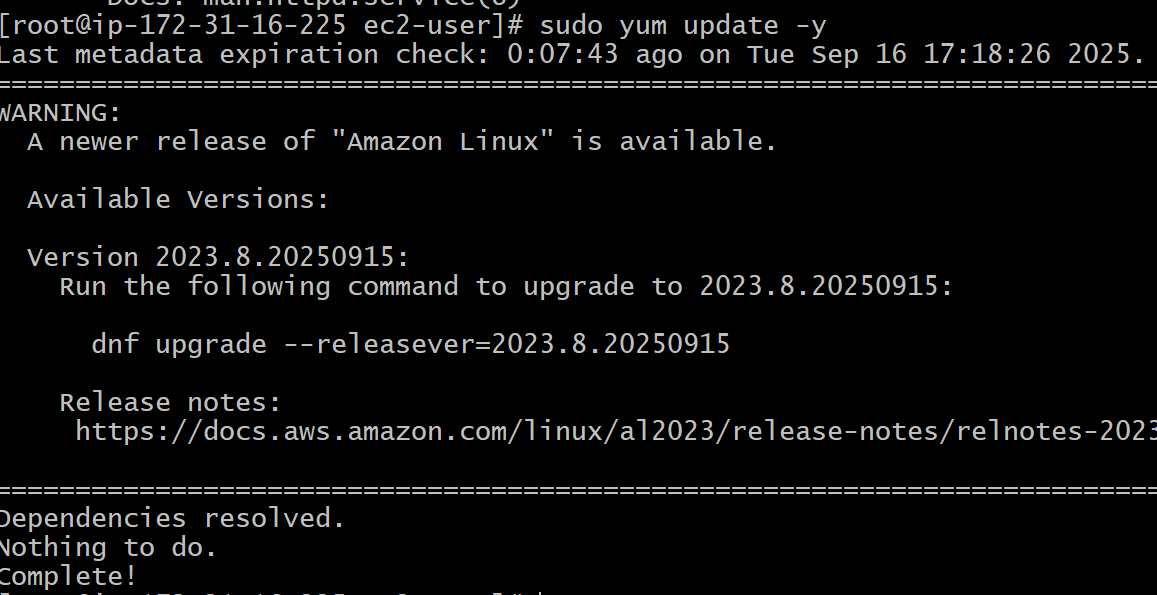
**AWS Challenge**

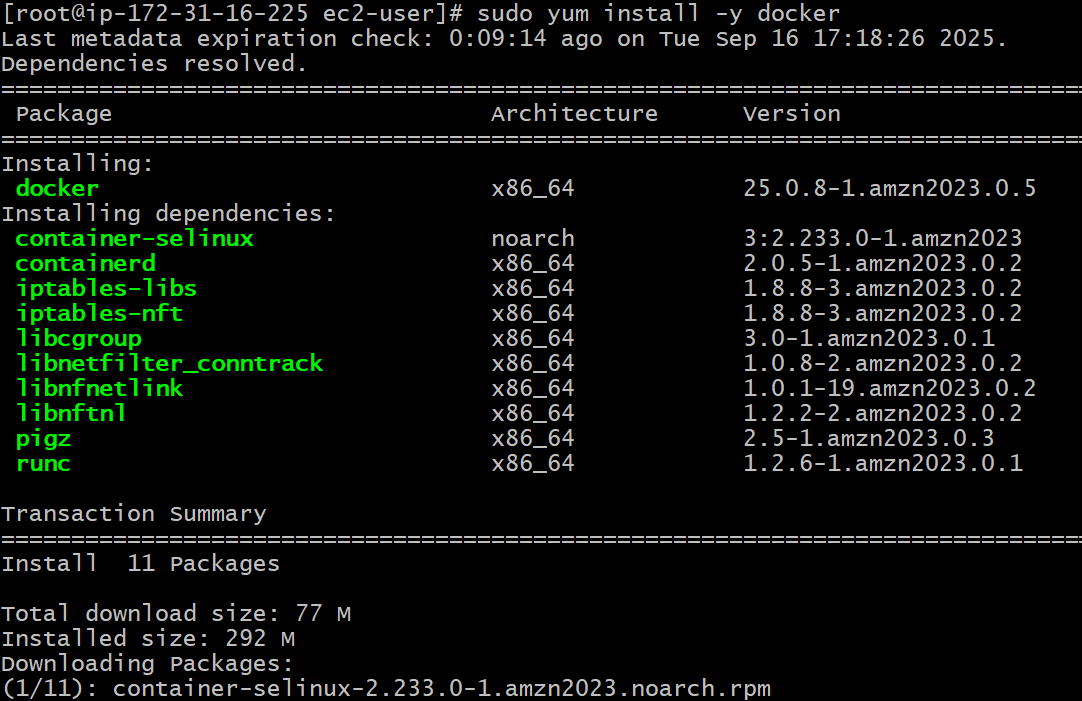
Launch one **EC2 instance** using **Amazon Linux 2**

