows-ROOT

-Dcom.sun.net.ssl.checkRevocation=false