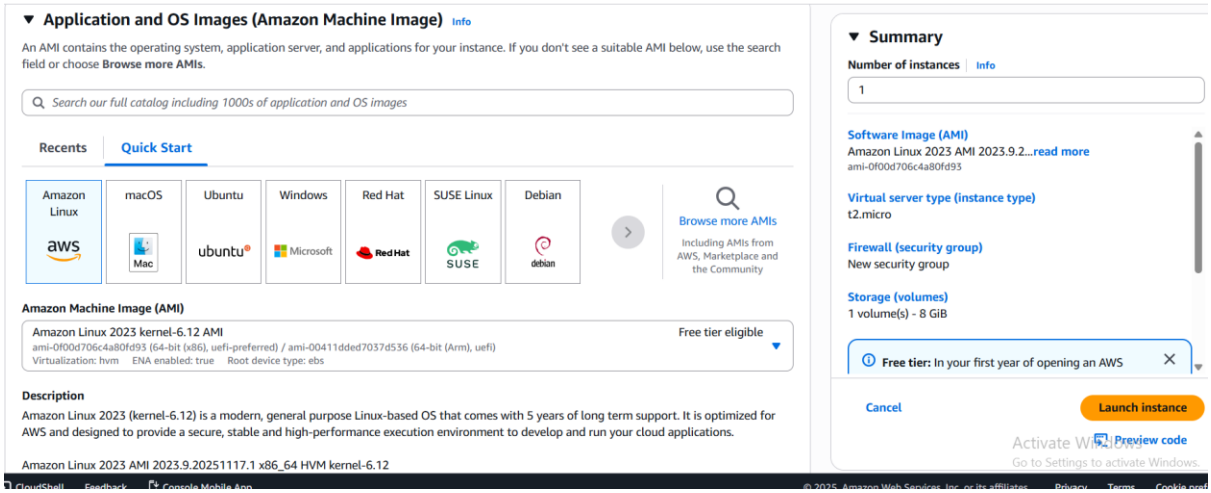
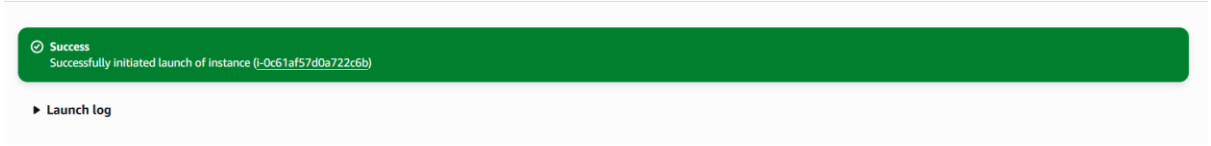
EC2 (Challenge)

1. Launching one EC2 instance using amzon linux 2.

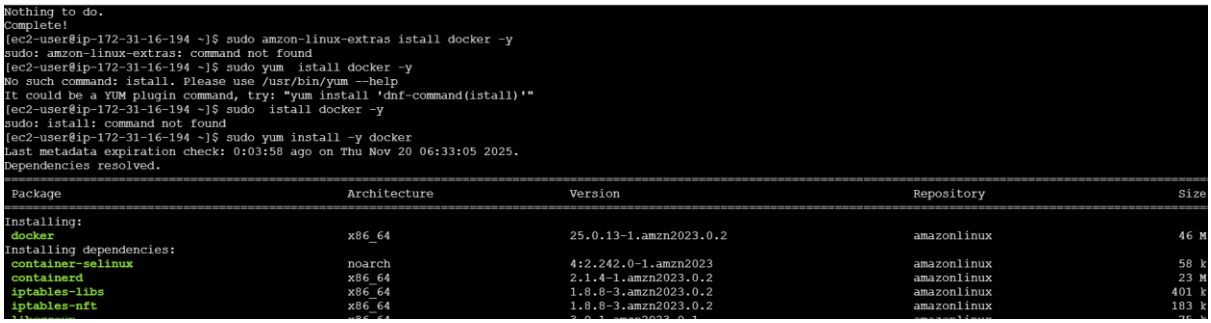
- Installed instance by simply clicking launch then used amazon and selected key pem which I have created already. And kept all things default.





