

Follow the below steps

1. Launch an Ec2 instance, Use ubuntu 20.04 its free trial, Use t2 small instance, SG: tcp 22 with my ip and tcp 8080 myip
2. Goto Jenkin document at <https://www.jenkins.io/doc/book/installing/linux/>
3. Login to EC2 instance and fire below commands

```
$ sudo apt update -y
```

```
$ sudo apt install openjdk-11-jdk
```

```
$ curl -fsSL https://pkg.jenkins.io/debian-stable/jenkins.io.key | sudo  
tee \ /usr/share/keyrings/jenkins-keyring.asc > /dev/null
```

```
$ echo deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc] \  
https://pkg.jenkins.io/debian-stable binary/ | sudo tee \  
/etc/apt/sources.list.d/jenkins.list > /dev/null
```

```
$ sudo apt-get update -y
```

```
sudo apt-get install jenkins
```

4. Now to check the status of jenkins use below command
\$ systemctl status jenkins
5. Now login web UI of jenkins with Public ip:8080 copy password and set your user name and password

6. Goto manage jenkins and click on global setting for JDK and Maven installation
7. First add oracle jdk and provide the path from command line
Install `sudo apt install openjdk-11-jdk`
Copy path from `/usr/lib/jvm/openjdk-11-jdk...` and paste in jenkins
8. Now add maven and select latest version and save
9. Now goto Jenkins dashboard and create a job with freestyle
Use below repository
<https://github.com/devopshydclub/vprofile-repo.git>
Use branch `vm-rep`
Add build steps as invoke top level maven target
10. Now trigger your job , see the logs and see the target directory