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Assignment 1- Deploy Spring Boot demo application in AWS EC2 instance

Step 1:

Create a Windows and Linux EC2 instance with basic template and install Apache and Java on Linux machine by following these commands:

Admin: sudo su

Update: yum update -y

**Install: yum install java-1.8.0**

Install: yum install httpd -y

Start: service httpd start

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, application

Description automatically generated

Step 2:

Created and tested Spring Boot application from scratch in any IDE.

Graphical user interface, text, application

Description automatically generated

Step 3:

Prepared the jar file and copied to EC2 instance using WinSCP.

Graphical user interface, text, application

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Description automatically generated

Step 4:

Connected to EC2 instance using SSH and update Security Group to run spring boot application on 8080.

Graphical user interface, text, application, email

Description automatically generated

Step 5:

Deployed the Spring Boot application to EC2 and tested the endpoint by running following.

**CMD:** java -jar <jar name>

Text

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated