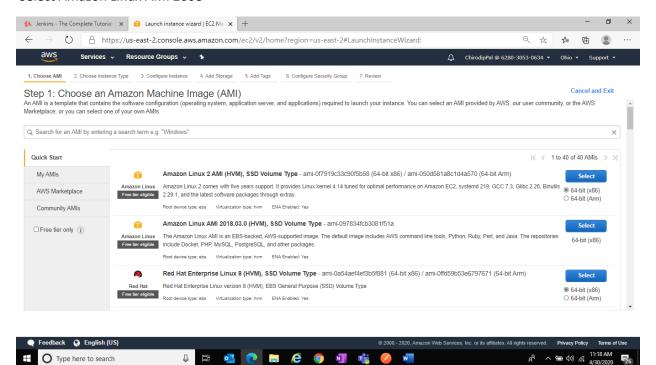
Perquisite

Below software / account required for below EC2 webserver creation

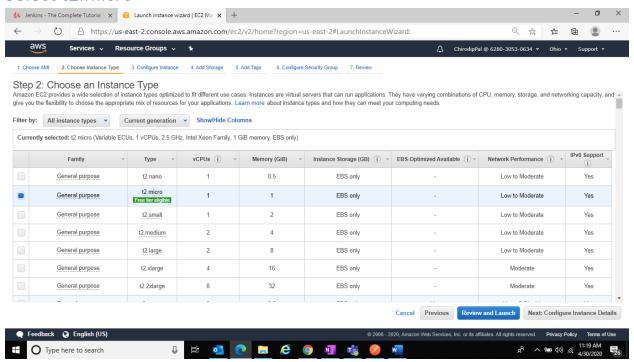
- AWS Account
- WinSCP
- Ubuntu in Windows
- PuttyGen /Putty