2. Installing docker

- I have installed docker using command sudo yum install docker -y, then start the docker using sudo systemctl start docker, then checked the status sudo systemctl status docker.

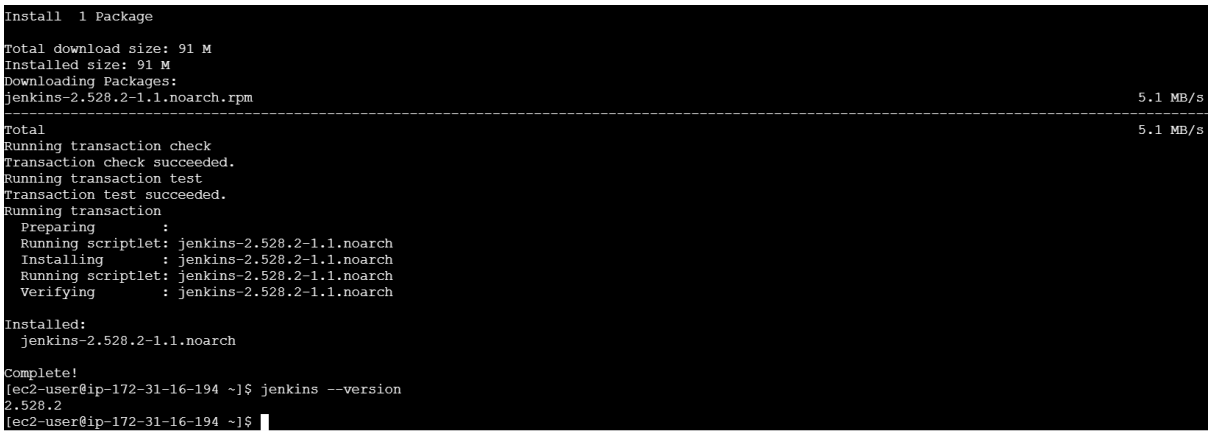


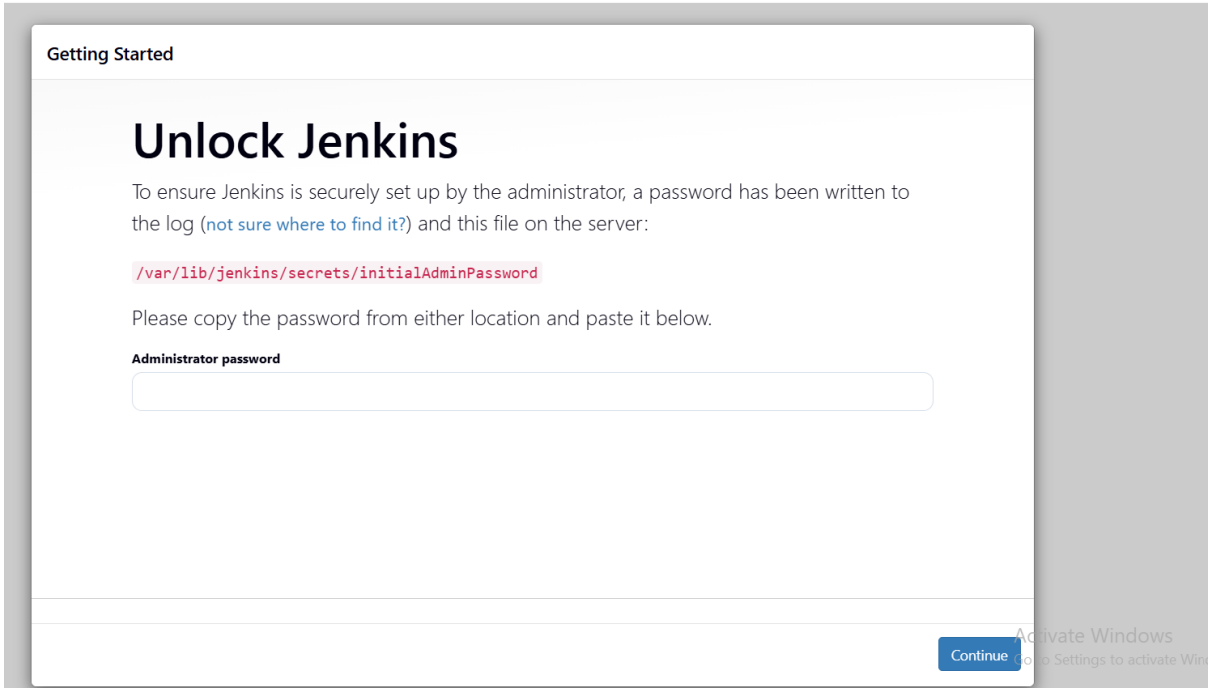
- **Checked the docker status its active**

