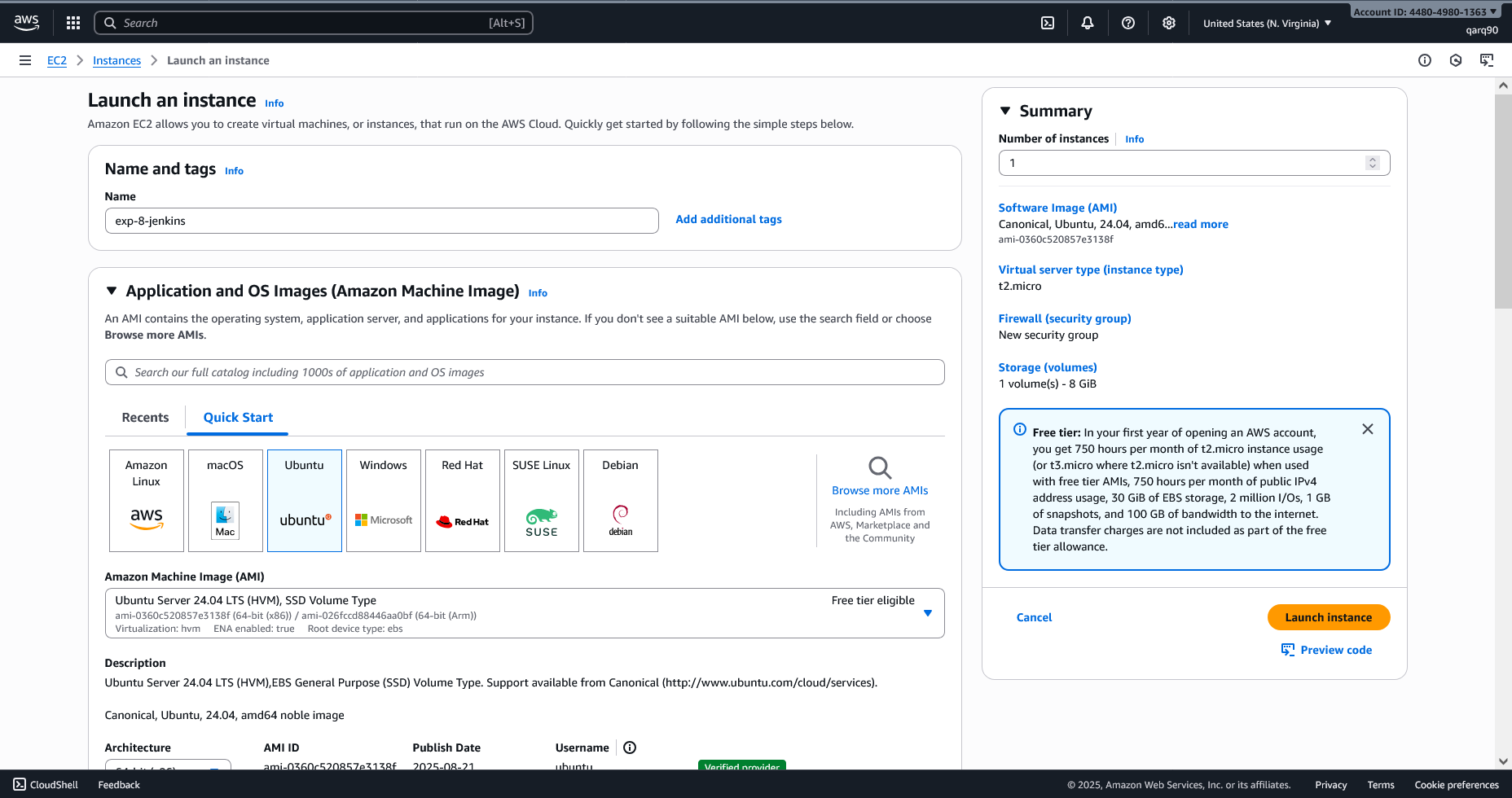
# **Name: Abdurrahman Qureshi**

# **Roll No: 242466**

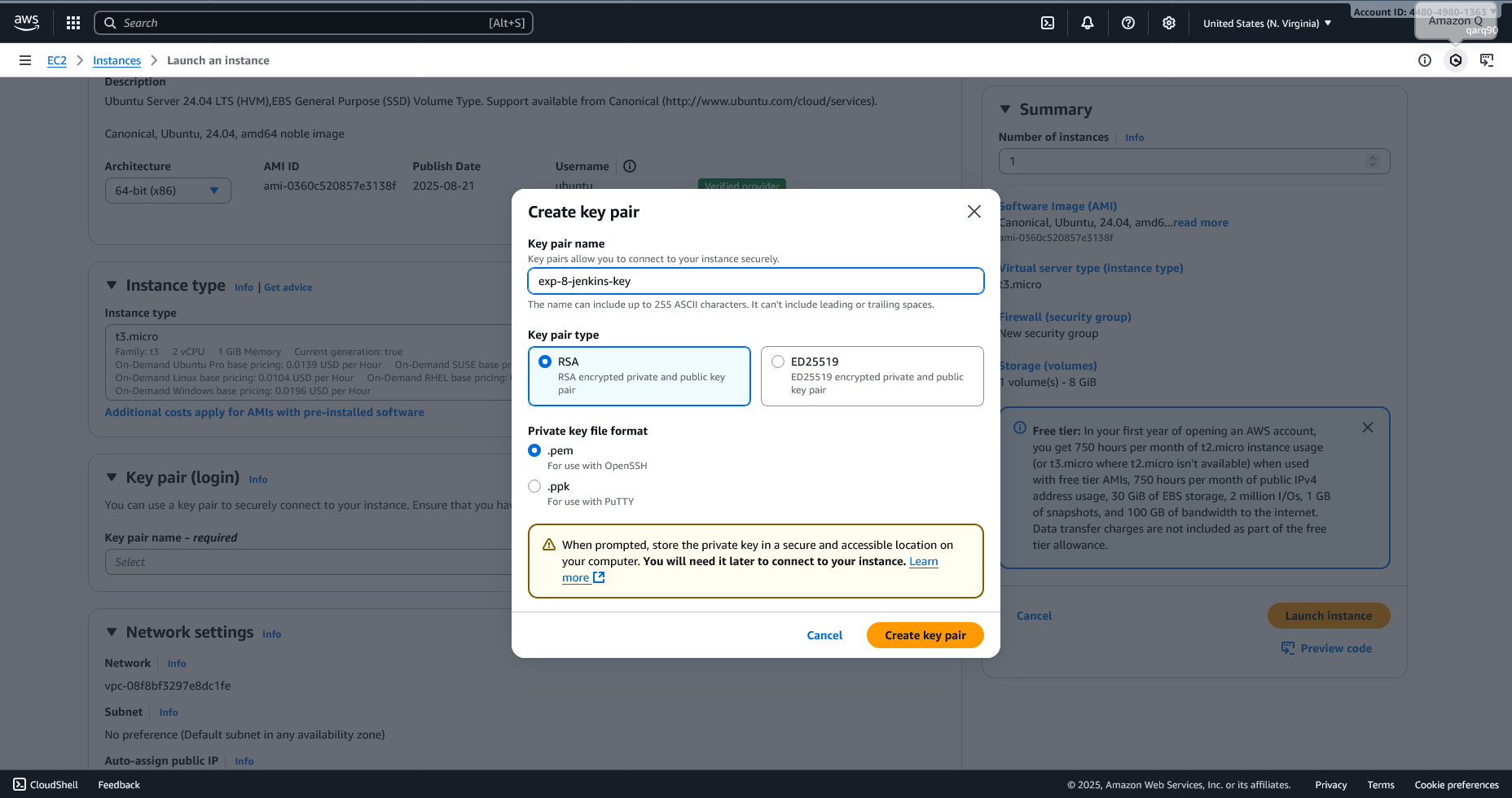
Practical No: 8

Date Of Performance: 06/09/2025

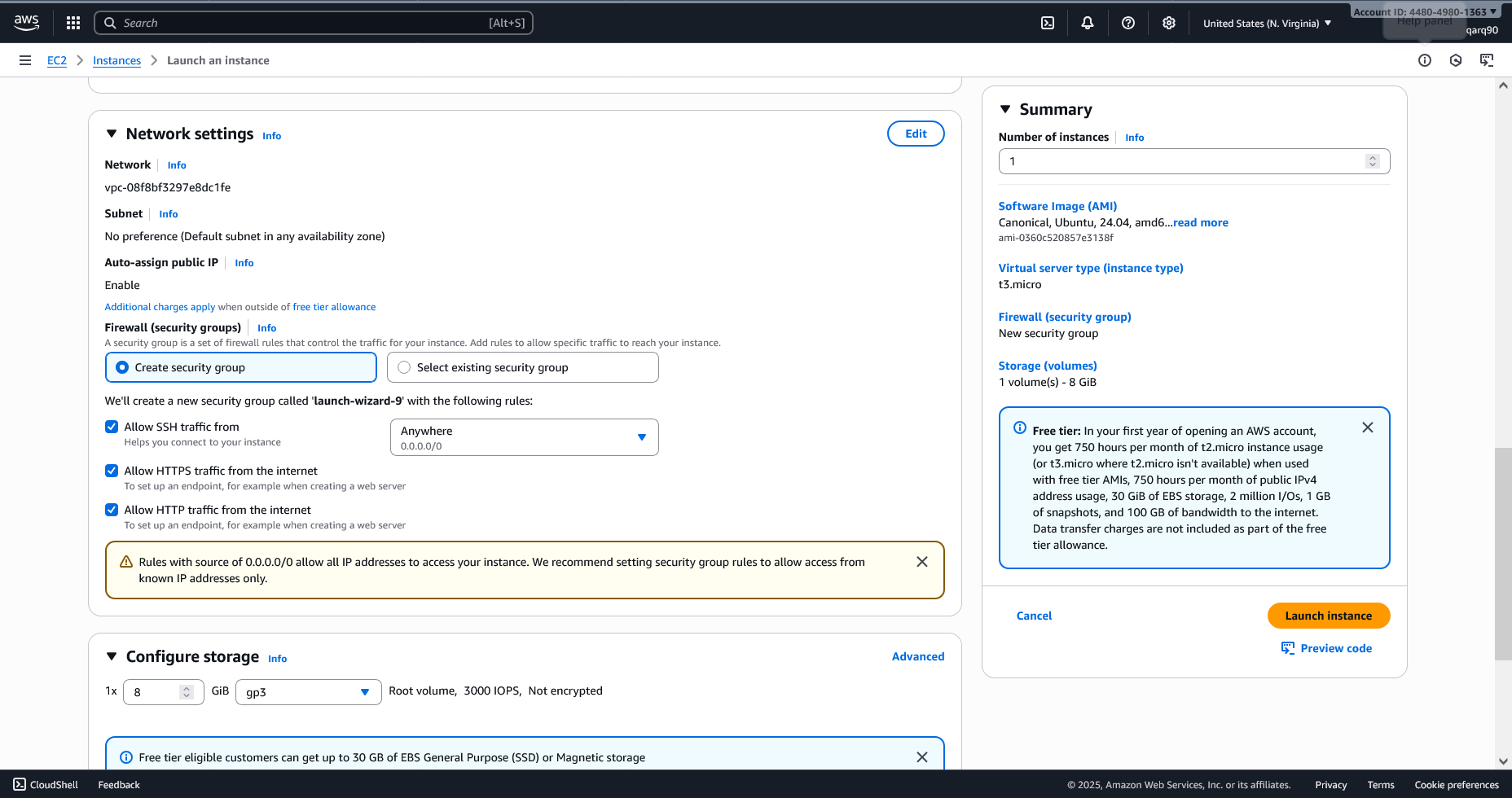
Aim: To understand and demonstrate the use of Jenkins on AWS EC2 Instance



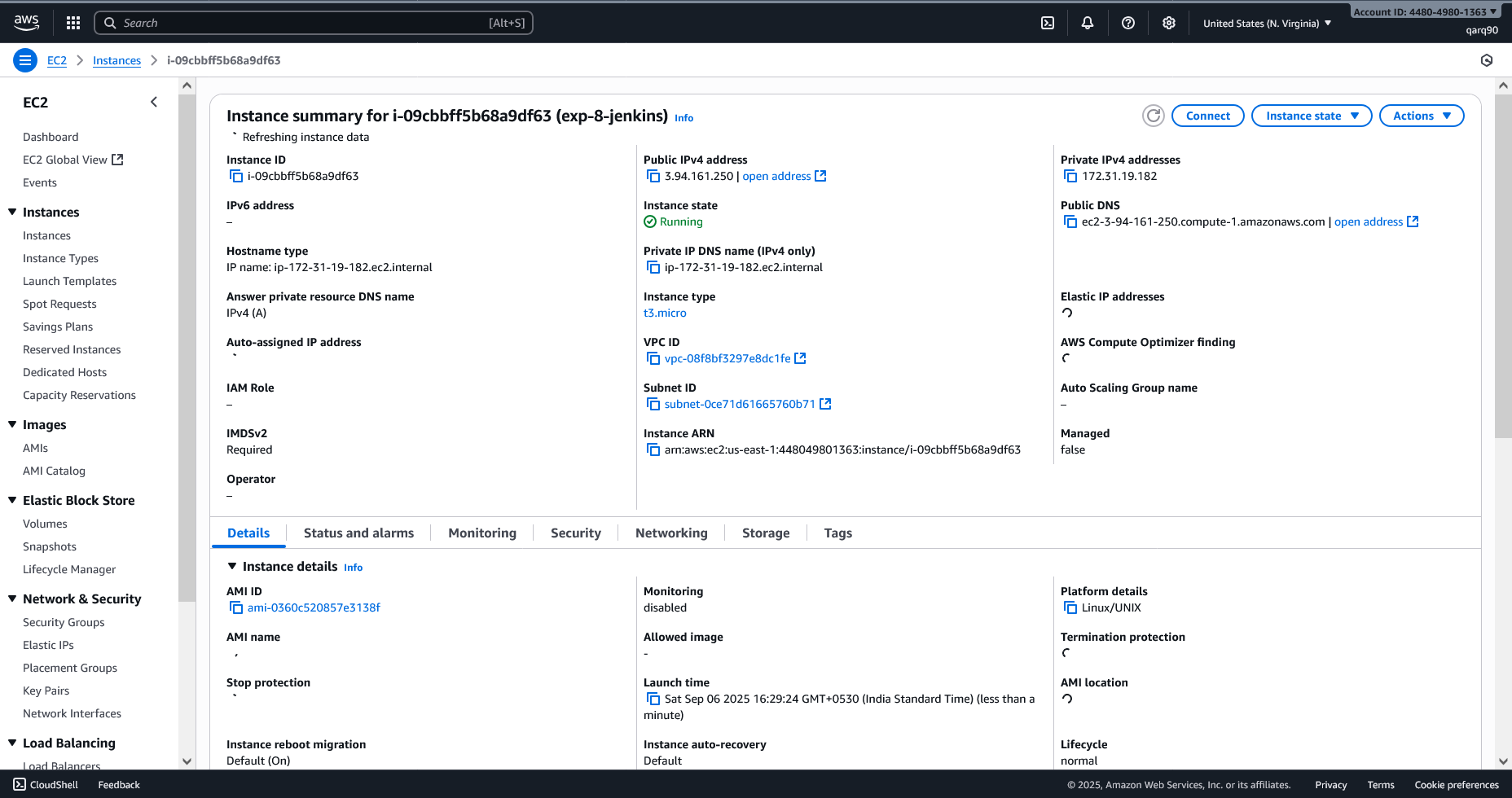
Creating an Instance



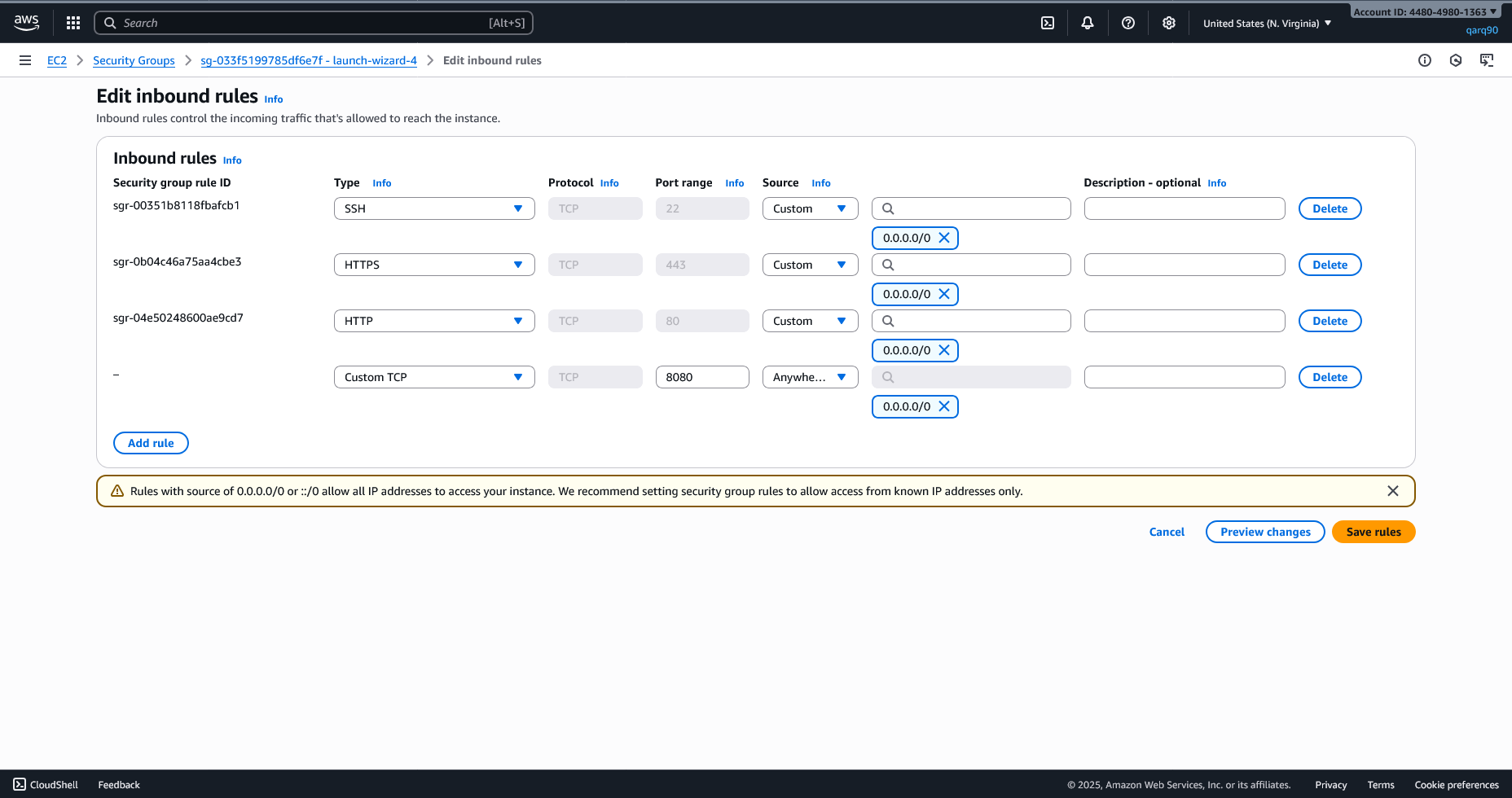
Creating the Key pair



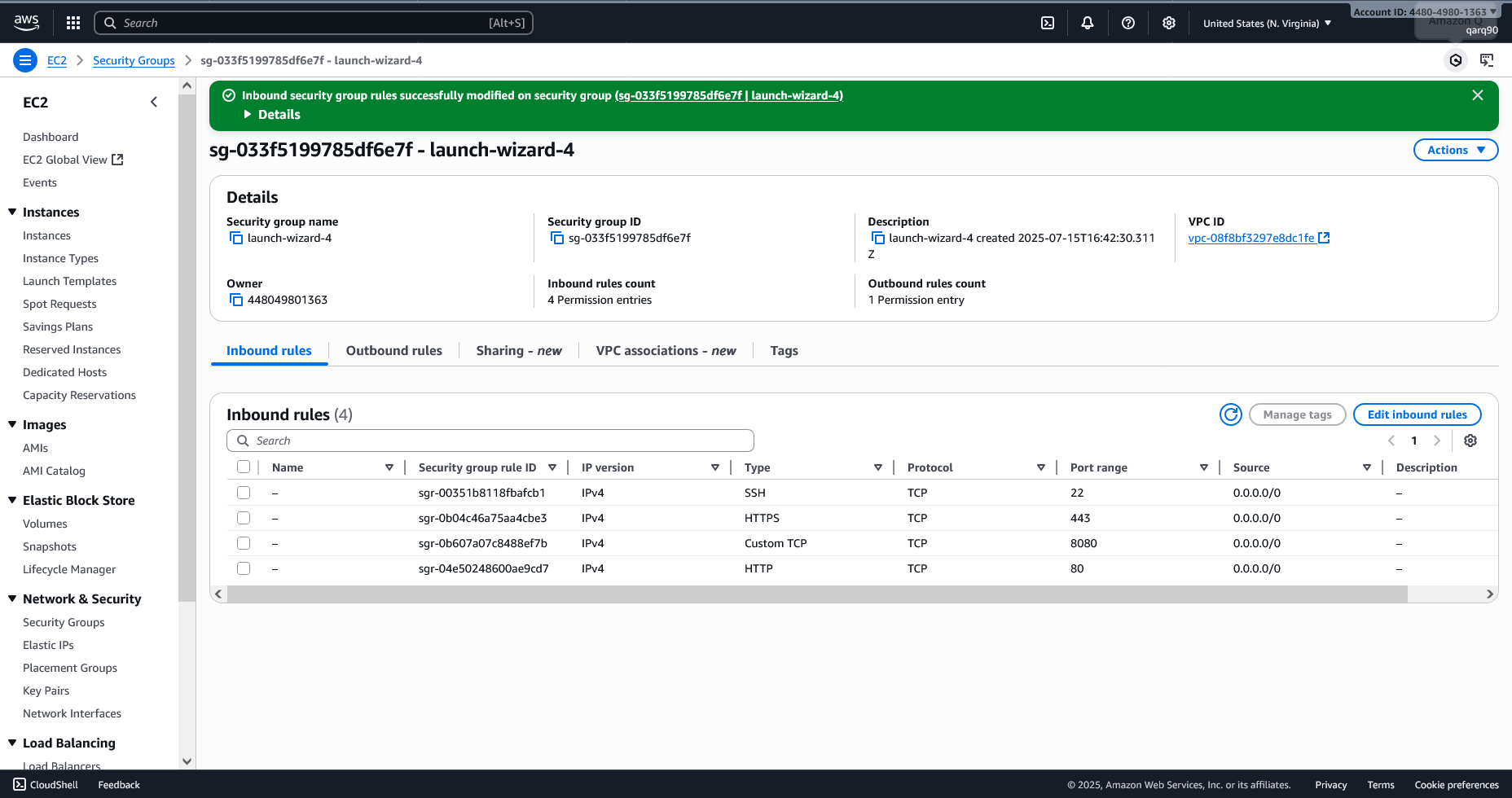
Configuring Network Settings



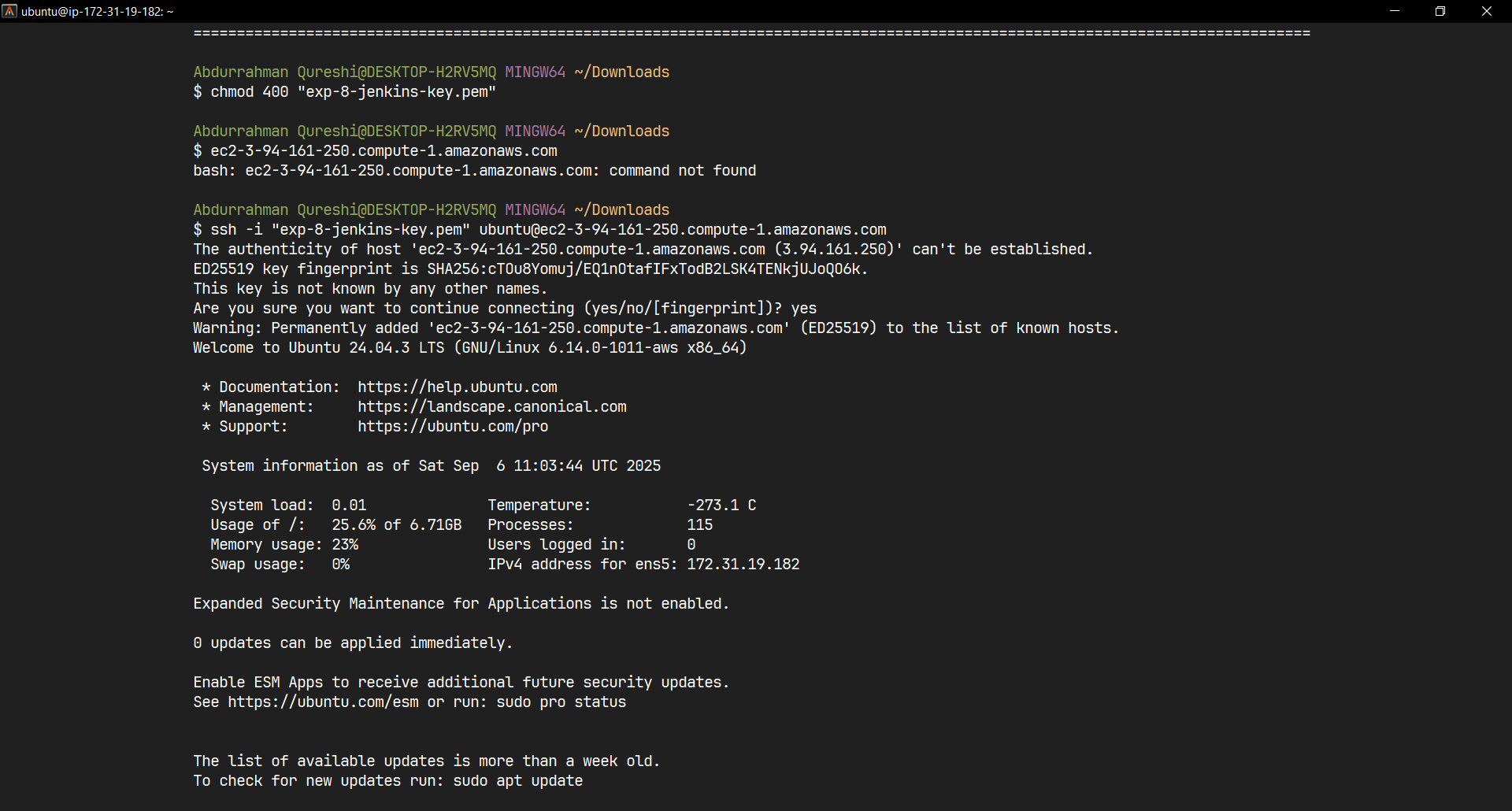
Instance Details



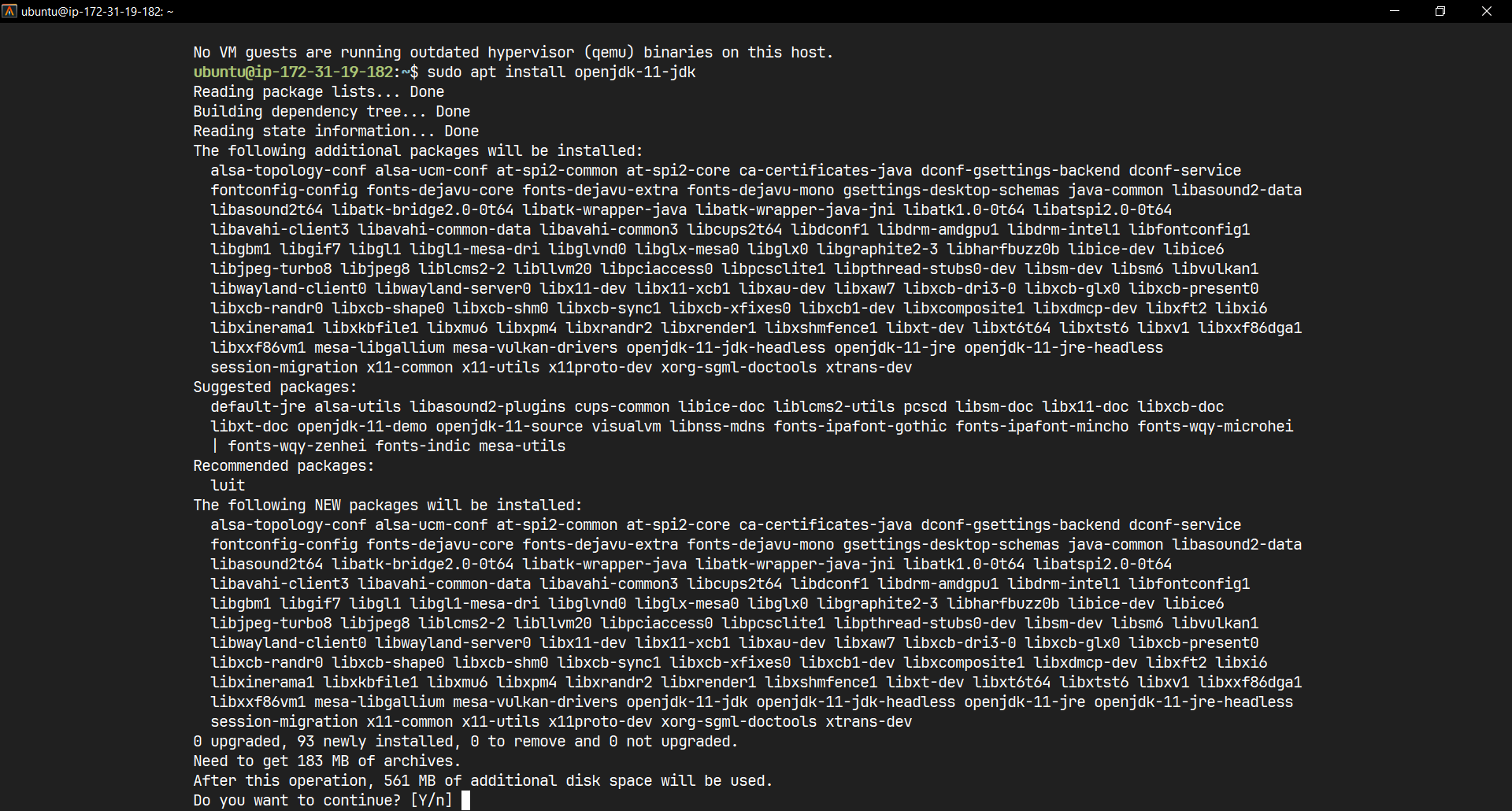
Editing Inbound Rules for Access



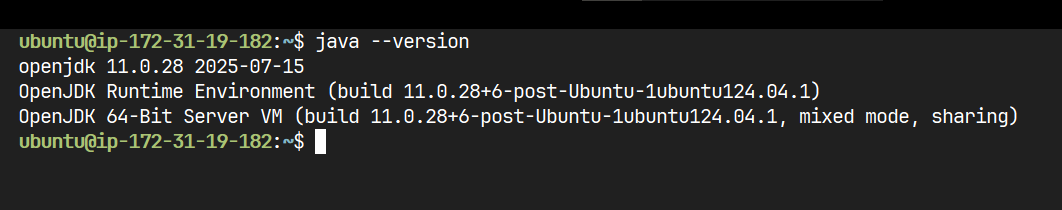
Inbound rules Updated Successfully



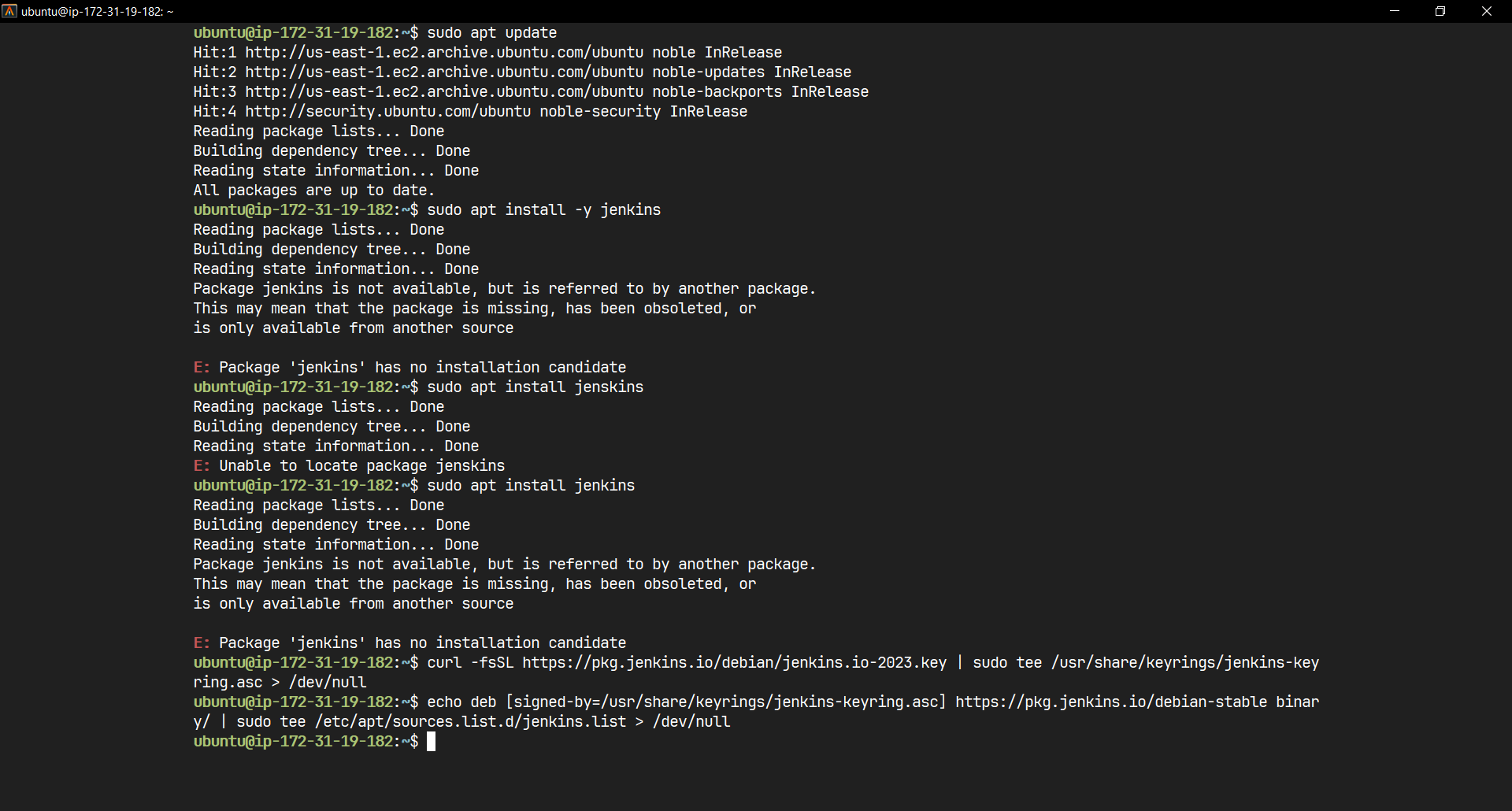
Connecting to the Instance on Alacritty(Terminal)