Create EC2 Instance

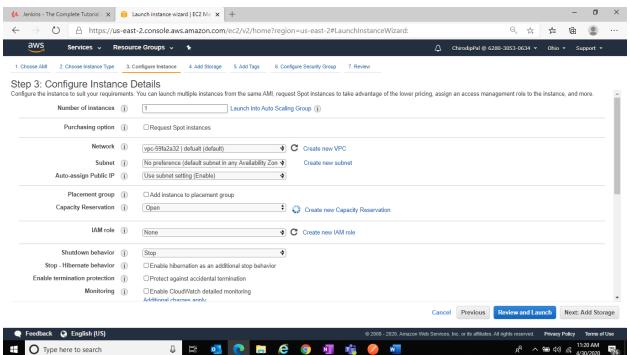
Select Amazon Linux AMI 2008



Select t2.micro

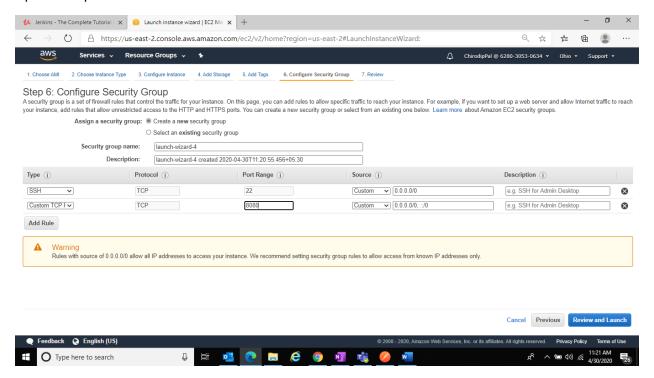


Select Default VPC



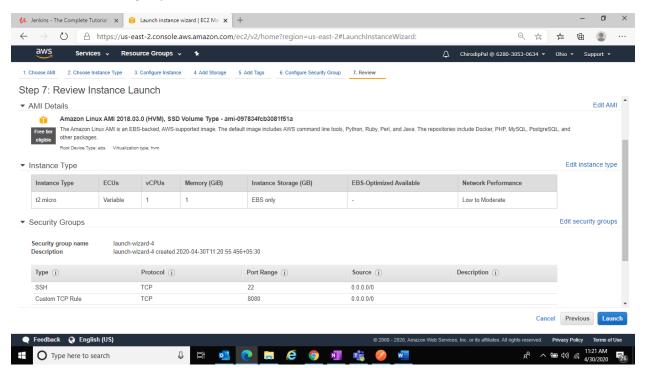
Security group

Open 8080 port

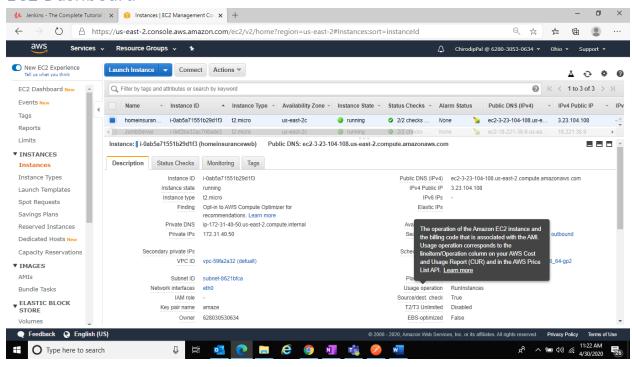


Review and Create

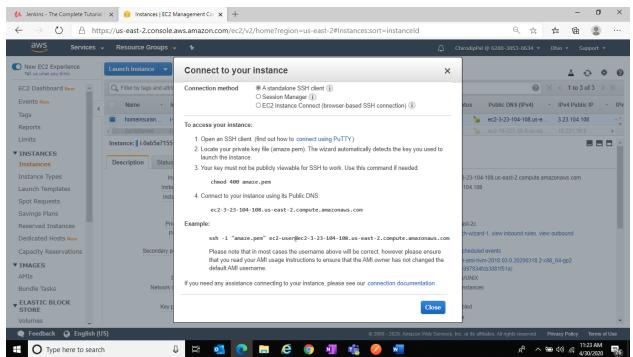
Select new or existing Key value Pem file



EC2 Dashboard

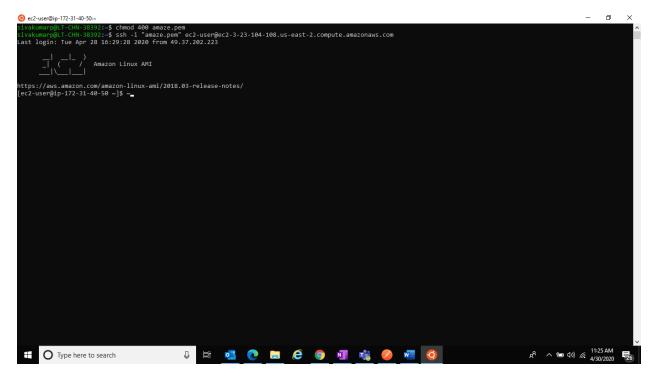


Connect SSH



Login SSH

Copy your EC2 pem file to your ubuntu folder



Install Java 8 in Ubutu

Follow the below url

https://docs.aws.amazon.com/neptune/latest/userguide/iam-auth-connect-prerg.html

The following are instructions for installing Apache Maven and Java 8 on an Amazon EC2 instance. These are required for the Amazon Neptune Signature Version 4 authentication samples.

To Install Apache Maven and Java 8 on your EC2 instance

- 1. Connect to your Amazon EC2 instance with an SSH client.
- 2. Install Apache Maven on your EC2 instance. First, enter the following to add a repository with a Maven package.

```
sudo wget https://repos.fedorapeople.org/repos/dchen/apache-maven/epel-
apache-maven.repo -0 /etc/yum.repos.d/epel-apache-maven.repo
```

Enter the following to set the version number for the packages.

```
sudo sed -i s/\$releasever/6/g /etc/yum.repos.d/epel-apache-maven.repo
```

Then you can use **yum** to install Maven.

```
sudo yum install -y apache-maven
```

3. The Gremlin libraries require Java 8. Enter the following to install Java 8 on your EC2 instance.

```
sudo yum install java-1.8.0-devel
```

4. Enter the following to set Java 8 as the default runtime on your EC2 instance.

```
sudo /usr/sbin/alternatives --config java
```

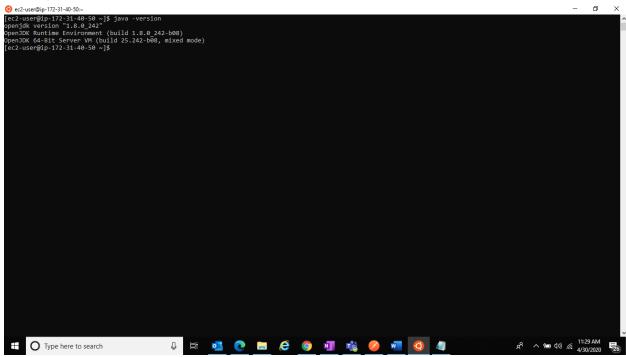
When prompted, enter the number for Java 8.