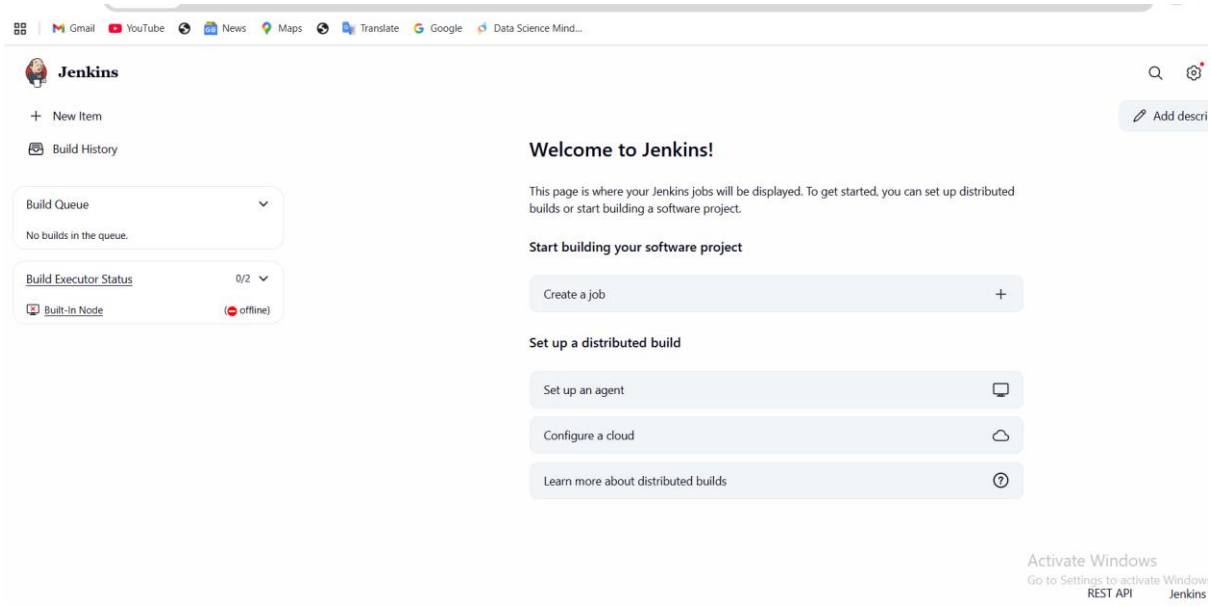
- In below image I have checked whether docker is running or not by printing sudo docker ps, then sudo docker hello-world. (hello world should be in small latters)

3. Jenkins installation.

- I have installed java for installing Jenkins then install jenkin packages and then jenkin installed.
- I have changed port number by following path /opt/lib/systemd/system/jenkin.xml