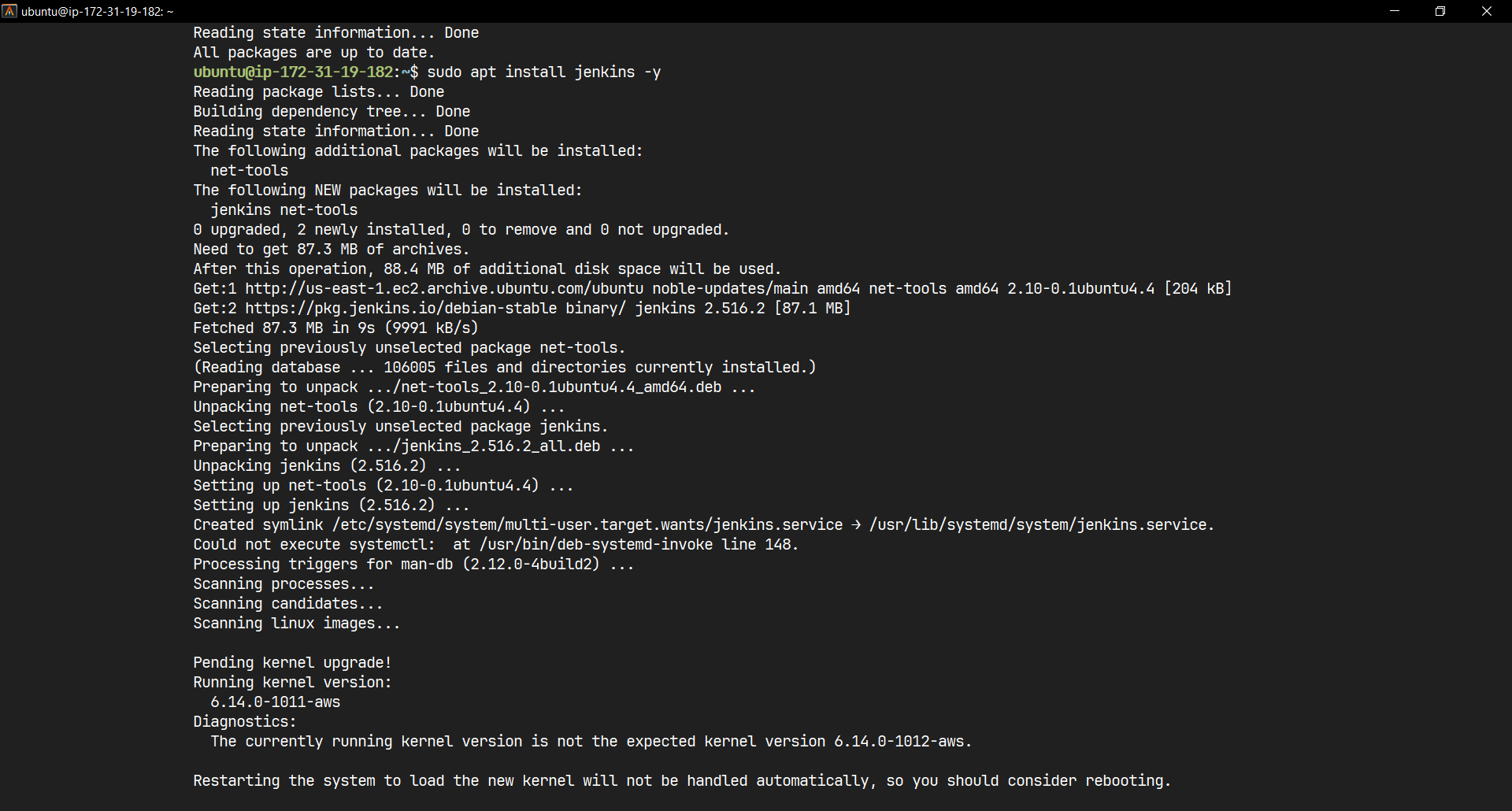
Updating system

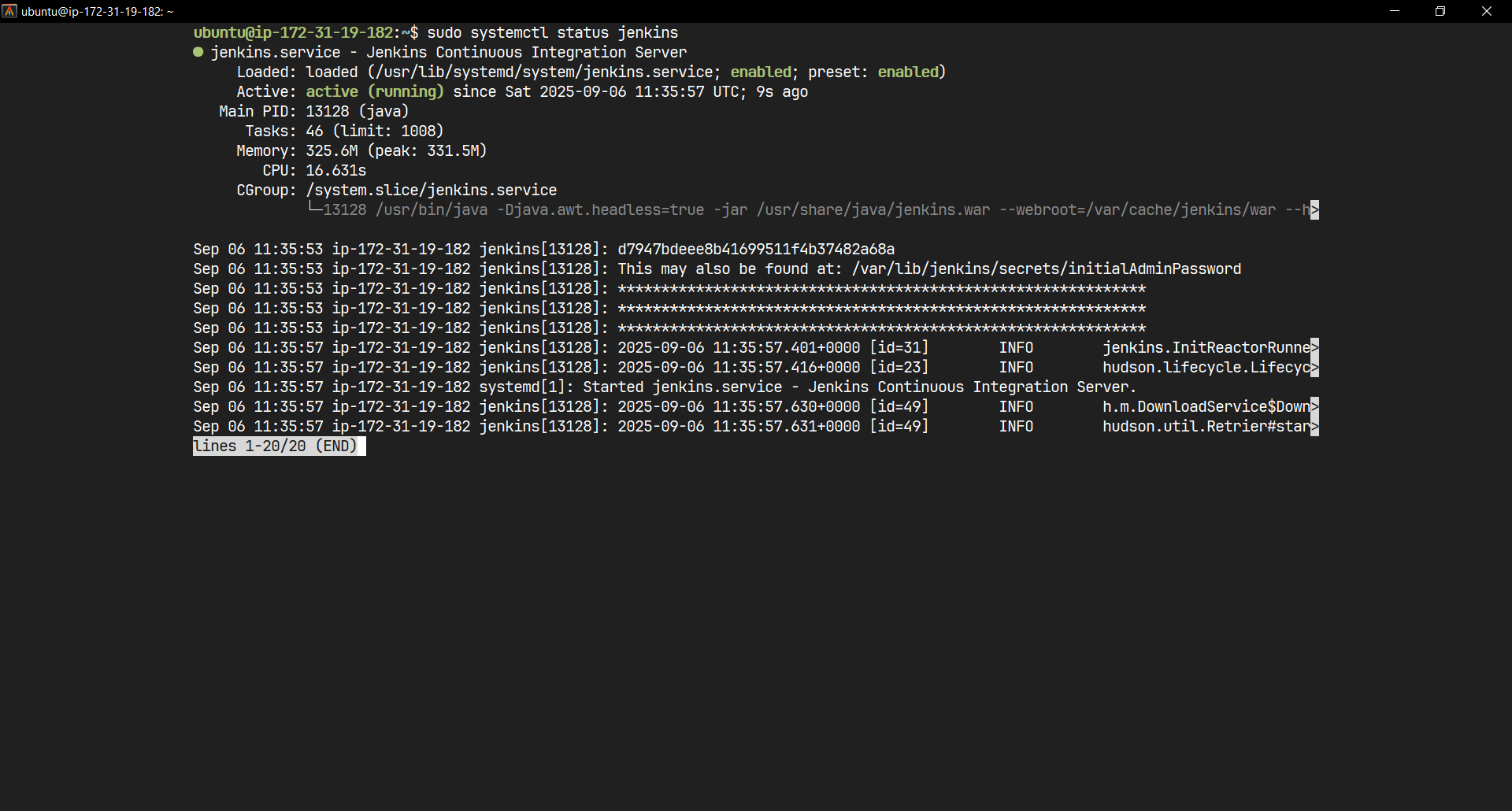


Checking java version

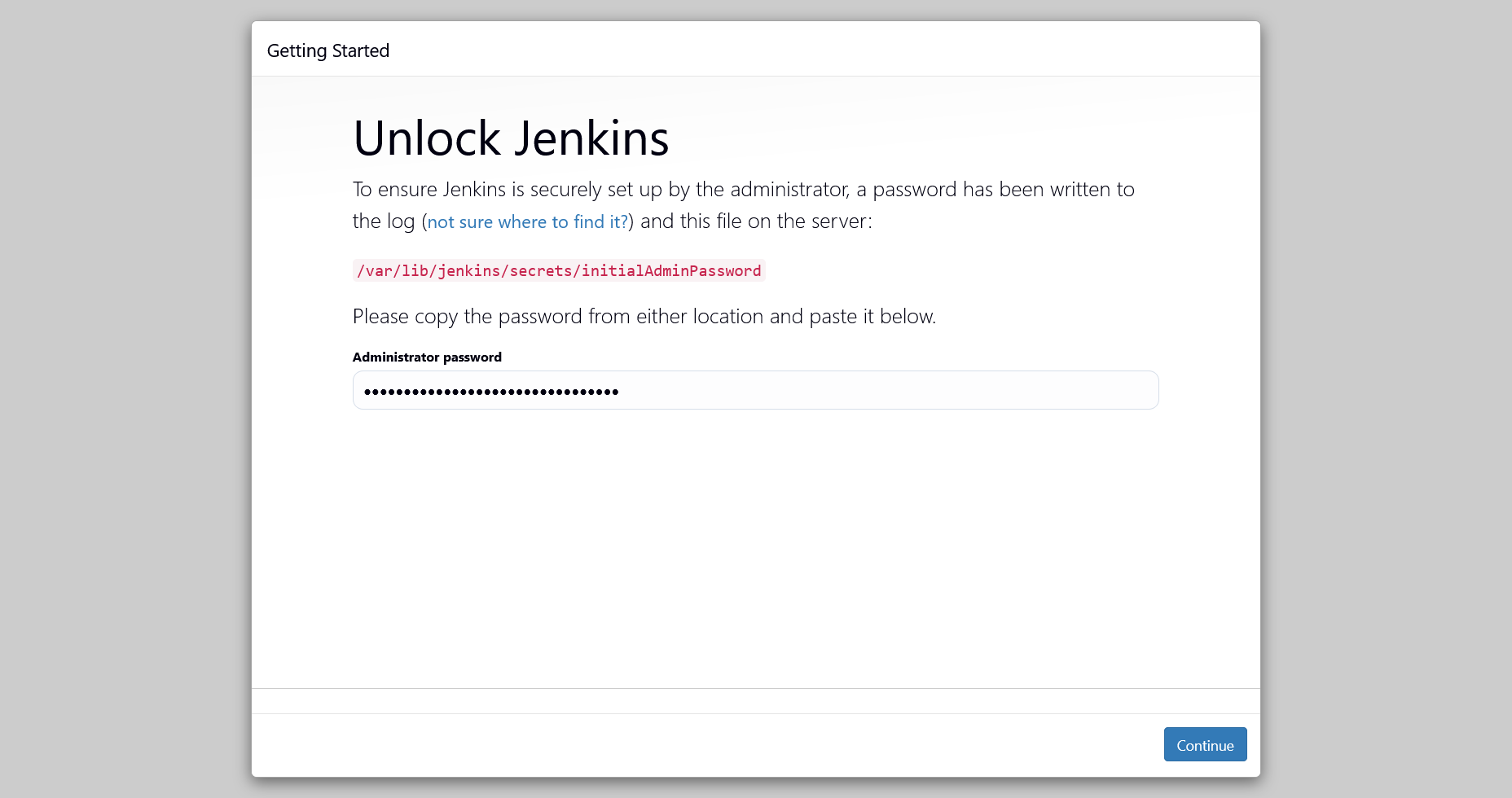


Installing Jenkins

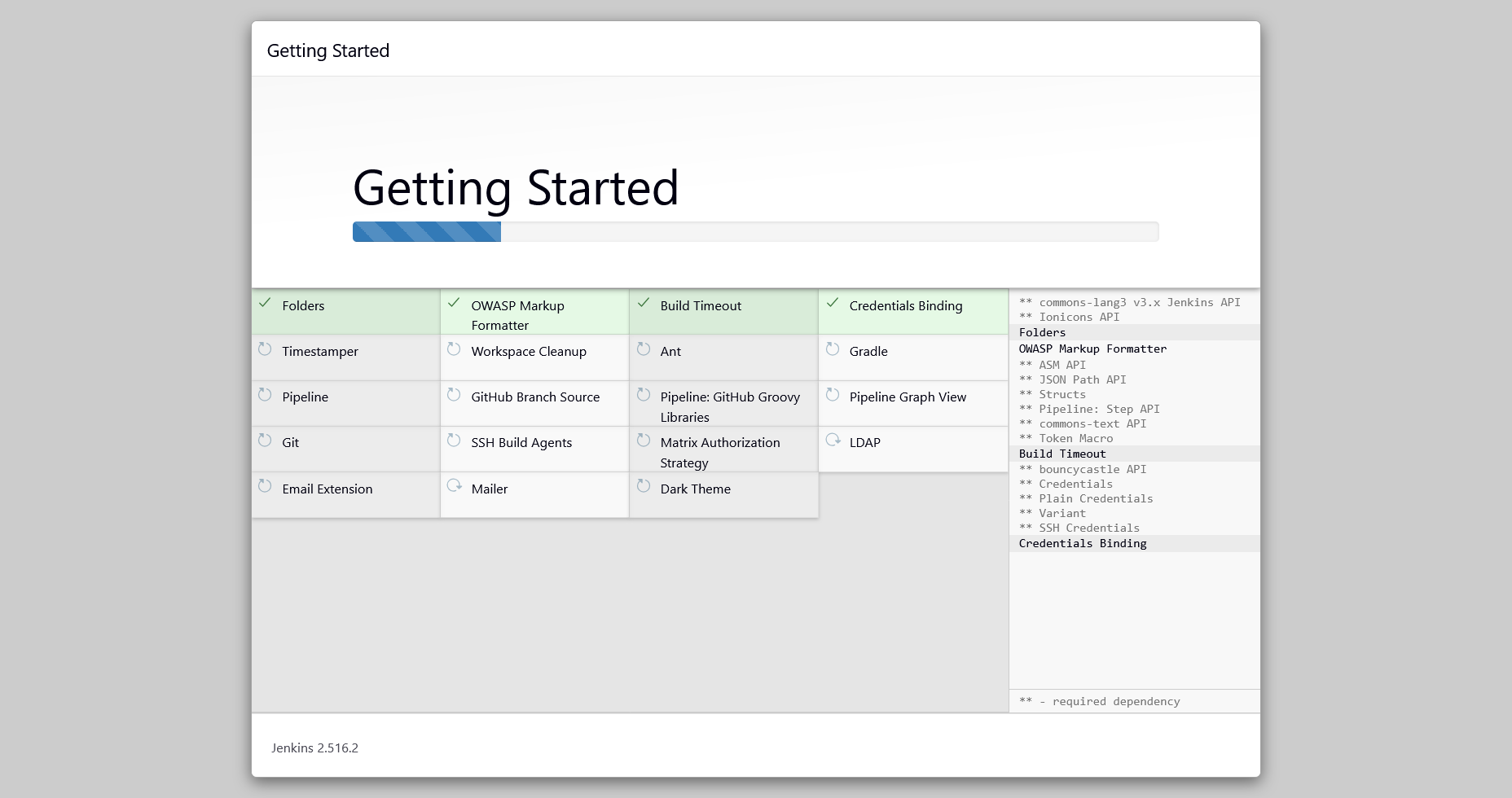




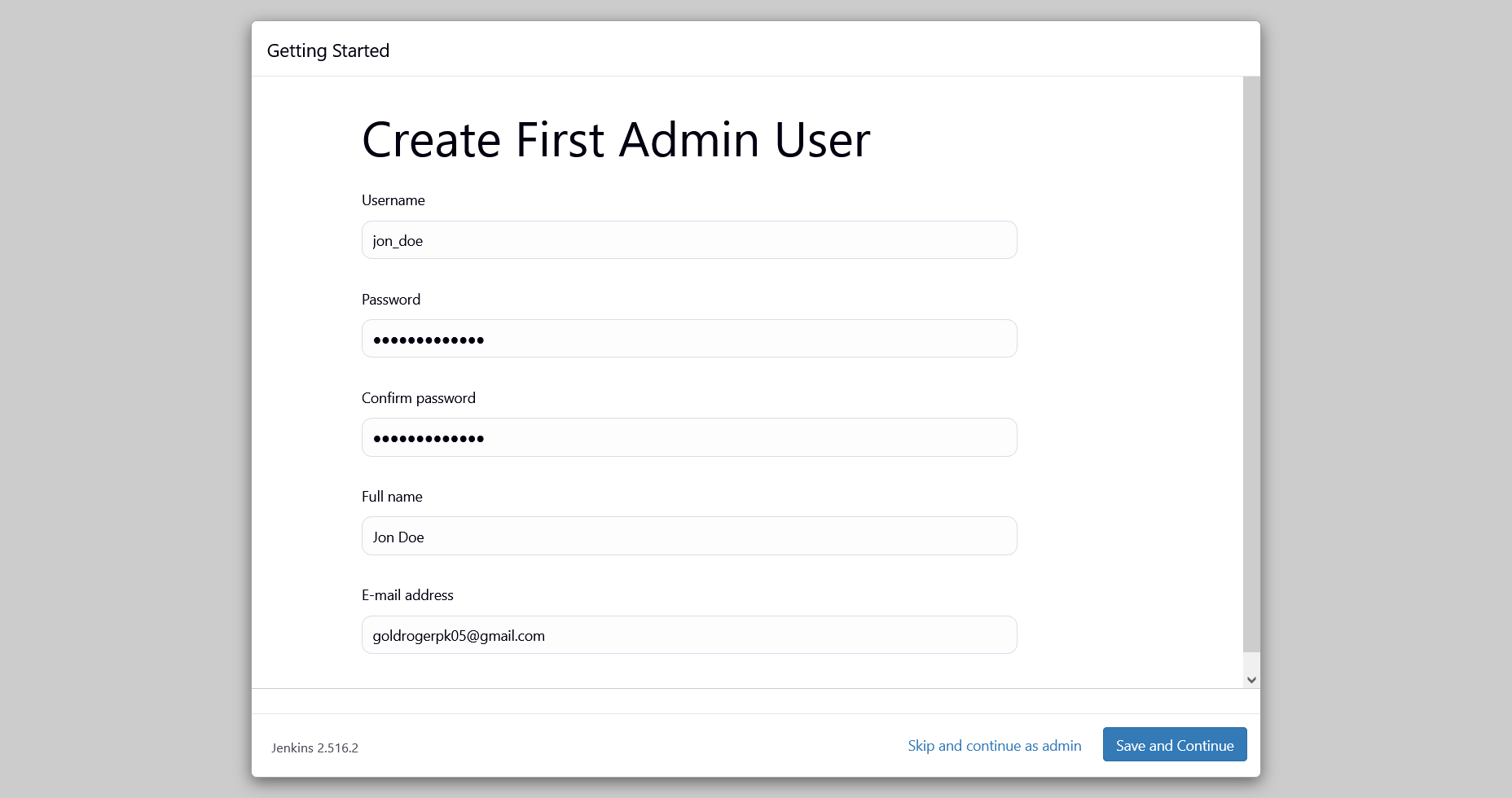
