Name: Abdurrahman Qureshi

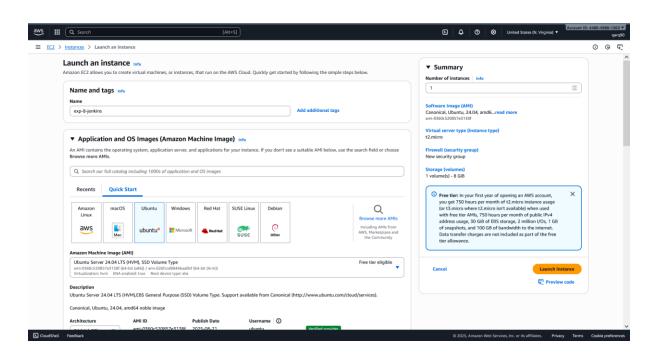
Roll No: 242466

Practical No: 8

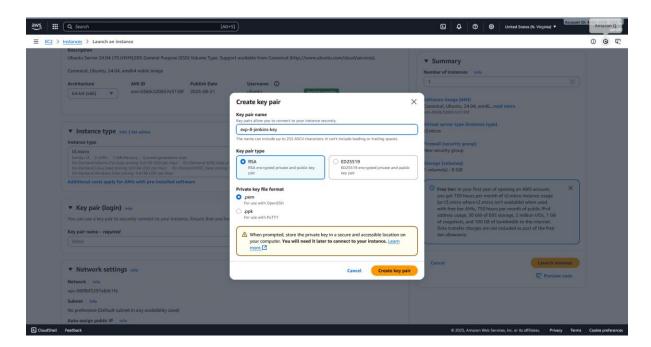
Date Of Performance: 06/09/2025

Aim: To understand and demonstrate the use of Jenkins on

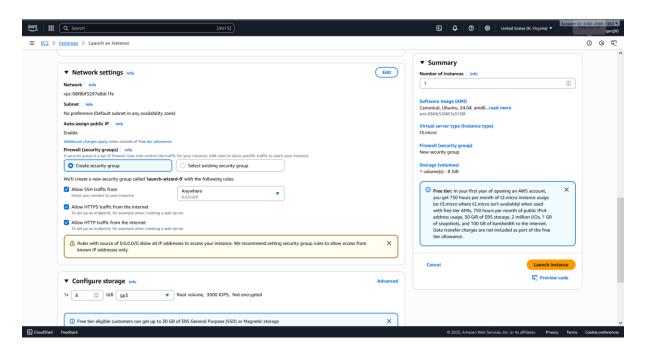
AWS EC2 Instance



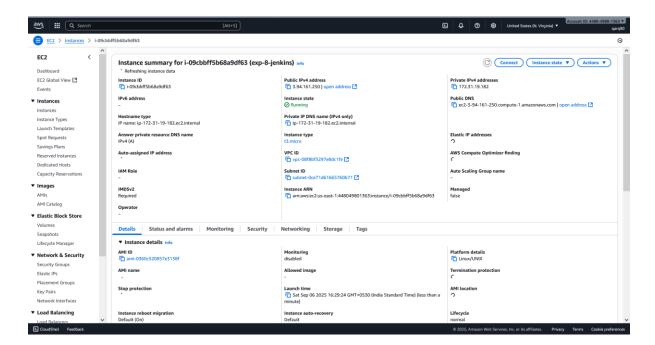
Creating an Instance



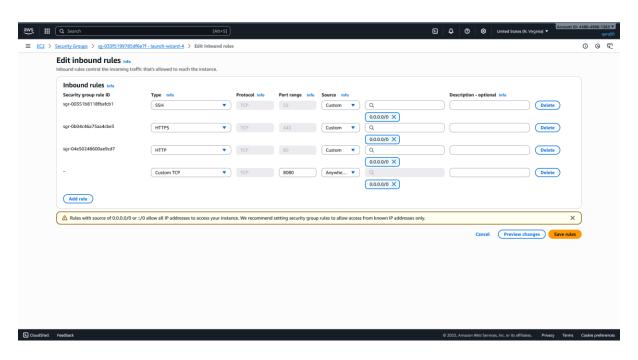
Creating the Key pair



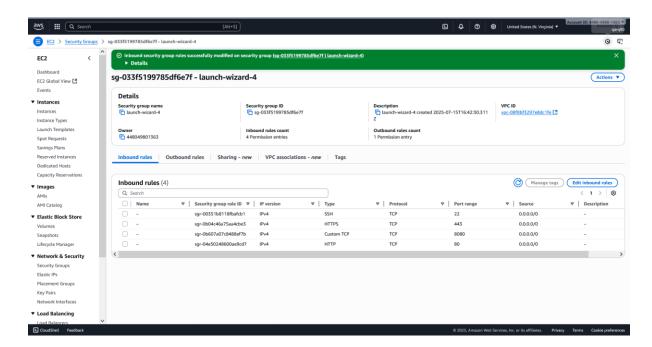
Configuring Network Settings



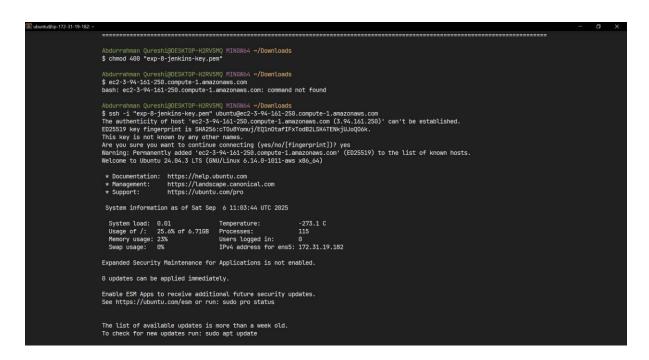
Instance Details



Editing Inbound Rules for Access



Inbound rules Updated Successfully



Connecting to the Instance on Alacritty(Terminal)

No NP guests are running outdeted hypervisor (genu) binaries on this host.

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No NP guests are running outdeted hypervisor.

No NP guests are

Updating system

```
ubuntu@ip-172-31-19-182:~$ java --version
openjdk 11.0.28 2025-07-15
OpenJDK Runtime Environment (build 11.0.28+6-post-Ubuntu-1ubuntu124.04.1)
OpenJDK 64-Bit Server VM (build 11.0.28+6-post-Ubuntu-1ubuntu124.04.1, mixed mode, sharing)
```

Checking java version

```
Mountable 172-31-19-112-

wountugip 172-31-19-122-$ sudo apt update

Hit: Inttp://us-east-1.ec2.archive.dountu.com/dountu noble Indelease

Hit: Inttp://us-east-1.ec2.archive.dountu.com/dountu noble Indelease

Hit: Inttp://us-east-1.ec2.archive.dountu.com/dountu noble-waseparts Indelease

Hit: Inttp://us-east-1.ec2.archive.dountu noble-waseparts Indelease

Rit: Inttp://us-east-1.ec2.archive.dountu noble-security Indelease

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Ruit: Inttp://security.dountu.com/dountu noble-security Indelease

Ruit: Inttp://security.dountu.com/dountu noble-security Indelease

Reading dependency tree... Done

Reading state information... Done

Reading despendency tree... Done

Reading state information... Done

Package jenkins is not available, but is referred to by another package.

This may meen that the package is missing, has been obsoleted, or

is only available from another source

Le Peackage jenkins is not available, and install jenkins

Reading mackage Lists... Done

Building dependency tree... Done

Reading state information... Done

Building dependency tree... Done

Reading generies in Done

Building dependency tree... Done

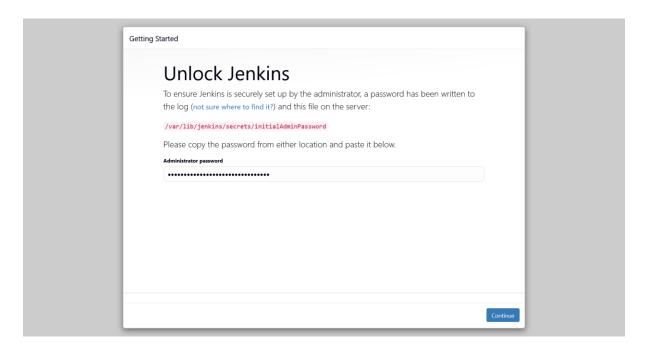
Reading state information... Done

Reading
```

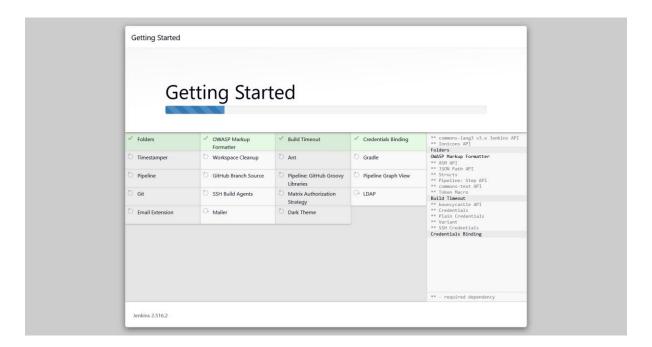
Installing Jenkins

```
### Action | Tital | T
```