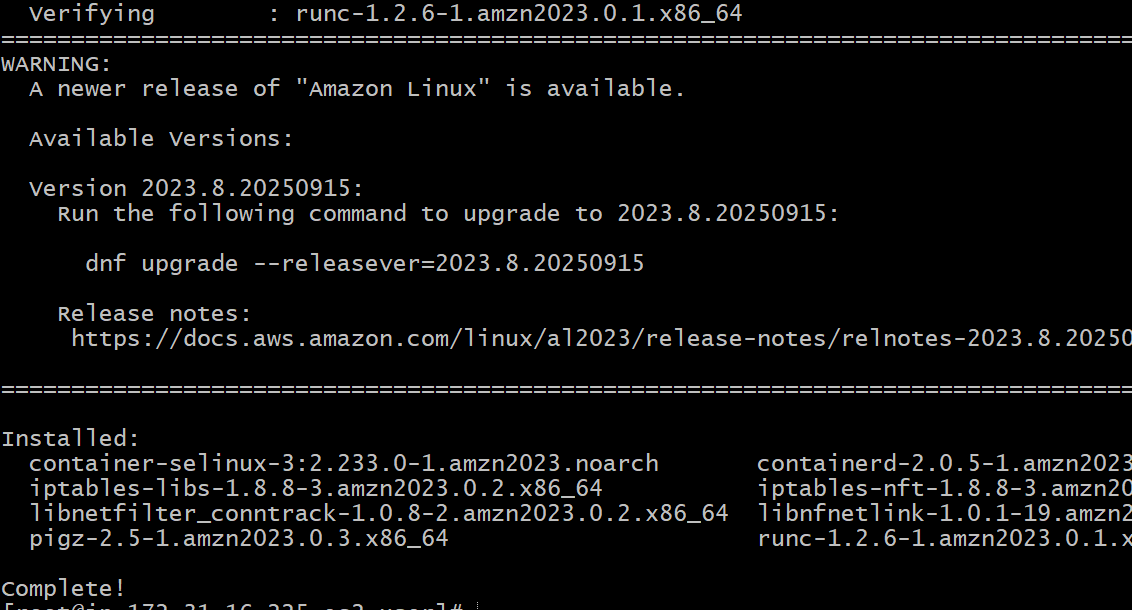




1.Install docker

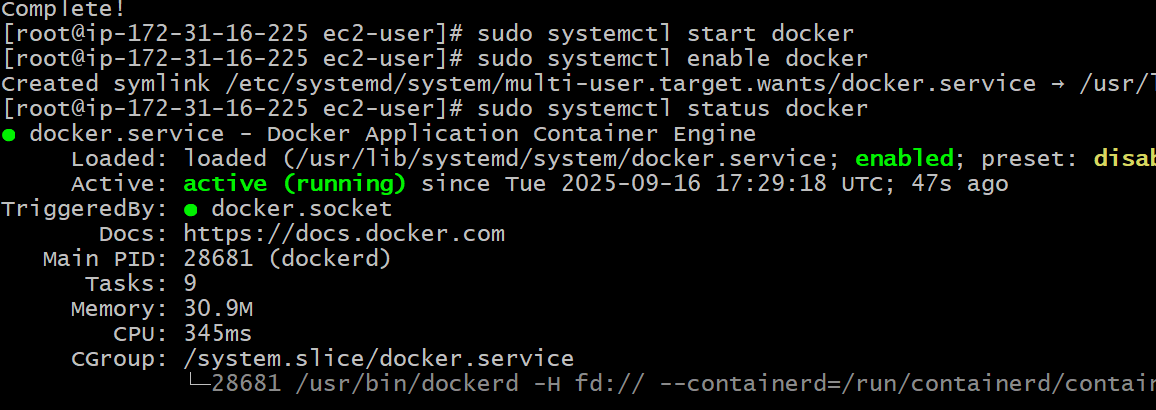
Yum install -y docker



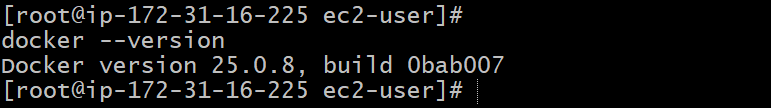


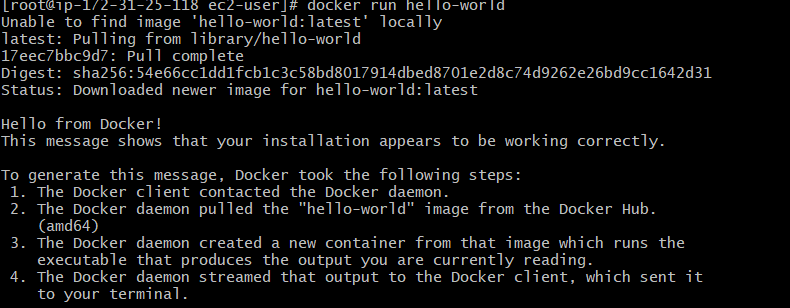
Sudo systemctl start docker

Sudo systemctl enable docker



We can find the version by using docker --version

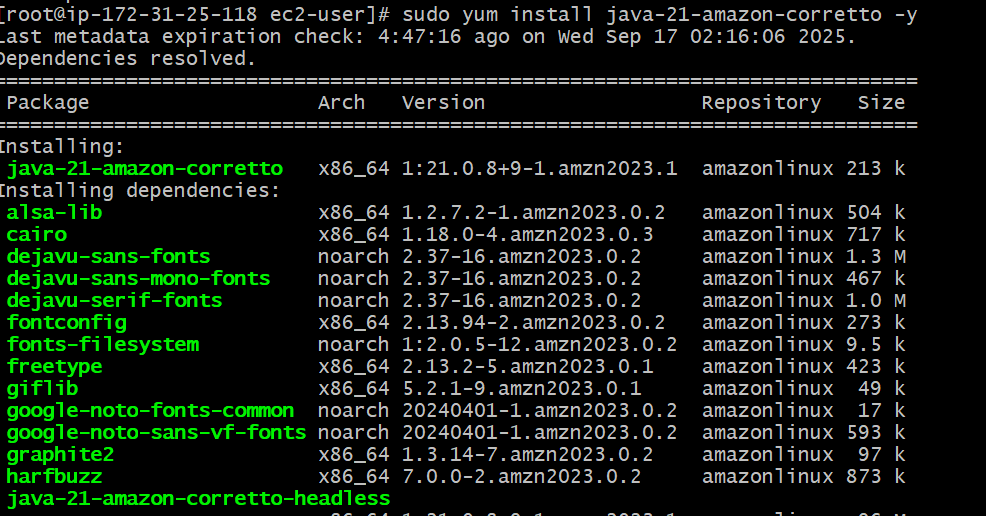




