
Project objective:

As a developer, deploy your Spring Boot application on Cloud.

1. Prepare AWS Instance(Ubuntu Server 22.04 LTS (HVM), SSD Volume Type)
2. Security : Add port no .8080 with Custom TCP Rule
3. Download .pem Key and connect using Moba x-term
4. goto> eclips> choose your app>(App built on JDK 8) right click on it and run as

- maven clean
- maven install
- maven build

5. goto> target folder and copy the .jarfile

eg: APP_NAME-SNAPSHOT-0.0.1.jar file and drag it to moba x-term on left side of window

6. Install Java(JDK8) on Amazon EC2 Instance

```
> sudo apt update
> sudo apt-get install openjdk-8-jdk
-----to check the java version-----
> java -version
```

OR

6. Install Java(JDK11) on Amazon EC2 Instance

```
> sudo apt update
> sudo apt install default-jre
-----to check the java version-----
> java -version
```

7. Install Maven

```
> sudo apt update
> sudo apt-get install maven
```

8. Run Your Application

```
> java -jar APP_NAME-SNAPSHOT-0.0.1.jar
```

once tomcat is started

copy your aws EC2 instance PublicIpAddress:8080 in browser you will see the output