5. Enter the following to set Java 8 as the default compiler on your EC2 instance.

```
sudo /usr/sbin/alternatives --config javac
```

When prompted, enter the number for Java 8.

Verify the Java Version



Create Folder in EC2 in SSH

sudo chown ec2-user:ec2-user -R /opt
cd /opt/

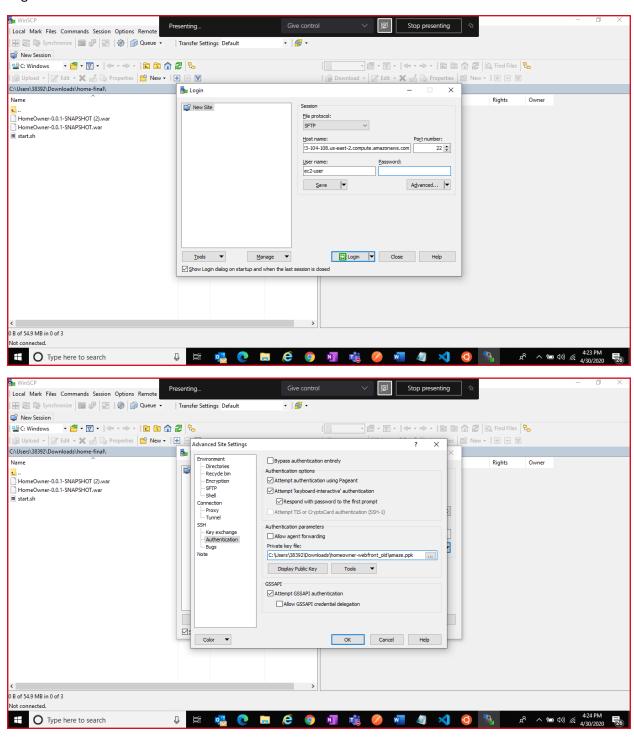
Upload project file

Upload your project file "web Folder" to EC2 "/opt/" Folder and jar folder

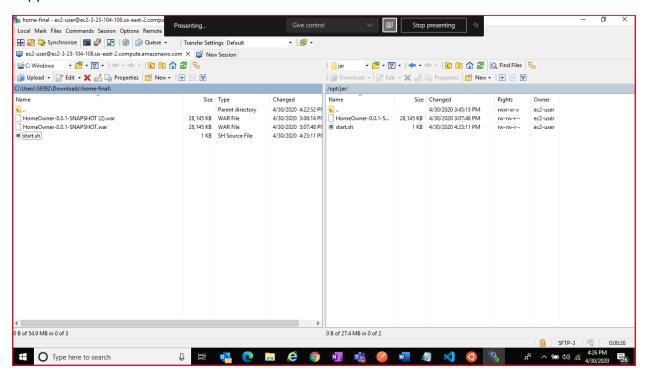
Connect WinSCP.

Using Puttygen. Exe, pegenete the ppk file

Login to SSH



Copy Jar file and start.sh file



Create background job

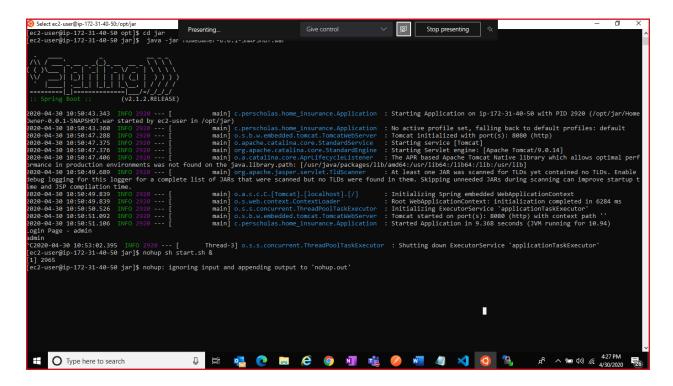
Deployment option with Maven Spring boot

Execute sh file

nohup sh start.sh &

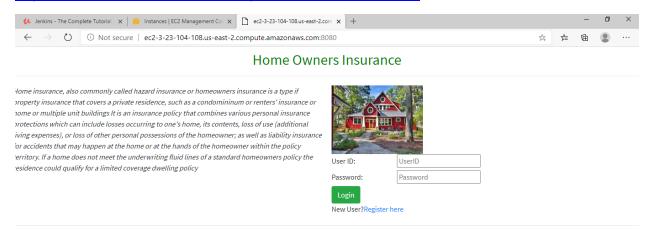
List the process

ps -ef |grep nohup



Your frontend

http://ec2-3-23-104-108.us-east-2.compute.amazonaws.com:8080/



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