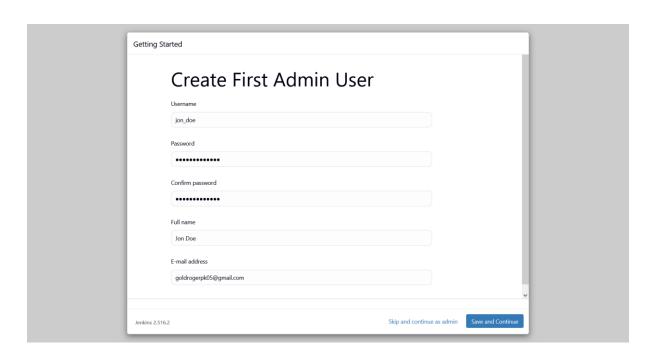
Starting Jenkins Server



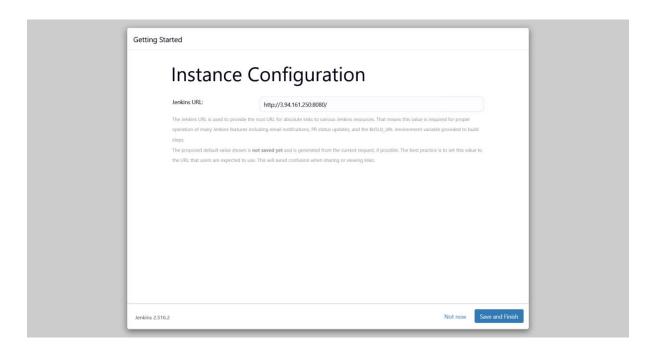
Opened on http://3.94.161.250:8080



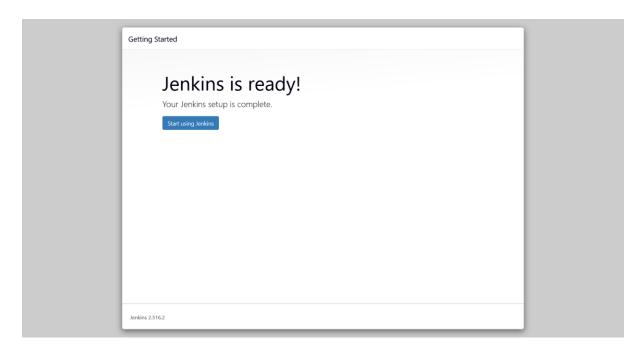
Installing Plugins



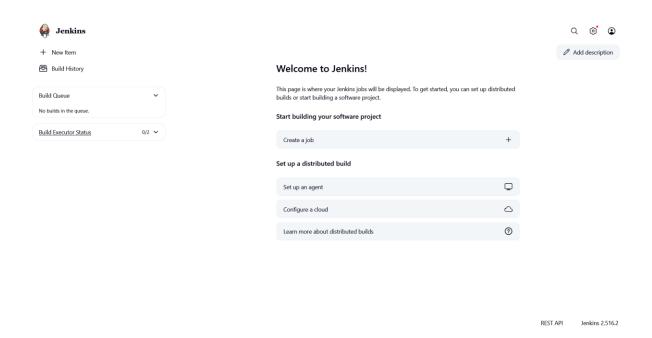
Creating Admin



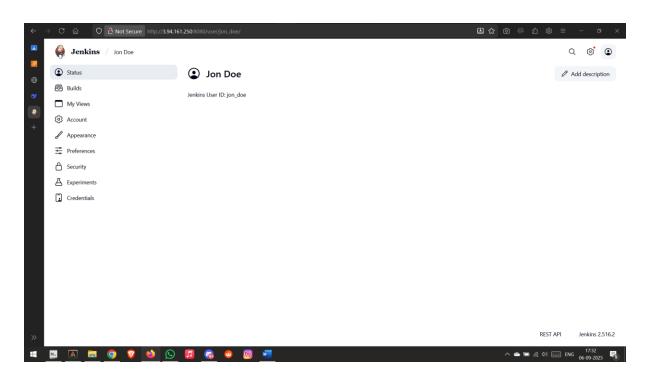
Connecting Instance



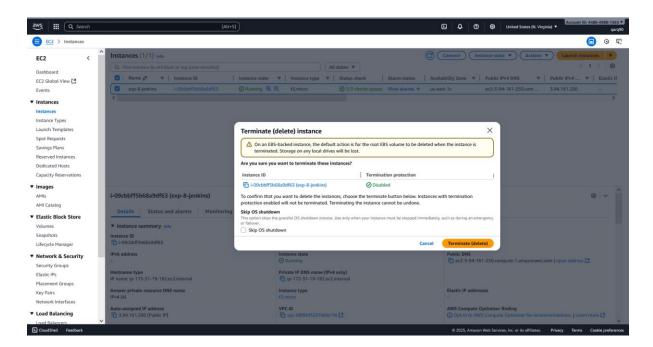
Setup Completion



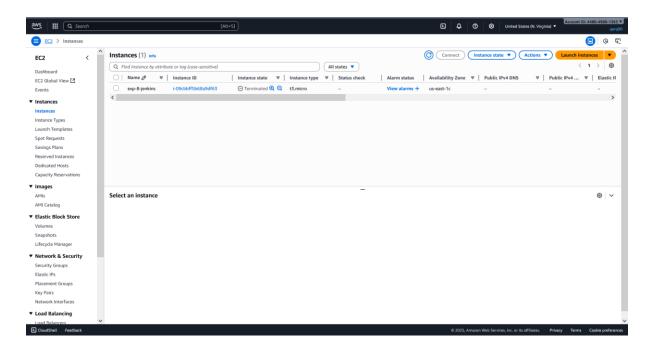
Jenkins Home Page



Jenkins User Page



Deleting Instance



Instance Terminated Successfully