2.Install **Jenkins**

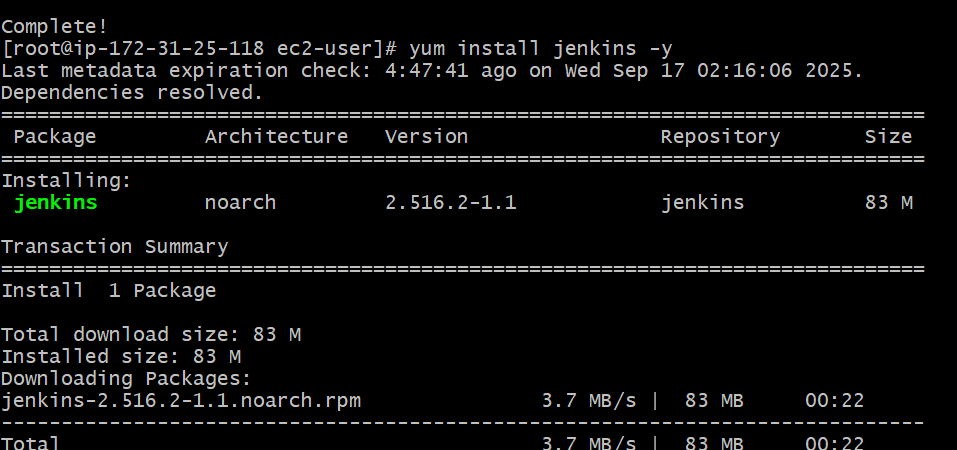
sudo yum update –y

sudo yum install java-21-amazon-corretto -y



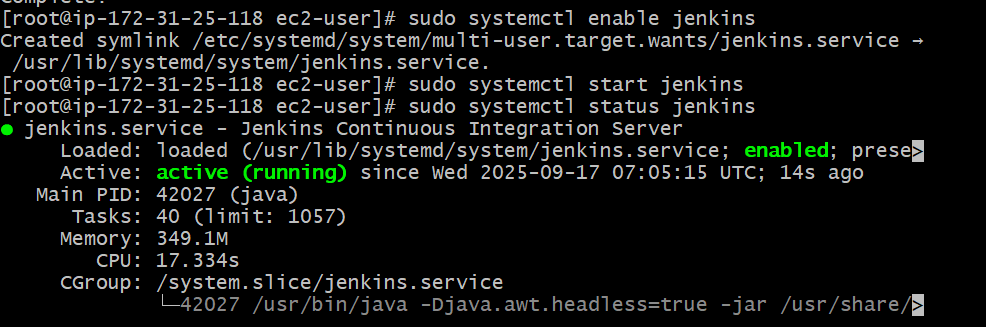
sudo yum install jenkins -y

sudo systemctl enable jenkins

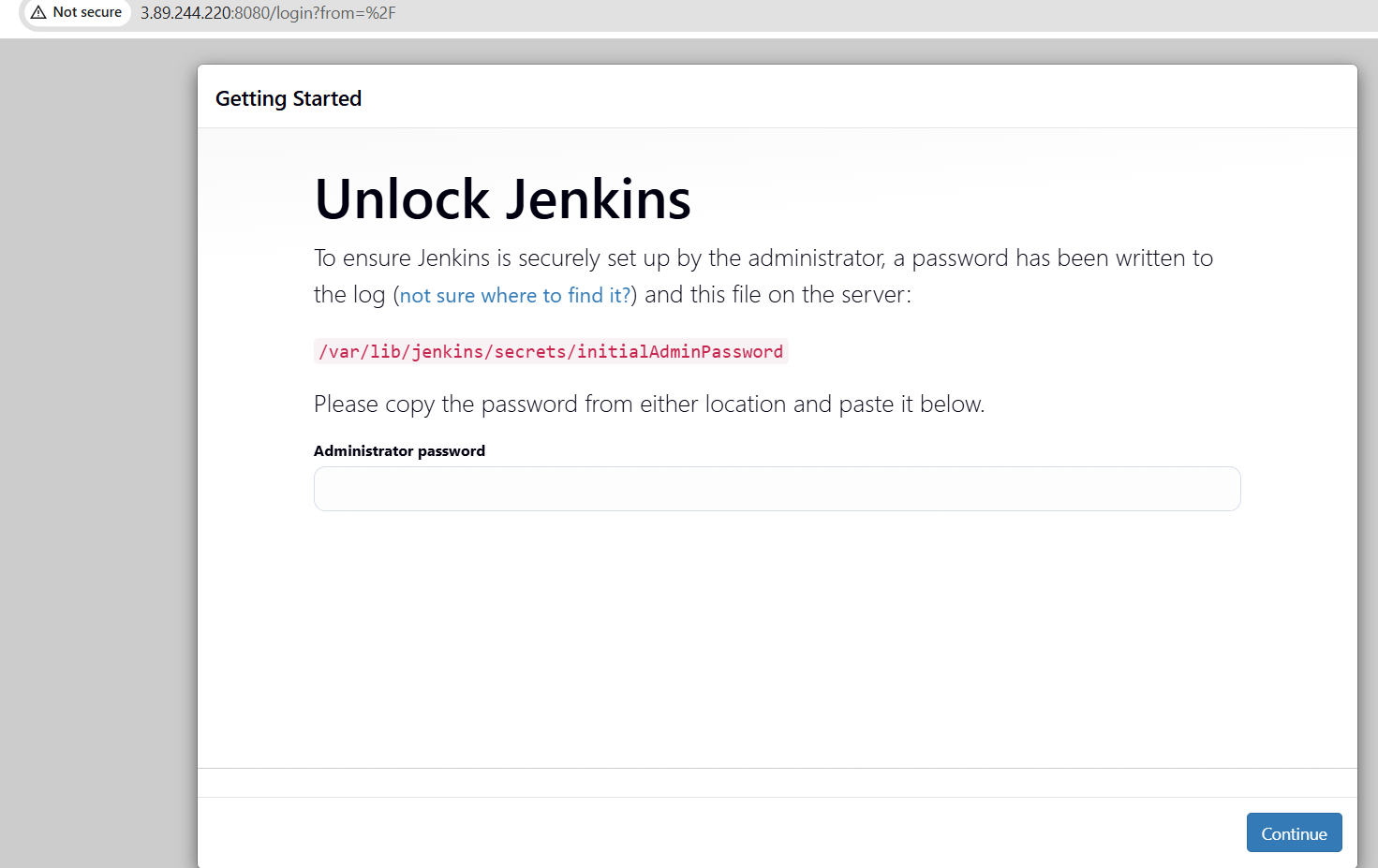


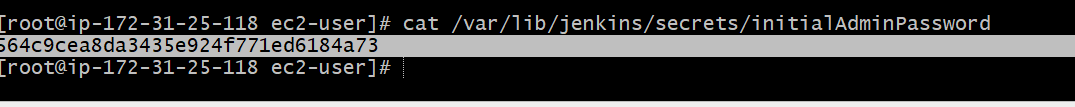
sudo systemctl start jenkins