Starting Jenkins Server



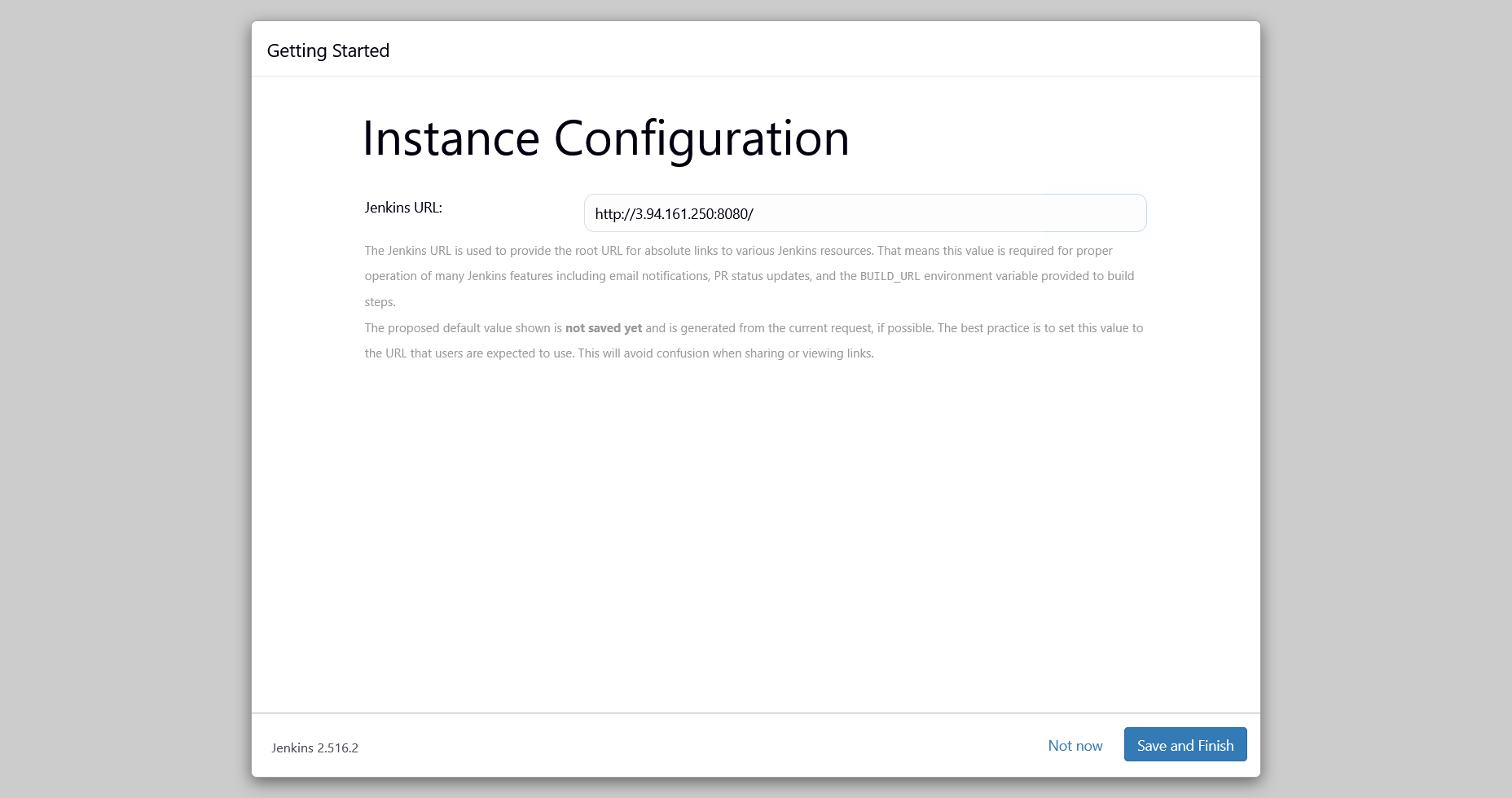
Opened on http://3.94.161.250:8080



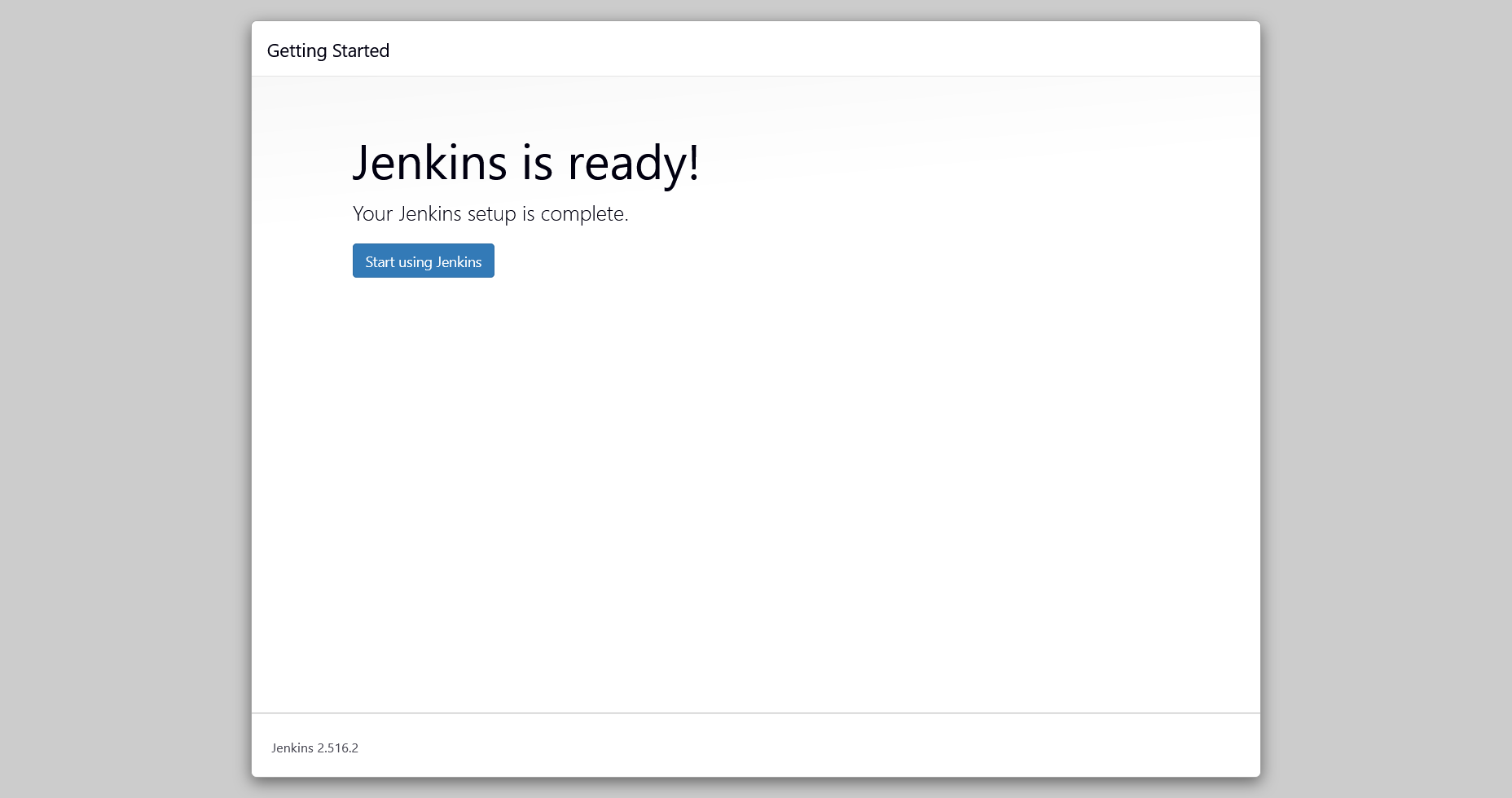
Installing Plugins



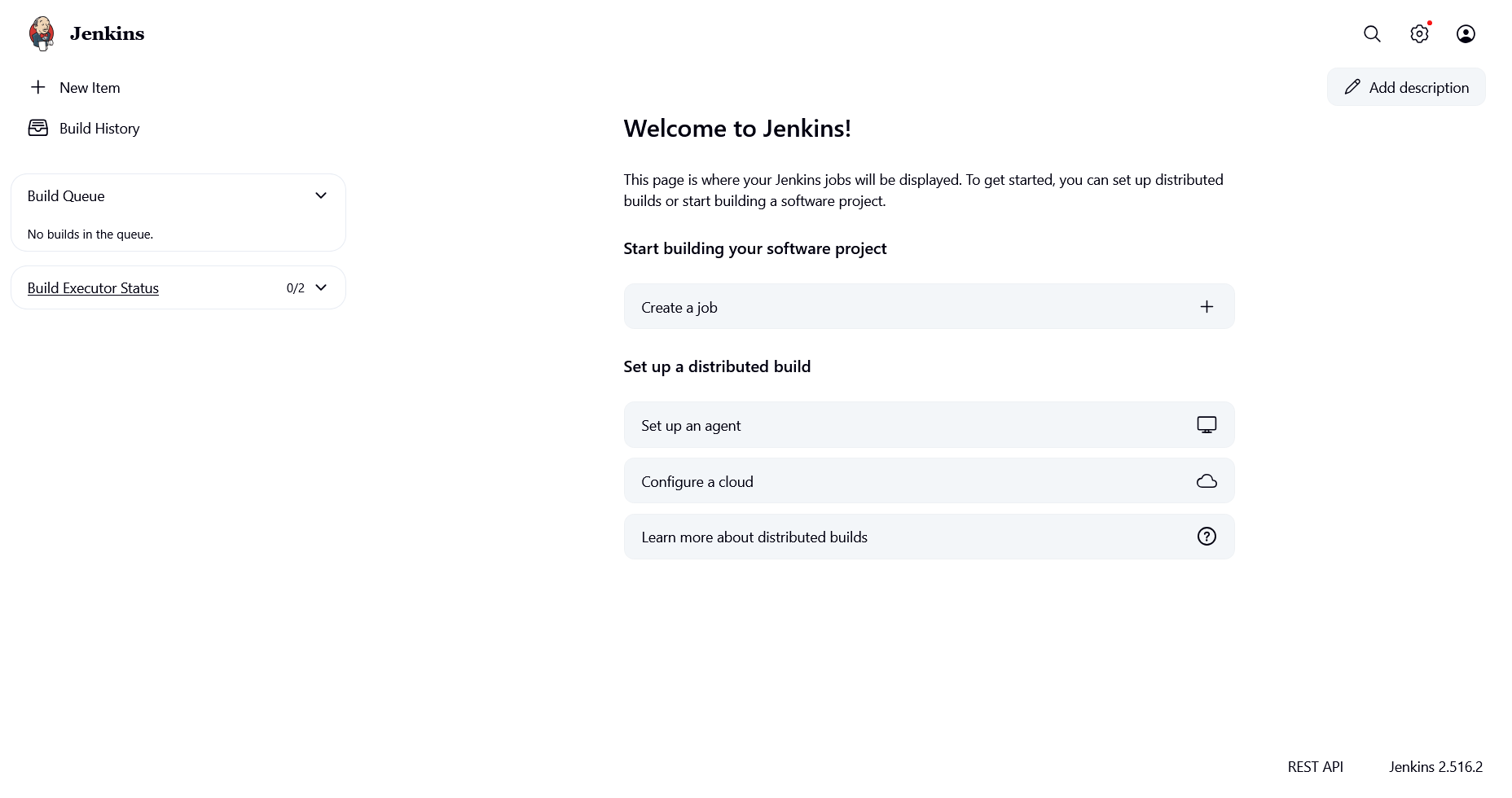
Creating Admin



