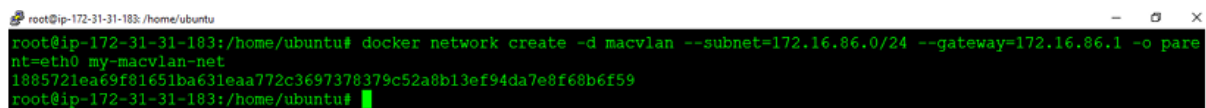# Macvlan Network

1. This command is used to create an macvlan network. Here eth0 is assumed to be the Ethernet interface
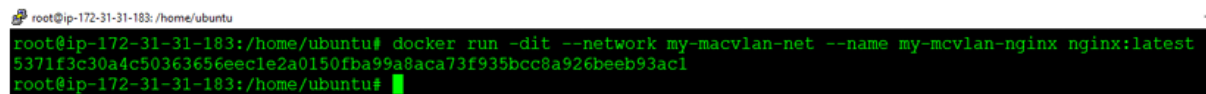
docker network create --driver macvlan --subnet = --gateway= -o parent=eth0 my-macvlan-net

```
root@ip-172-31-31-183: /home/ubuntu                                    –  □  ×
root@ip-172-31-31-183:/home/ubuntu# docker network create -d macvlan --subnet=172.16.86.0/24 --gateway=172.16.86.1 -o pare
nt=eth0 my-macvlan-net
1885721ea69f81651ba631eaa772c3697378379c52a8b13ef94da7e8f68b6f59
root@ip-172-31-31-183:/home/ubuntu#
```

2. This command is used to create a container and attach the macvlan network to it.

docker run -dit --network <network_name> <image>

```
root@ip-172-31-31-183: /home/ubuntu
root@ip-172-31-31-183:/home/ubuntu# docker run -dit --network my-macvlan-net --name my-mcvlan-nginx nginx:latest
5371f3c30a4c50363656eec1e2a0150fba99a8aca73f935bcc8a926beeb93ac1
root@ip-172-31-31-183:/home/ubuntu#
```

3. This command can be used to remove the container.

docker rm --f <container-name>

4. This command can be used to remove the network.

docker network rm <network-name>