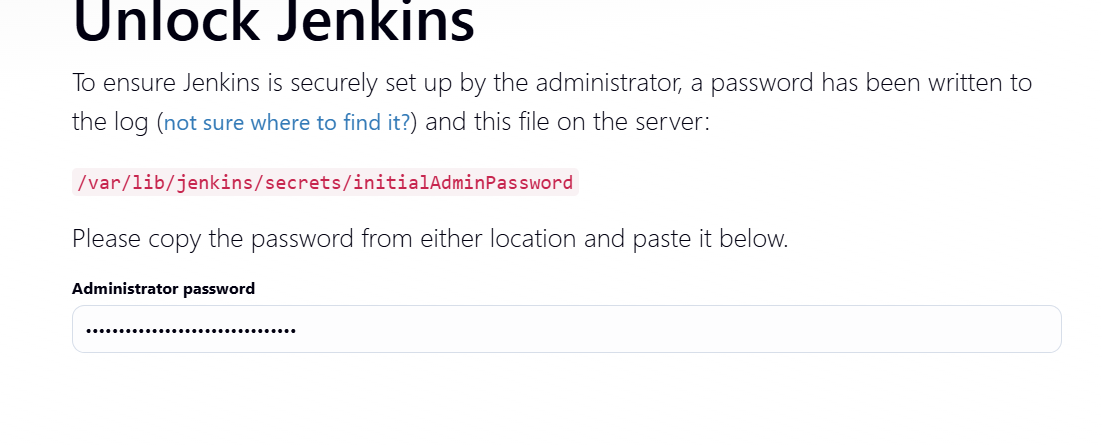
sudo systemctl status jenkins

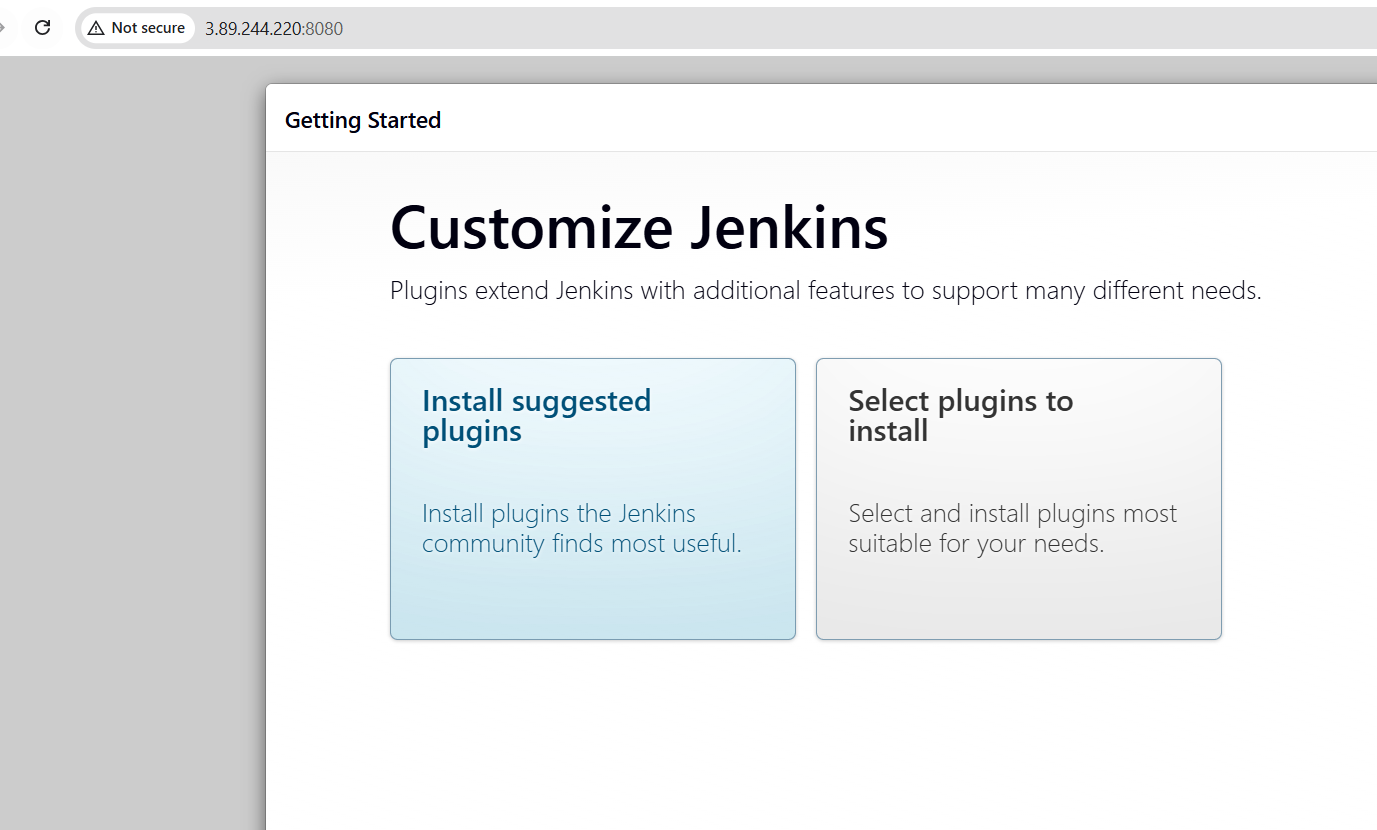


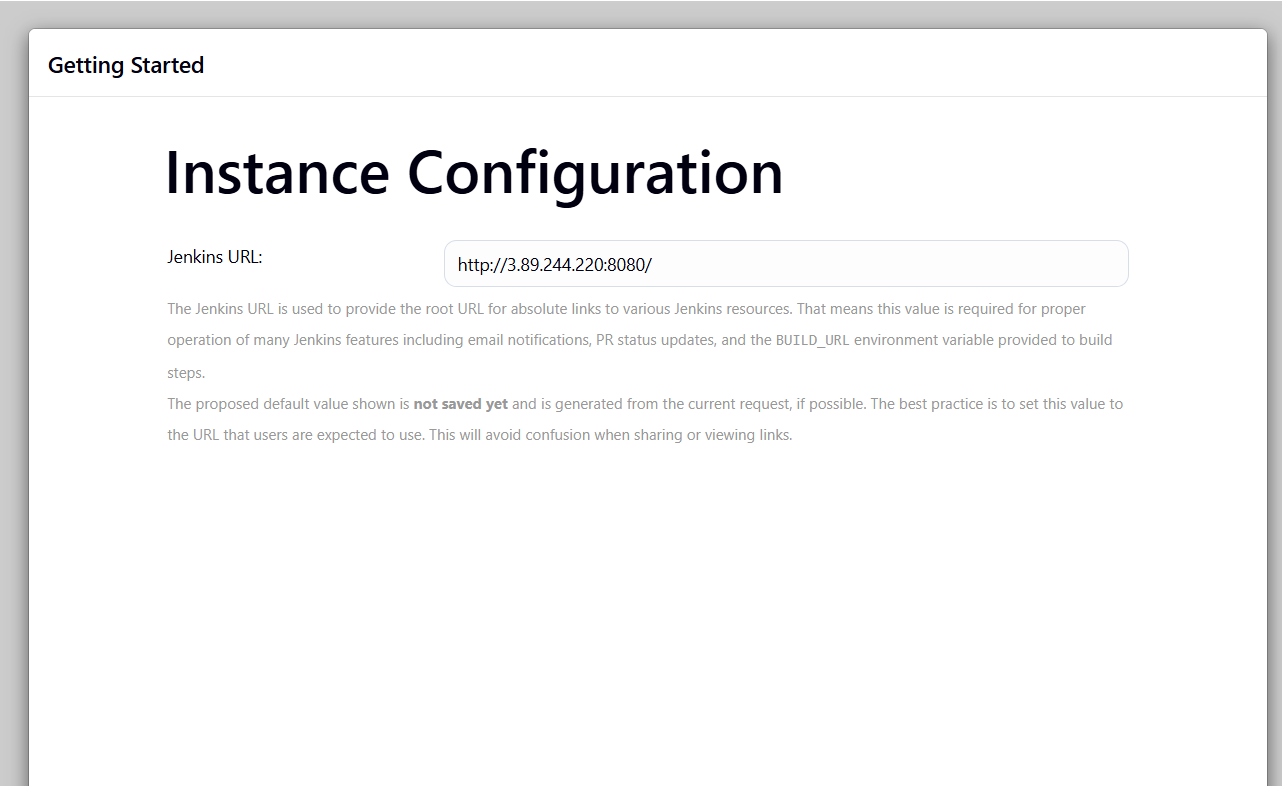
Jenkins runs on port 8080 by default. Access Jenkins through your web browser by entering http://your\_server\_ip:8080. You should see a screen asking for an initial administrator password

