

=====

How to SpringBoot App in AWS Cloud

=====

@@ Step-1 : Create EC2 Linux VM and Connect with that VM using SSH client

@@ Step-2 : Install git client s/w

```
$ sudo yum install git -y
```

```
$ git -v
```

@@ Step-3 : Clone project git repo (springboot app)

```
$ git clone https://github.com/ashokitschool/spring-boot-docker-app.git
```

@@ Step-4 : Install Maven s/w

```
$ sudo yum install maven -y
```

```
$ mvn -version
```

```
$ java -version
```

@@ Step-5 : Package project as jar file

```
$ cd spring-boot-docker-app
```

```
$ ls -l
```

```
$ mvn clean package
```

```
$ ls -l target
```

@@ Step-6 : Run the jar file

```
// run app in interactive mode
```

```
$ java -jar target/spring-boot-docker-app.jar
```

```
// run the application in background (detached mode)
```

```
$ nohup java -jar target/spring-boot-docker-app.jar &
```

```
// check logs of the application
```

```
$ tail nohup.out
```

@@ Step-7 : Enable Embedded server port (8080) in security group inbound rules

@@ Step-8 : Access Our Application URL in browser

```
URL : http://public-ip:8080/
```

=====

How to stop the application

=====

=> Identify the running process of our application based on port number

```
$ sudo lsof -i:8080
```

=> Kill that process using process id (PID)

```
$ kill -9 <PID>
```

```
$ sudo lsof -i:8080
```