

Module 7: Docker Ecosystem & Networking

Demo Document

edureka!

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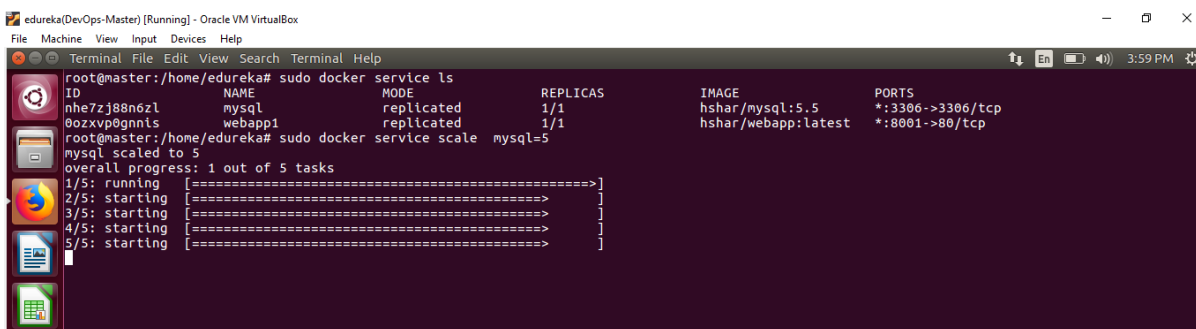
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Demo -4: Scaling of service over a swarm cluster :

In the last demo you had created the mysql and webapp service. So you can scale one of those services to see how scaling in swarm works.

Step 1: Check the services running with docker service ls command and then use the scale command to scale a service.

```
docker service ls
docker service scale mysql=5
```



```

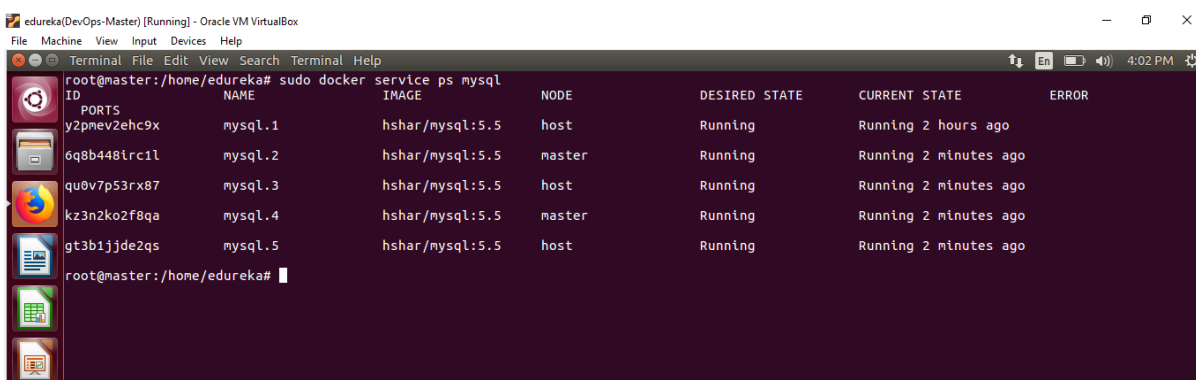
root@master:/home/edureka# sudo docker service ls
ID                NAME      MODE                REPLICAS            IMAGE              PORTS
nhe7zj88n6z1      mysql     replicated           1/1                  hshar/mysql:5.5   *:3306->3306/tcp
0ozxvp0gnnis      webapp1   replicated           1/1                  hshar/webapp:latest *:8001->80/tcp

root@master:/home/edureka# sudo docker service scale mysql=5
mysql scaled to 5
overall progress: 1 out of 5 tasks
1/5: running [=====>]
2/5: starting [=====>]
3/5: starting [=====>]
4/5: starting [=====>]
5/5: starting [=====>]

```

Step 2: Now you can see the no. of running replicas. To get the full information regarding the images running on cluster, use the below commands.

```
docker service ps mysql
```



```

root@master:/home/edureka# sudo docker service ps mysql
ID                NAME      IMAGE              NODE      DESIRED STATE   CURRENT STATE      ERROR
PORTS
y2pnev2ehc9x      mysql.1   hshar/mysql:5.5   host     Running          Running 2 hours ago
6q8b448irc1l      mysql.2   hshar/mysql:5.5   master   Running          Running 2 minutes ago
qu0v7p53rx87      mysql.3   hshar/mysql:5.5   host     Running          Running 2 minutes ago
kz3n2ko2f8qa      mysql.4   hshar/mysql:5.5   master   Running          Running 2 minutes ago
gt3b1jjde2qs      mysql.5   hshar/mysql:5.5   host     Running          Running 2 minutes ago
root@master:/home/edureka#

```