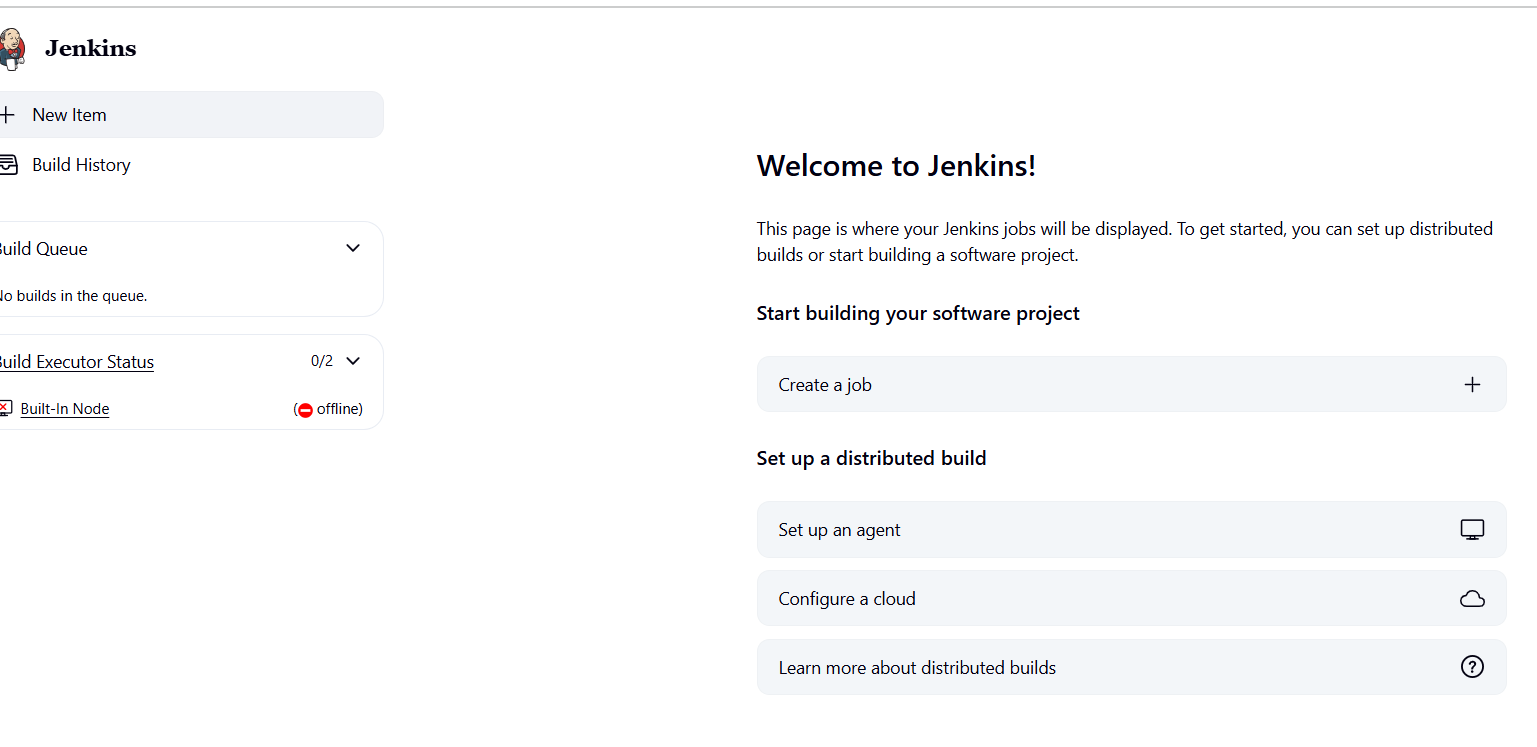










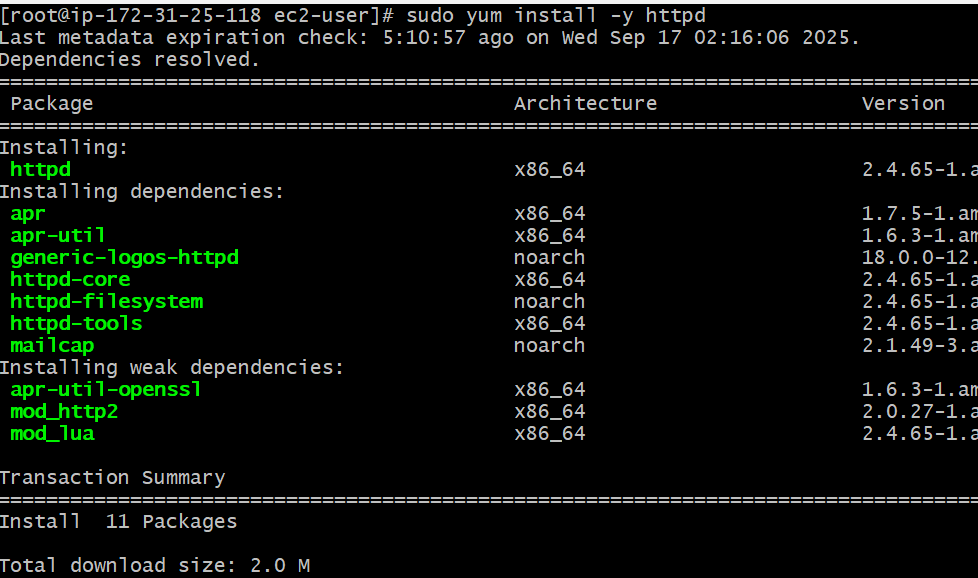


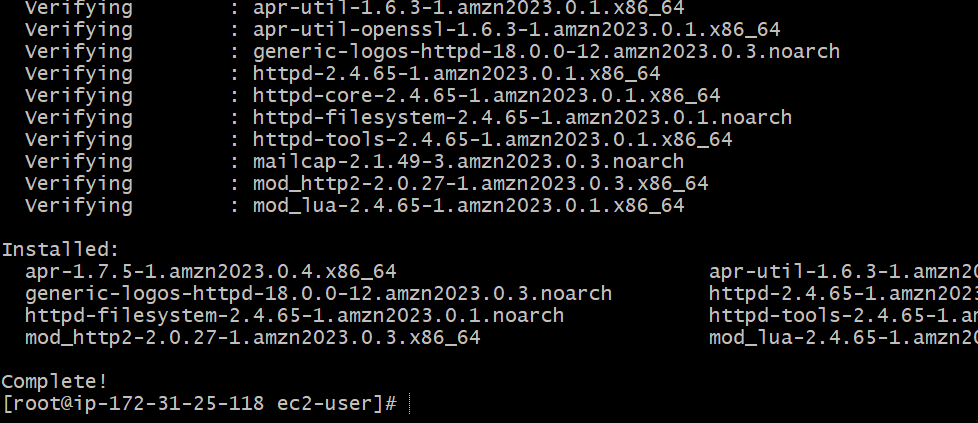
3. Install **Apache**

Yum install httpd



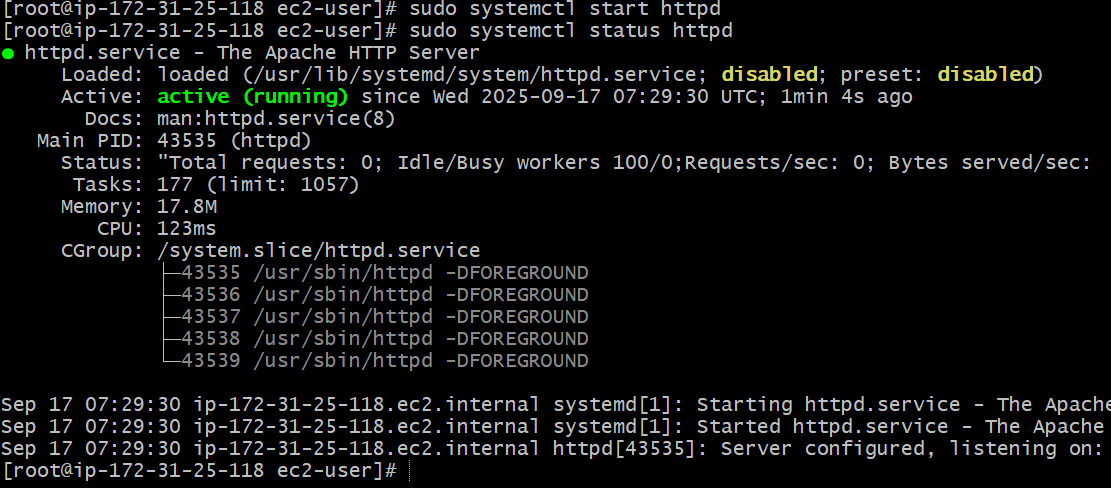
Sudo Yum install -y httpd



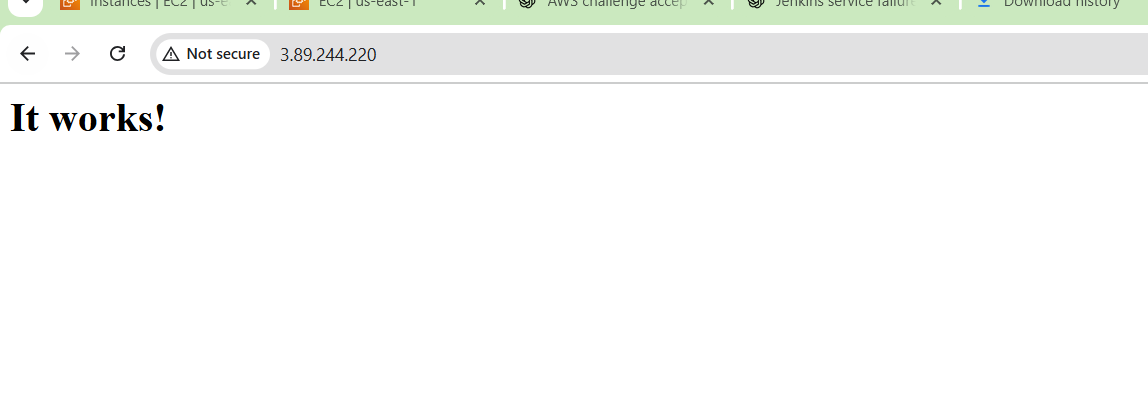


