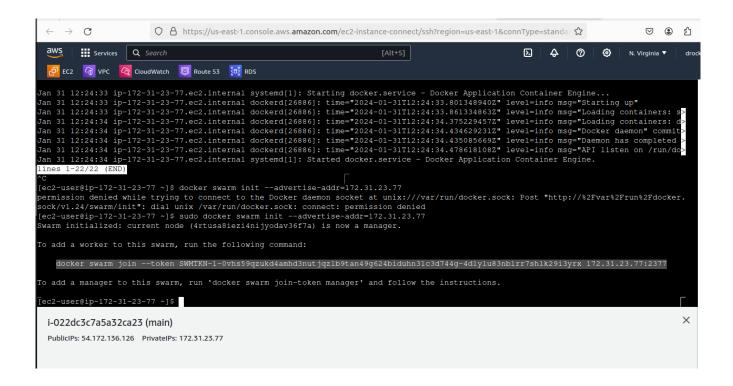
- 1. Create a Docker swarm cluster with 3 nodes
- 2. Deploy an Apache container with 4 replicas

ON MASTER:

Install docker sudo yum intall -y docker sudo systemctl enable docker sudo systemctl start docker sudo systemctl status docker docker swarm init –advertise-addr=172.31.23.77 (private ip)



sudo docker node ls

sudo docker service create --name apache --replicas 4 -p 80:80 httpd

sudo docker ps

```
[ec2-user@ip-172-31-23-77 ~]$ sudo docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
0232982ab131 httpd:latest "httpd-foreground" 6 minutes ago Up 6 minutes B0/tcp apache.1.wdns8v1rpd7kh81dsva1jo7cq
[ec2-user@ip-172-31-23-77 ~]$

i-022dc3c7a5a32ca23 (main)
PubliciPs: 54.172.136.126 PrivatelPs: 172.31.23.77
```

ON SLAVE: Install docker sudo yum intall -y docker sudo systemctl enable docker sudo systemctl start docker sudo systemctl status docker sudo docker swarm join --token SWMTKN-10vhs59qzukd4amhd3nutjqzlb9tan49g624biduhn31c3d744g-4d1ylu83nblrr7shlk29i3yrx 172.31.23.77:2377

SLAVE 1 sudo docker ps

•	COMMAND latest "httpd-foreground latest "httpd-foreground 3-31 ~]\$		STATUS Up 6 minutes Up 6 minutes	PORTS 80/tcp 80/tcp	NAMES apache.2.nohmroq1cw7ng60ik1dwwq0v2 apache.3.be6koaz39bd755i4poi1qw411	
i-095020cc44bc32bc4 (other1) PubliciPs: 54.152.139.84 PrivateiPs: 172.31.23.31						×

SLAVE 2

