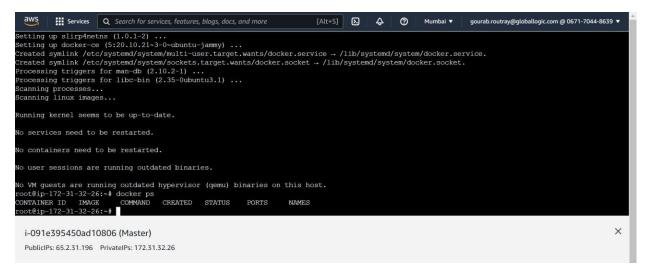
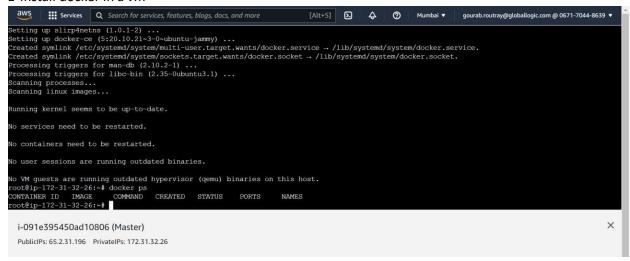
1-Spin up 2 ec-2 instances for setting up Jenkins server and setting up docker

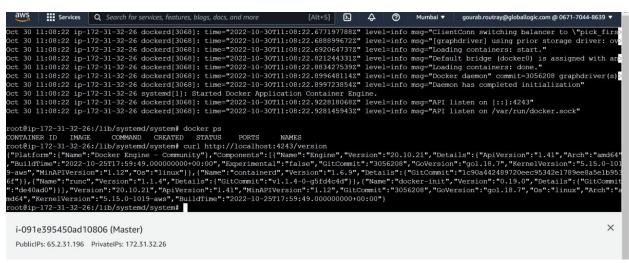


2-Install docker in a vm



3-- Log in to the server and open the docker service file /lib/systemd/system/docker.service. Search for ExecStart and replace that line with the following as mentioned in the attached screenshot

4- Reload the docker service after changes and test the API connection



4-Install Jenkins in another vm

```
Oct 30 11:08:22 ip-172-31-32-26 dockerd[3068]: time="2022-10-30711:08:22.692647372" level=info msg="Loading containers: start."
Oct 30 11:08:22 ip-172-31-32-26 dockerd[3068]: time="2022-10-30711:08:22.692647372" level=info msg="Loading containers: start."
Oct 30 11:08:22 ip-172-31-32-26 dockerd[3068]: time="2022-10-30711:08:22.8912443312" level=info msg="Loading containers: one."
Oct 30 11:08:22 ip-172-31-32-26 dockerd[3068]: time="2022-10-30711:08:22.8912443312" level=info msg="Default bridge (docker) is assigned with an oct 30 11:08:22 ip-172-31-32-26 dockerd[3068]: time="2022-10-30711:08:22.8996481142" level=info msg="Docker daemon" commit=3056208 graphdriver(s) oct 30 11:08:22 ip-172-31-32-26 dockerd[3068]: time="2022-10-30711:08:22.8997238542" level=info msg="Daemon has completed initialization" root@ip-172-31-32-26:/lib/systemd/system# systemctl daemon-reload root@ip-172-31-32-26:/lib/systemd/system# sudo service docker status

* docker.service - Docker Application Container Engine Loaded: loaded (/lib/systemd/system# sudo service; enabled; vendor preset: enabled)

Active: active (running) since Sun 2022-10-30 11:08:22 UTC; lmin 50s ago

TriggeredBy: * docker.socket

Docs: https://docs.docker.com

Main PTD: 3068 (dockerd)

Tasks: 8

Memory: 22.1M

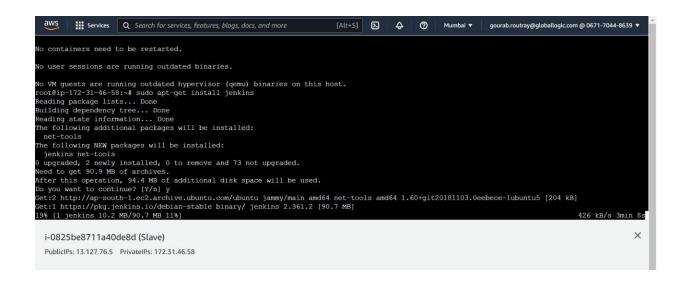
CFO: 274ms

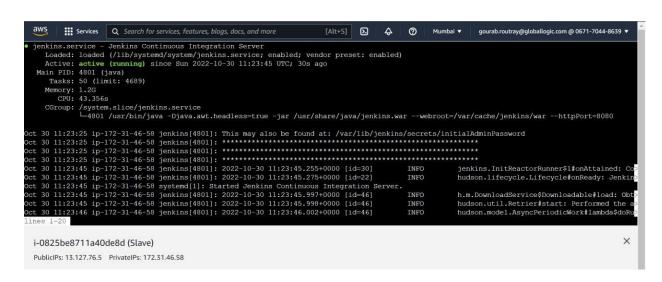
CGroup: /system.slice/docker.service

_3068 /usr/bin/dockerd - H tcp://0.0.0.0:4243 - H unix:///var/run/docker.sock

Oct 30 11:08:22 ip-172-31-32-26 dockerd[3068]: time="2022-10-30711:08:22.6771977882" level=info msg="ClientConn switching balancer to \"pick_fire" i-091e395450ad10806 (Master)

PublicIPs: 65.2.31.196 PrivateIPs: 172.31.32.26
```