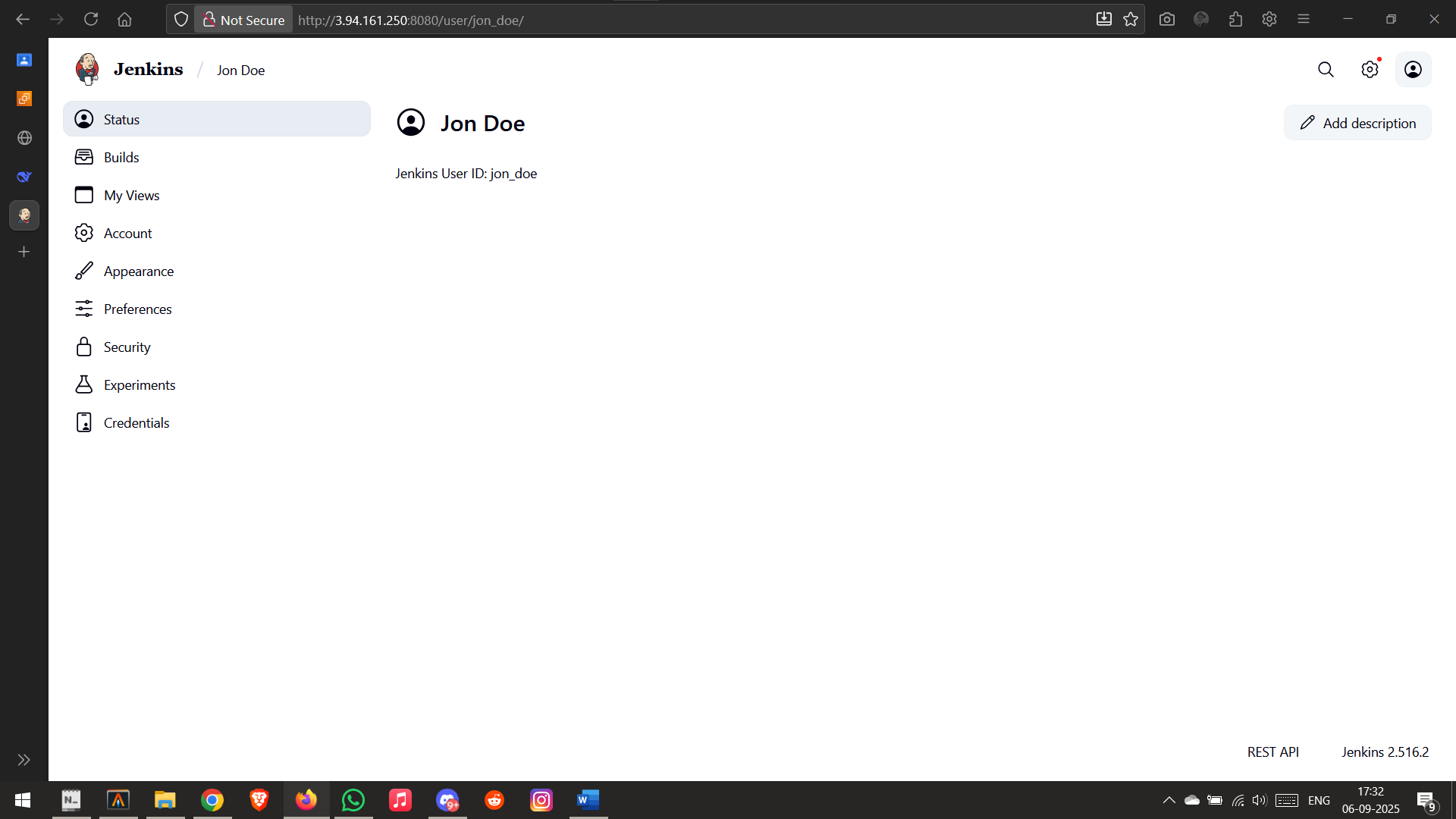
Connecting Instance



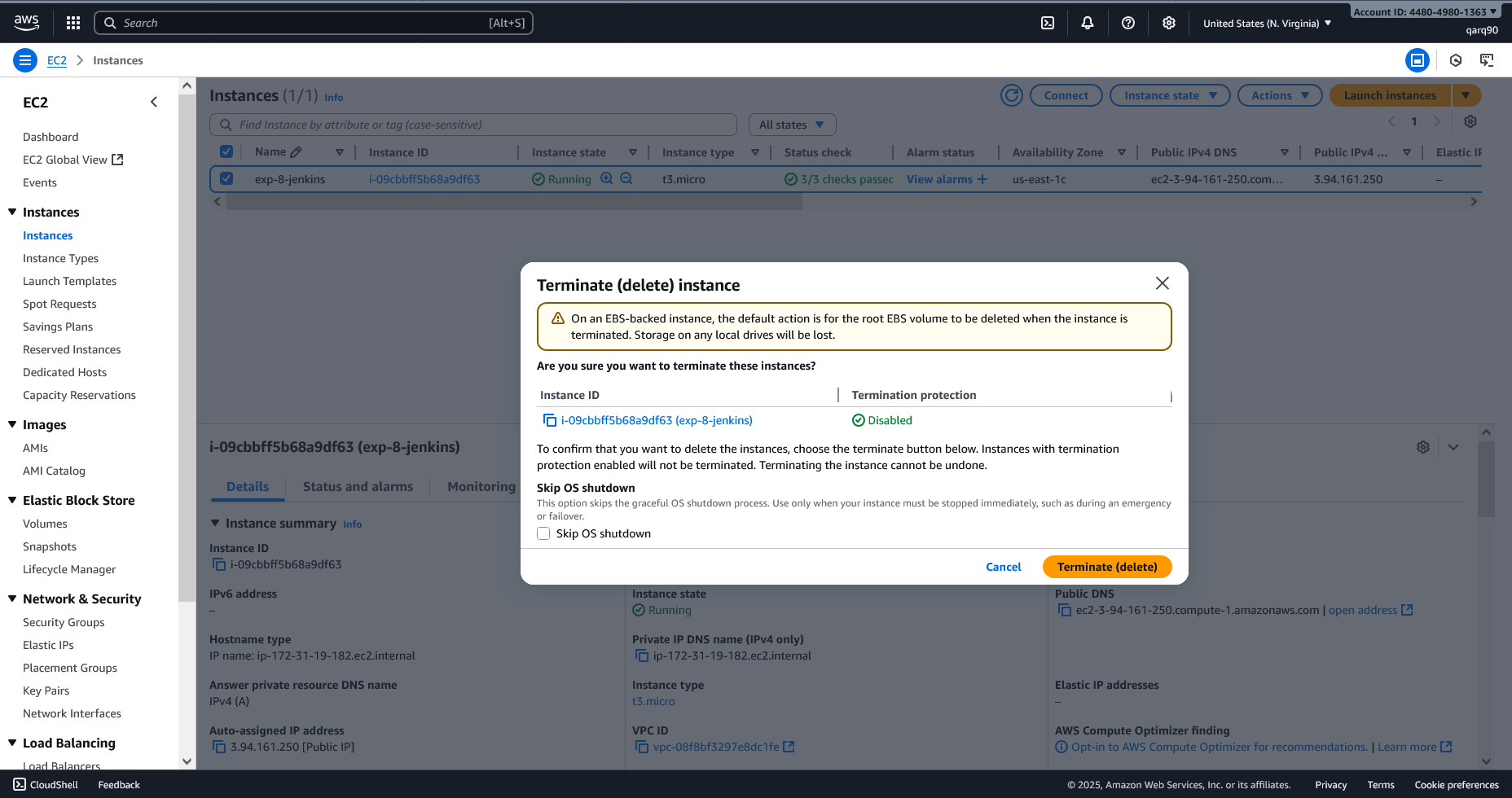
Setup Completion



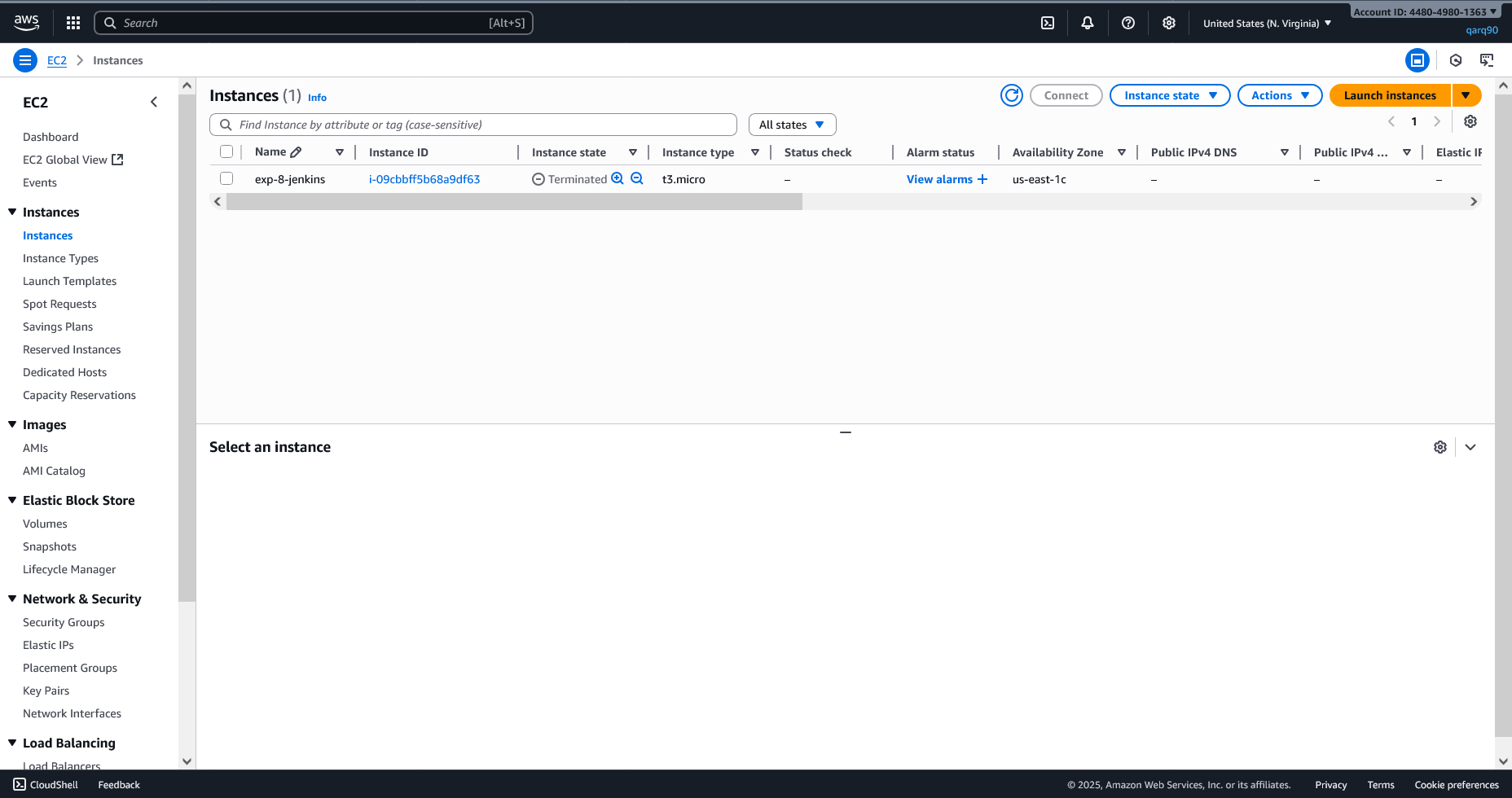
Jenkins Home Page



Jenkins User Page



Deleting Instance



Instance Terminated Successfully

sudo nano /etc/default/Jenkins

JAVA\_HOME=/usr/lib/jvm/java-17-openjdk-amd64

sudo journalctl -u jenkins.service -b --no-pager | tail -20

sudo ln -sf /usr/lib/jvm/java-17-openjdk-amd64 /usr/lib/jvm/default-java

sudo systemctl daemon-reload

sudo systemctl start jenkins