AWS MODULE

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BATCH NO – SA2409031

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L4 - Connect to the AWS EC2 Ubuntu Instance and Update default packages, install JDK, Maven, Git, and validate the versions

- **Step 1: Connect to Your EC2 INSTANCE**
  1. Navigate to ec2 service
  2. Select ubuntu server
  3. Add key pair
  4. Add security group
  5. Launch the server
  6. Connect to the server

- **Step 2: Update Default Packages**
  1. Update the package -y

  sudo apt update

- **Step 3: Install JDK**
  1. Install java

  sudo apt install openjdk-17-jdk -y

  2. Verify the java version
  java -version

- **Step 4: Install Maven**
  1. Install Maven

  sudo apt install maven -y
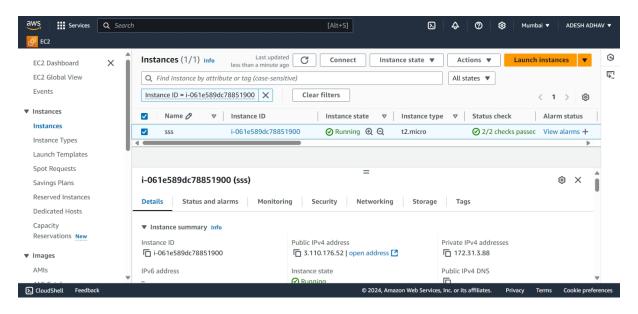
2.Verify the installation:

mvn -version

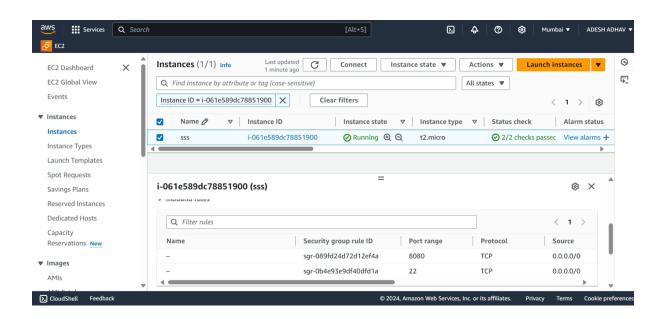- **<u>Step 5</u>: Install Git**

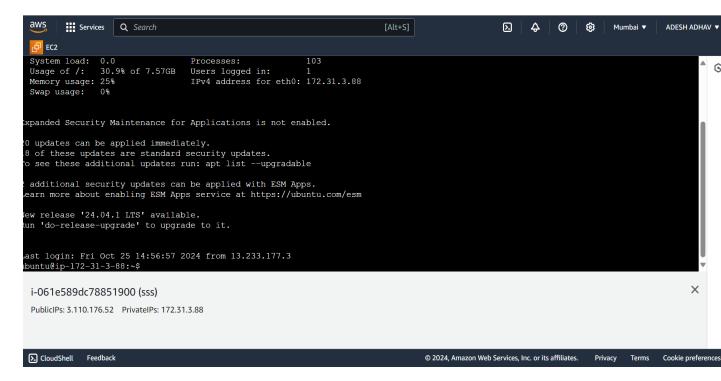   1.Install Git:

    sudo apt install git -y

    2.Verify the git version
    git –version

- **LAUNCHED THE INSTANCE**

- **CONNECTED TO THE INSTANCE**

- **UPGRATED THE PACKAGE**

- **INSTALLED THE JAVA VERSION**


```
ubuntu@ip-172-31-3-88:~$ java --version
openjdk 17.0.12 2024-07-16
OpenJDK Runtime Environment (build 17.0.12+7-Ubuntu-1ubuntu222.04)
OpenJDK 64-Bit Server VM (build 17.0.12+7-Ubuntu-1ubuntu222.04, mixed mode, sharing)
ubuntu@ip-172-31-3-88:~$
```

i-061e589dc78851900 (sss)

PublicIPs: 3.110.176.52   PrivateIPs: 172.31.3.88

- **INSTALLED THE MAVEN**


```
ubuntu@ip-172-31-3-88:~$ mvn -version
Apache Maven 3.6.3
Maven home: /usr/share/maven
Java version: 17.0.12, vendor: Ubuntu, runtime: /usr/lib/jvm/java-17-openjdk-amd64
Default locale: en, platform encoding: UTF-8
OS name: "linux", version: "6.8.0-1015-aws", arch: "amd64", family: "unix"
ubuntu@ip-172-31-3-88:~$
```

i-061e589dc78851900 (sss)

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- **INSTALLED THE GIT**


```
ubuntu@ip-172-31-3-88:~$ java --version
openjdk 17.0.12 2024-07-16
OpenJDK Runtime Environment (build 17.0.12+7-Ubuntu-1ubuntu222.04)
OpenJDK 64-Bit Server VM (build 17.0.12+7-Ubuntu-1ubuntu222.04, mixed mode, sharing)
ubuntu@ip-172-31-3-88:~$ sudo apt install git -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
git is already the newest version (1:2.34.1-1ubuntu1.11).
git set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 15 not upgraded.
ubuntu@ip-172-31-3-88:~$ git --version
git version 2.34.1
ubuntu@ip-172-31-3-88:~$
```

i-061e589dc78851900 (sss)

PublicIPs: 3.110.176.52   PrivateIPs: 172.31.3.88

THANK YOU