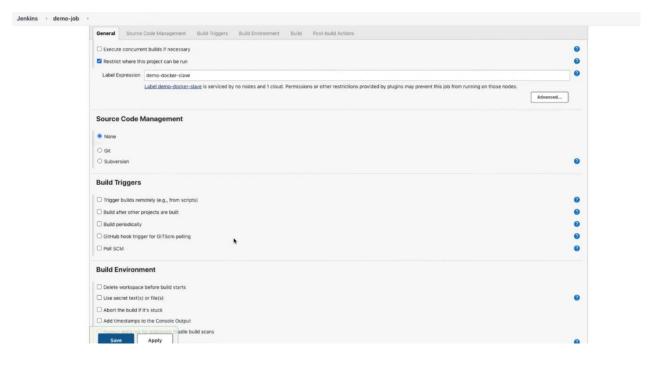


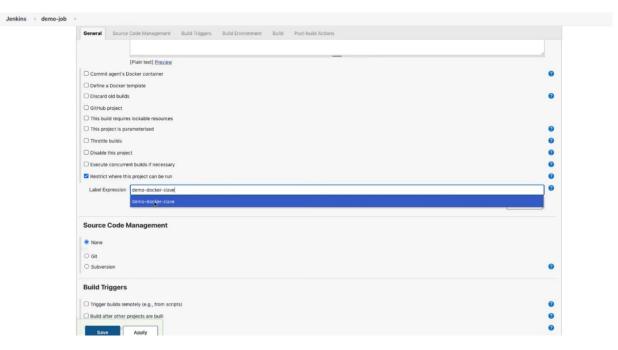


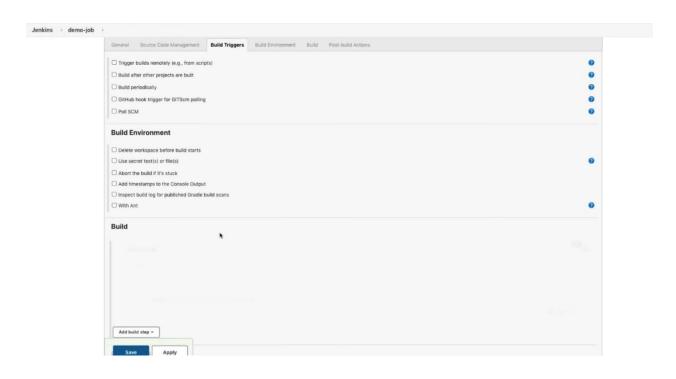
5-Configure the cloud and check for the connection with API

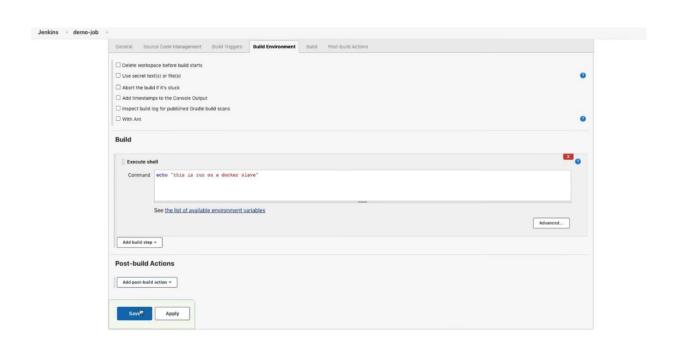


6-Configure the job









Build executed successfully