Sudo systemctl start httpd

Sudo systemctl status httpd



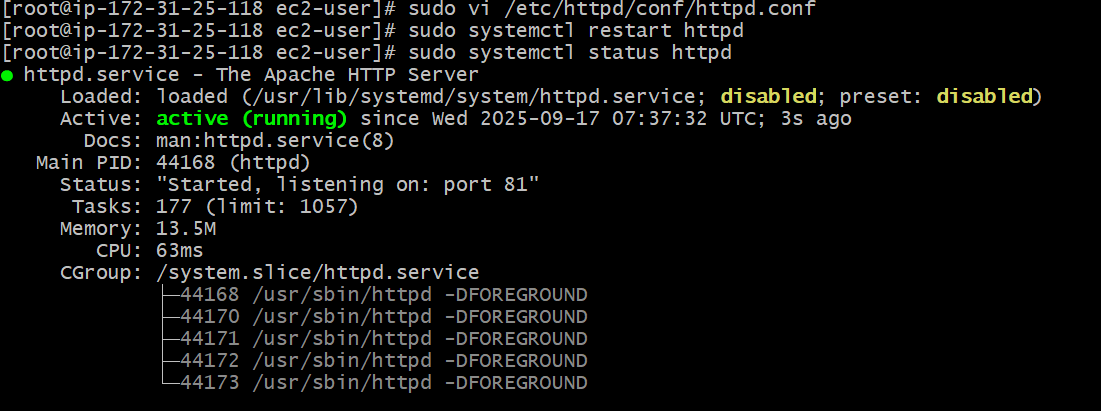
By default it works on port number 80.

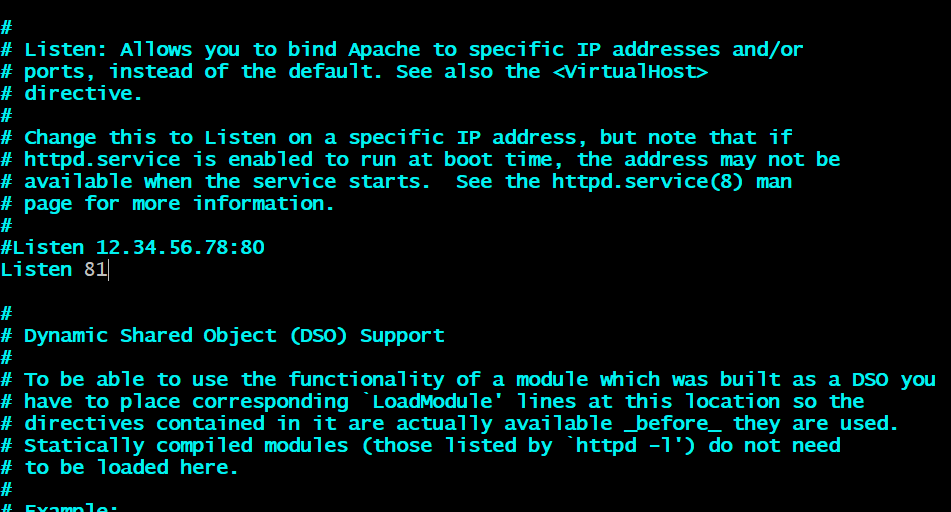


If we change to port number go to conf folder and edit the port number.

