DOCKER SWARM PRACTICAL

{P.S- ALWAYS FIRST CREATE SWARM AND CONNECT WITH OTHER CONTAINER THEN CREATE NETWORK}

FOR DOCKER-CONTAINER 1 WE WILL RUN BELOW COMMANDS

1 docker swarm init

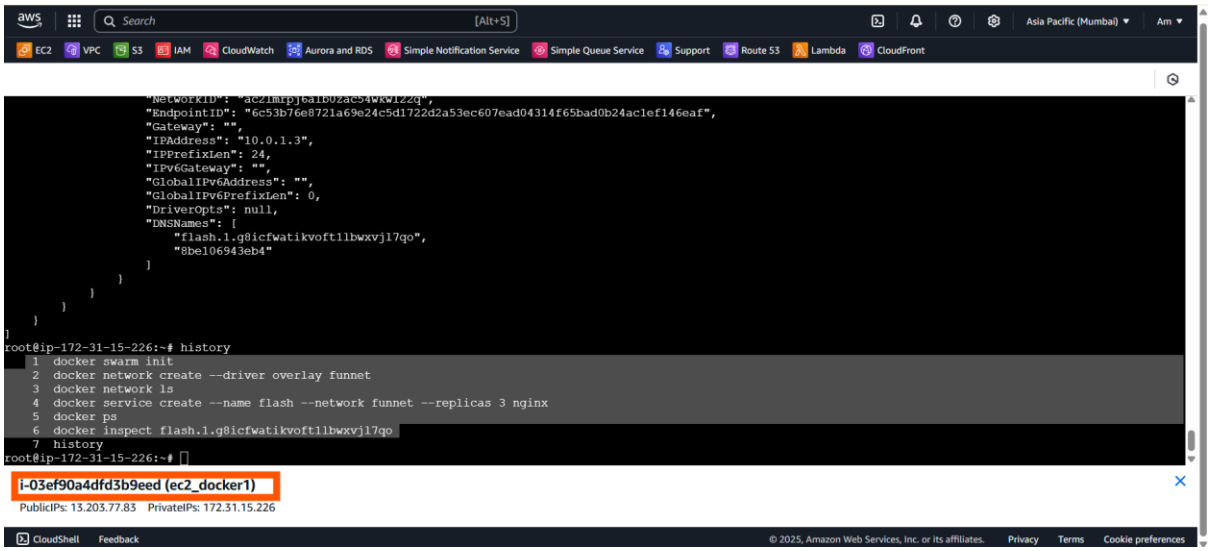
2 docker network create --driver overlay funnet