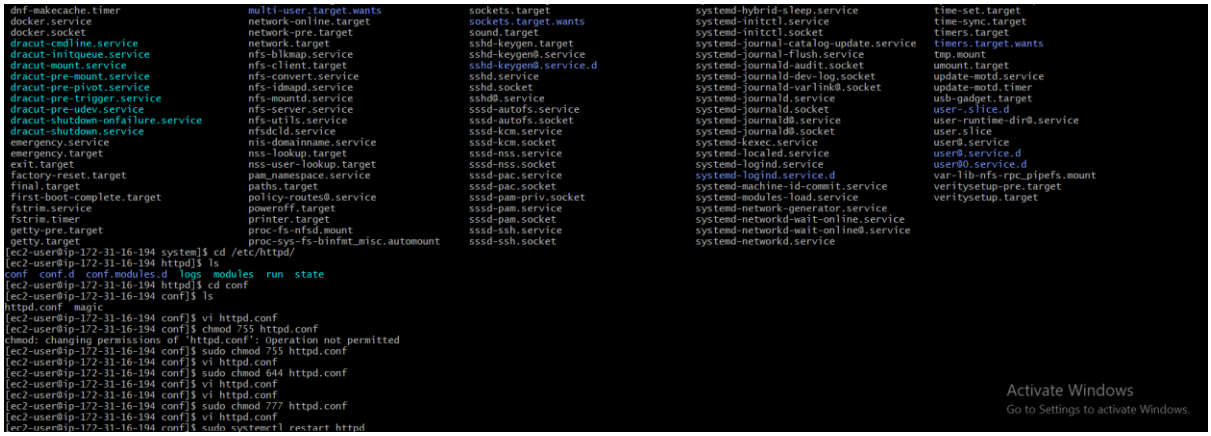






4. Installed apachee

- installed apachee bys using command sudo yum install httpd -y
- to change port number ‘vi /etc/httpd/conf/httpd.conf



It works!

5. Installed nginx

- I have installed nginx by using command sudo yum install nginx -y, then sudo systemctl nginx, then sudo systemctl status. And confiemed with browser. By pasting our instance public key.
- To change nginx tomcat number cd /etc/nginx/nginx.conf

Welcome to nginx!

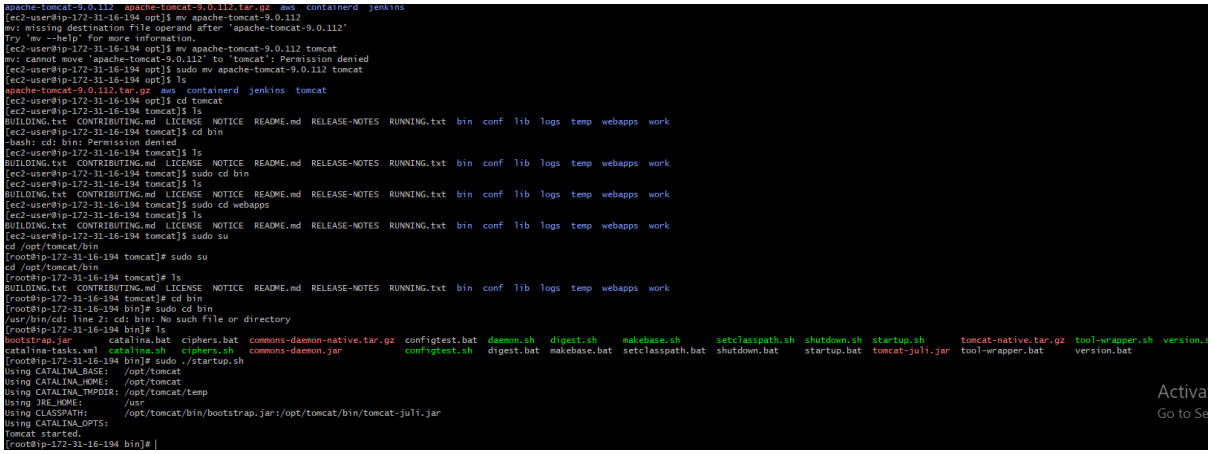
If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.

6. Installation of tomcat

- I have installed tomcat. I went to browser of tomcat and installed tar link and pasted in in ec2 terminal and untar the file and then went in the bin and start thr process and I have checked on browser it is opening now.



- To change tomcat port number we need to go following path ‘cd /opt/conf/server.xml