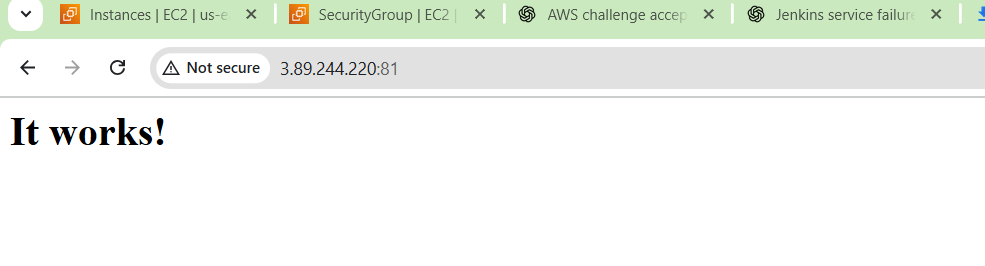
Sudo systemctl restart httpd

Sudo systemctl status httpd





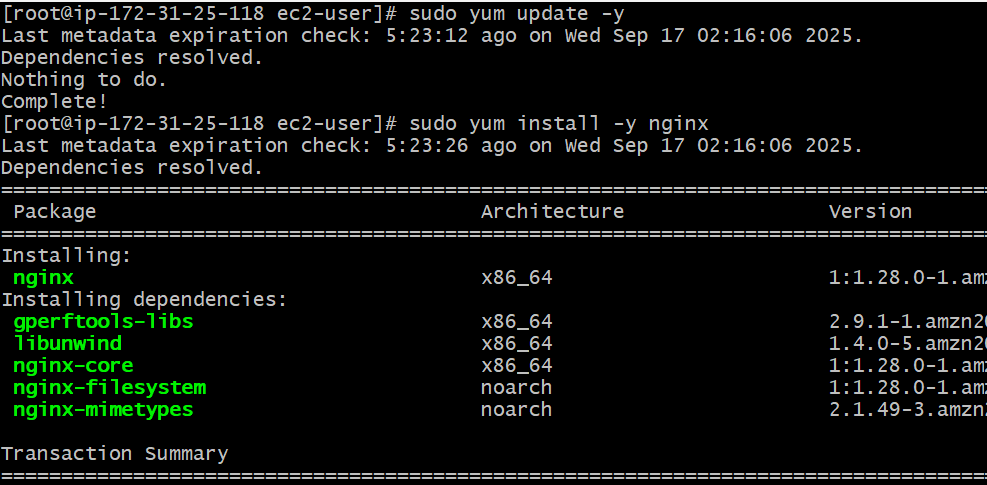
It works on port number 81.



