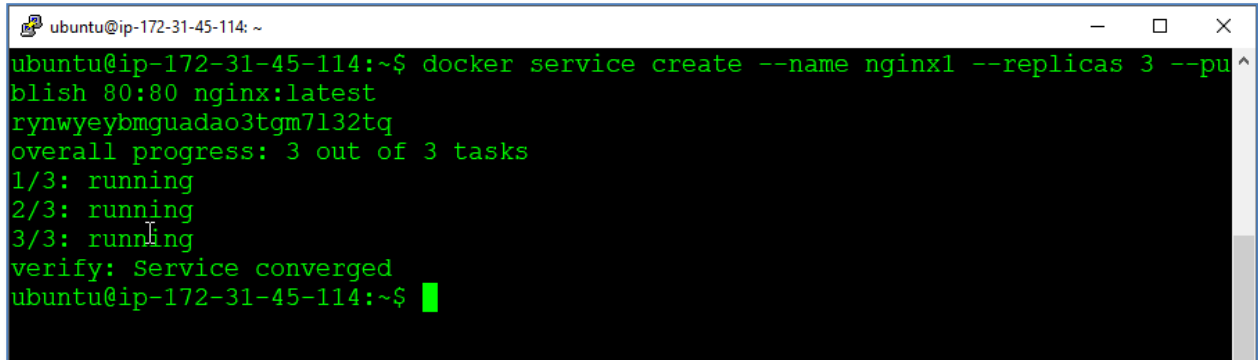


CREATING A SERVICE IN DOCKER SWARM

Step 1: Follow the below syntax, to create a service:

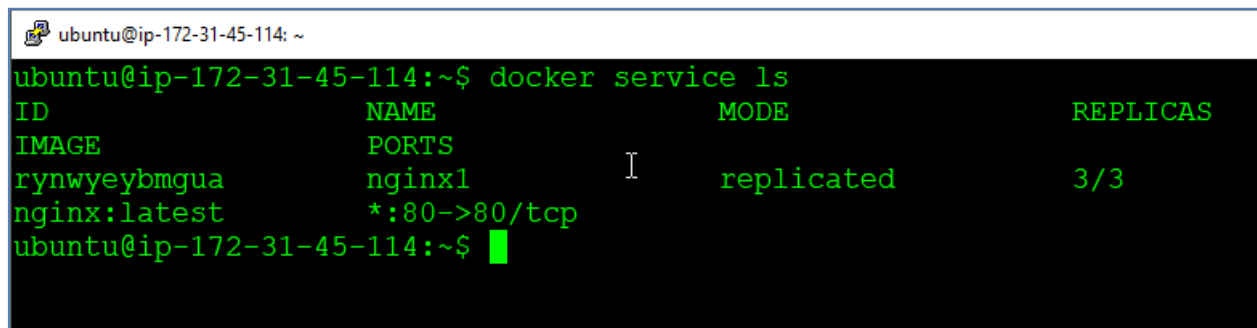
```
$ docker service create --name <name-of-service> --replicas <number-of-replicas> --publish <port-mapping> <image-name>
```



```
ubuntu@ip-172-31-45-114: ~  
ubuntu@ip-172-31-45-114:~$ docker service create --name nginx1 --replicas 3 --publish 80:80 nginx:latest  
rynwyeibmguaao3tgm7l32tq  
overall progress: 3 out of 3 tasks  
1/3: running  
2/3: running  
3/3: running  
verify: Service converged  
ubuntu@ip-172-31-45-114:~$
```

Step 2: To List the service(s), you have created. Use the following command:

```
$ docker service ls
```



```
ubuntu@ip-172-31-45-114: ~  
ubuntu@ip-172-31-45-114:~$ docker service ls  
ID                NAME                MODE                REPLICAS  
IMAGE            PORTS  
rynwyeibmgua    nginx1              replicated          3/3  
nginx:latest     *:80->80/tcp  
ubuntu@ip-172-31-45-114:~$
```

Step 3: To delete the service(s), you have created. Use the following command:

```
$ docker service rm <service-name>
```

```
ubuntu@ip-172-31-45-114: ~  
ubuntu@ip-172-31-45-114:~$ docker service rm nginx1  
nginx1
```

