

Lab 1 Install & Configure CF-CLI

For Windows Machine

Step 1 :- Go to Google

- a. Type in url
 - b. <https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html> install required jdk.. I have installed jdk 8 for windows 64 bit
2. Set JAVA_HOME environment variable:
- a. <https://javatutorial.net/set-java-home-windows-10>
 - b. Ensure JAVA_HOME environment variable is set and points to your JDK installation
 - c. Type echo %JAVA_HOME%
3. Follow the link to install maven
- a. <https://www.javatpoint.com/how-to-install-maven>

Step 2 :- Goto Google Type CF-CLI for windows

Step 3 :- Goto docs.cloudfoundry.org/cf-cli/install-go-cli.html#windows

Step 4:- Click on Windows installer and install CF-CLI for windows

Step 6 :- Install git on windows.

Goto google type Install git for windows

Download and install git

Step 5 :- Come back to your machine and run windows **PowerShell**

Choose/create your practice folder

Step 7 :- login into PCF account:- **cf login -a api.run.pivotal.io**

Email>

Passwd>

For Ubuntu Machine.

Step 1: Add the Cloud Foundry Foundation public key and package repository to your system

```
# wget -q -O - https://packages.cloudfoundry.org/debian/cli.cloudfoundry.org.key |  
sudo apt-key add -
```

```
# echo "deb http://packages.cloudfoundry.org/debian stable main" | sudo tee  
/etc/apt/sources.list.d/cloudfoundry-cli.list
```

Step 2: Update the local package index

```
# sudo apt-get update
```

Step 3: Install the cf CLI

```
# sudo apt-get install cf-cli
```

Step 4: Install java (JDK on your node)

```
# apt-get update
```

Step 5: Add Oracle's PPA, then update your package repository

```
# add-apt-repository PPA: webupd8team/java
```

```
# apt-get update
```

Step 6: Install Oracle JDK 8

```
# apt-get install oracle-java8-installer -y
```

Step 7: Install Maven

```
# apt-get install maven ntp vim wget curl -y
```

Step 8 :- login into PCF account:- `cf login -a api.run.pivotal.io`

Email>

Passwd>