4.Install **Nginx**

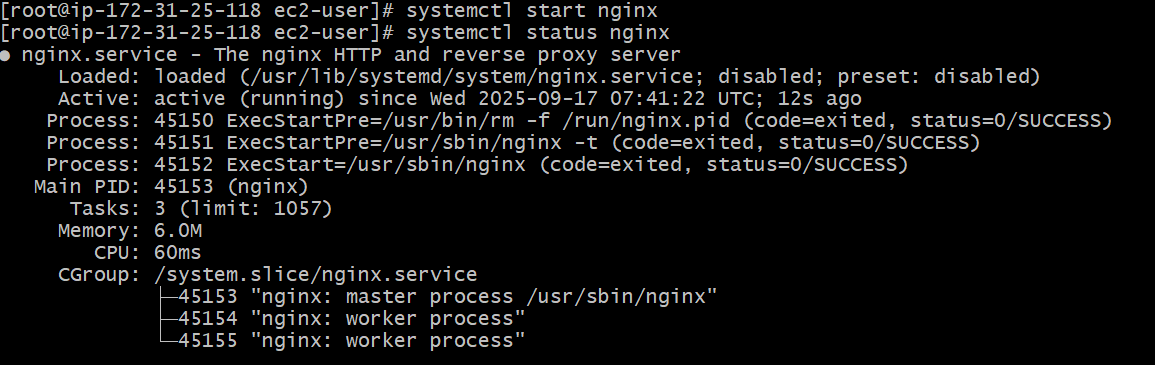
Yum update -y

Sudo yum install -y nginx

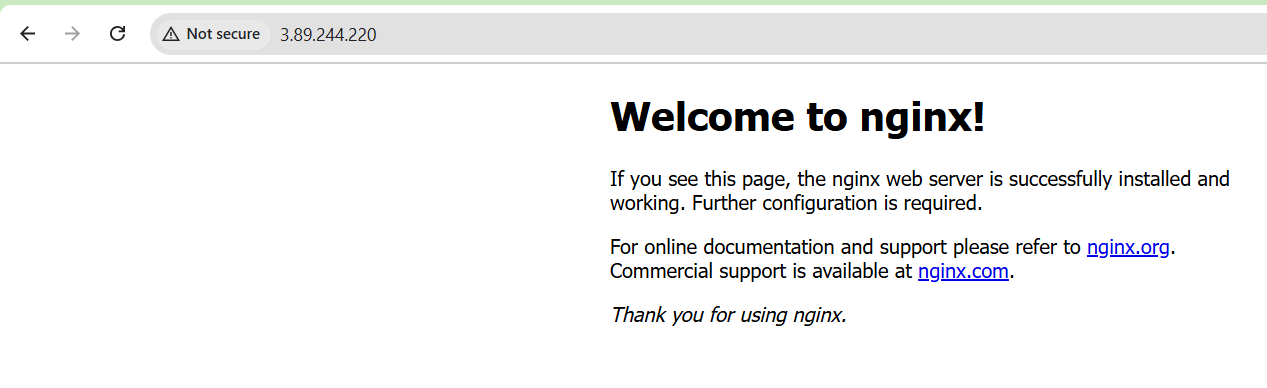


Sudo systemctl start nginx

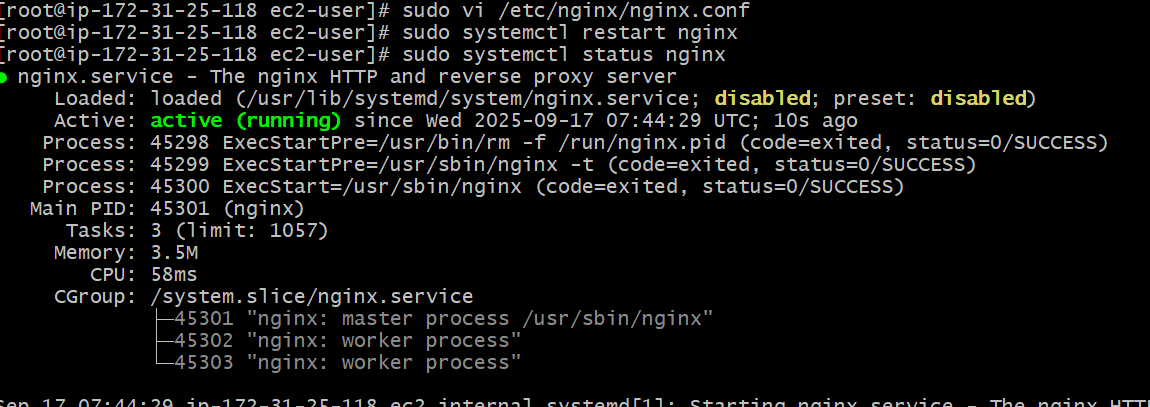
Sudo systemctl status nginx

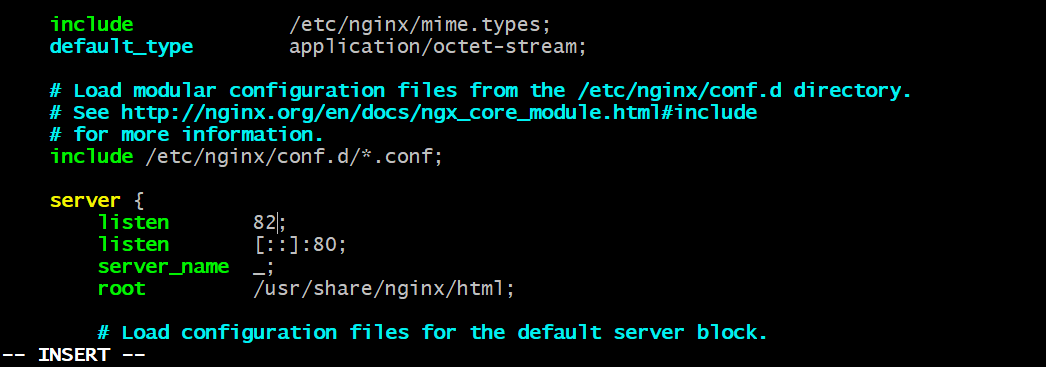


By default it runs on port no80

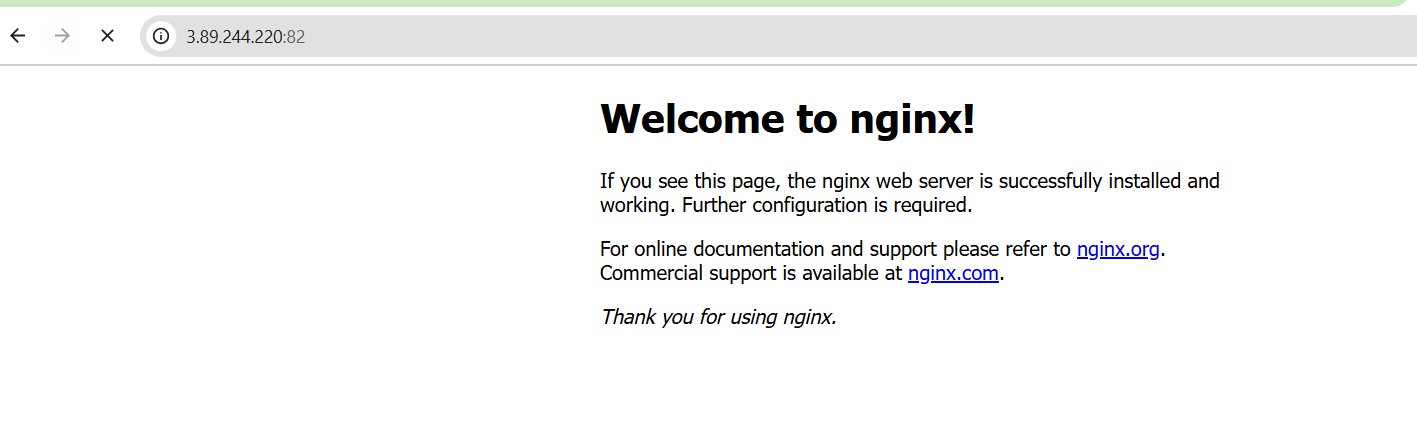


If we change to port number go to conf file and edit the port number.





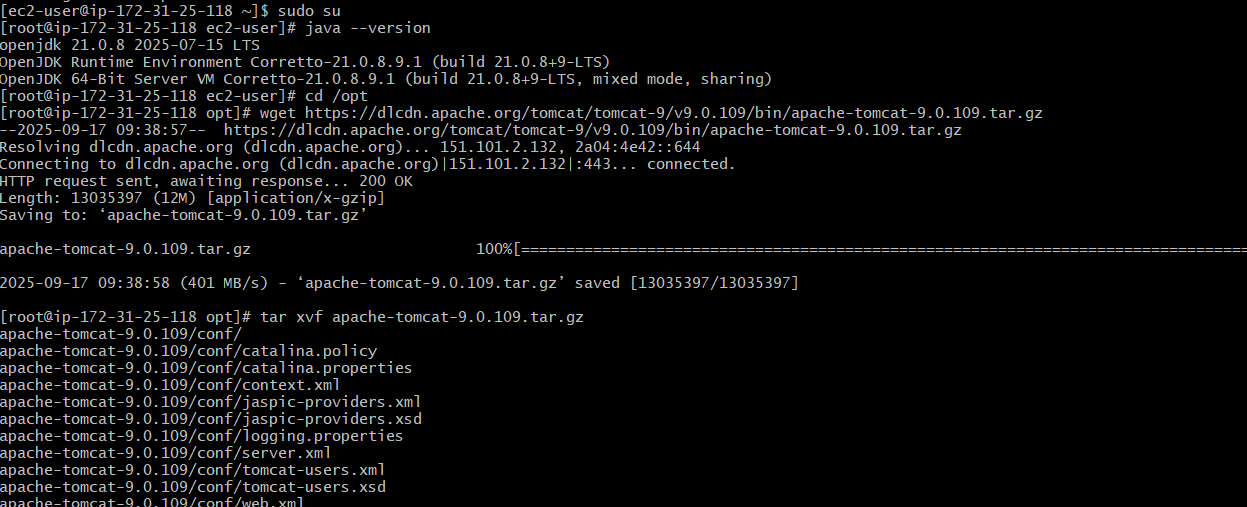
It works on port no 82.



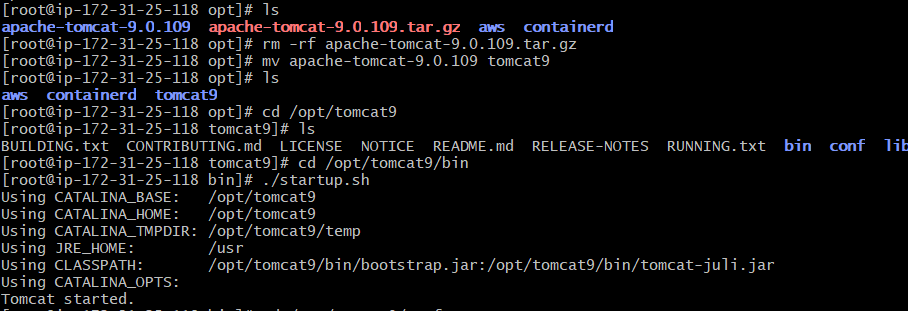
5. Install **Apache Tomcat**

Java –version

Go to google and find apache tomcat use wget to download and extract the file

****

Rename the name by using mv.

****

Go to conf and find server.xml .in server.xml we change the port number.

./startup.sh.