3 docker network ls

4 docker service create --name flash --network funnet --replicas 3 nginx

5 docker ps

6 docker inspect flash.1.g8icfwatikvoft1lbwxvjl7qo



FOR 2ND CONTAINER(EC2 INSTANCE)-

1 apt update

2 apt install iputils-ping

3 ping 10.0.1.3

4 history

root@ad835f6d522d:/# exit

exit

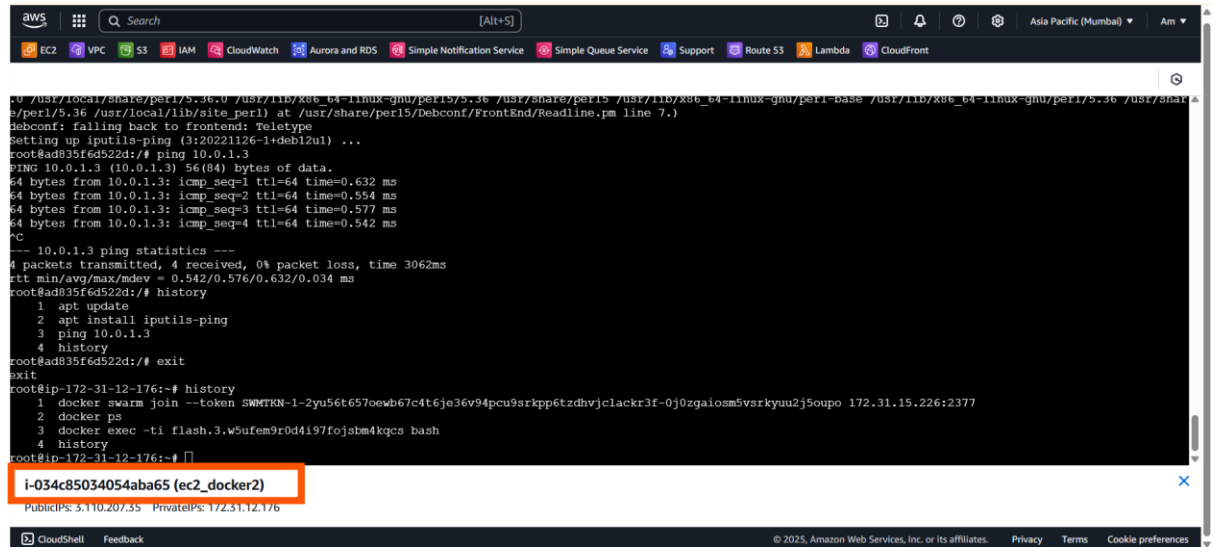
root@ip-172-31-12-176:~# history

1 docker swarm join --token SWMTKN-1-2yu56t657oewb67c4t6je36v94pcu9srkpp6tzdhvjc

lackr3f-0j0zgaiosm5vsrkyuu2j5oupo 172.31.15.226:2377

2 docker ps

3 docker exec -ti flash.3.w5ufem9r0d4i97fojsbm4kqcs bash



FOR CONNECTING INSTANCE TO INSTANCE(CONTAINER TO CONTAINER)-

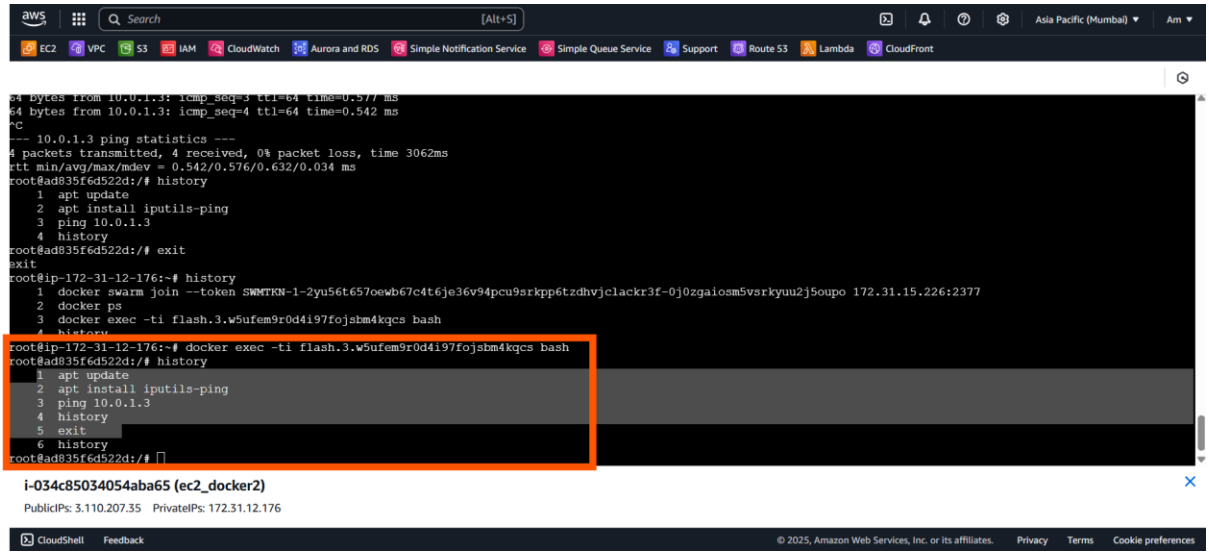
1 apt update

2 apt install iputils-ping

3 ping 10.0.1.3

4 history

5 exit


aws
Search
[Alt+S]
Asia Pacific (Mumbai)
EC2
VPC
S3
IAM
CloudWatch
Aurora and RDS
Simple Notification Service
Simple Queue Service
Support
Route 53
Lambda
CloudFront
64 bytes from 10.0.1.3: icmp_seq=3 ttl=64 time=0.577 ms
64 bytes from 10.0.1.3: icmp_seq=4 ttl=64 time=0.542 ms
^C
--- 10.0.1.3 ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3062ms
rtt min/avg/max/mdev = 0.542/0.576/0.632/0.034 ms
root@ad835f6d522d:/# history
1 apt update
2 apt install iputils-ping
3 ping 10.0.1.3
4 history
root@ad835f6d522d:/# exit
exit
root@ip-172-31-12-176:~# history
1 docker swarm join --token SWMTKN-1-2yu56t657oewb67c4t6je36v94pcu9srkpp6tzdhvjclackr3f-0j0zgaiosm5vsrkyuu2j5oupo 172.31.15.226:2377
2 docker ps
3 docker exec -ti flash.3.w5ufem9r0d4i97fojsbm4kqcs bash
4 history
root@ip-172-31-12-176:~# docker exec -ti flash.3.w5ufem9r0d4i97fojsbm4kqcs bash
root@ad835f6d522d:/# history
1 apt update
2 apt install iputils-ping
3 ping 10.0.1.3
4 history
5 exit
6 history
root@ad835f6d522d:/#
i-034c85034054aba65 (ec2_docker2)
PublicIPs: 3.110.207.35 PrivateIPs: 172.31.12.176
CloudShell
Feedback
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