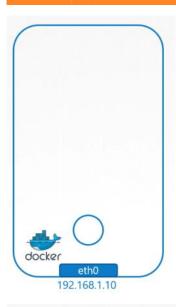
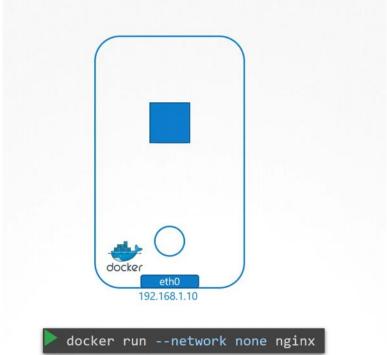
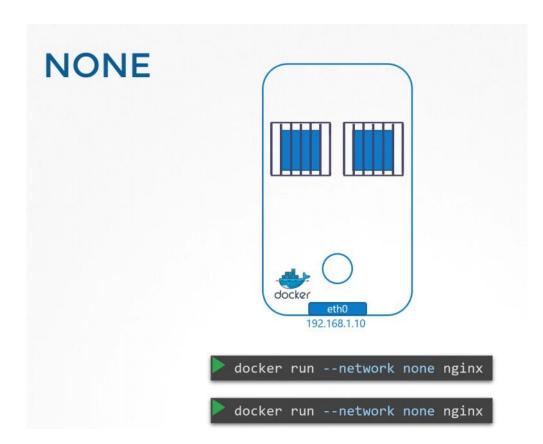
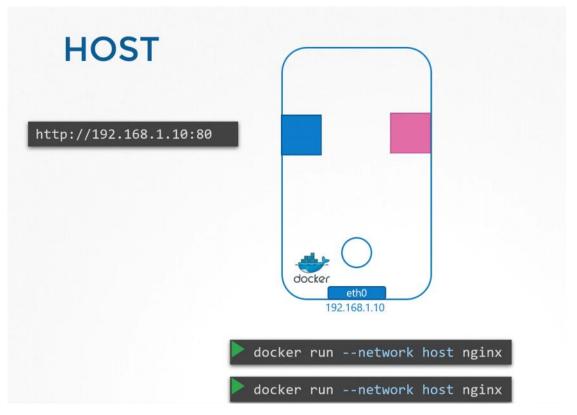
# PRE-REQUISITE DOCKER **NETWORKING**

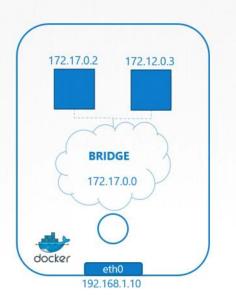








## BRIDGE



docker run nginx

docker run nginx

### BRIDGE

#### docker network ls

NETWORK ID DRIVER SCOPE local 2b60087261b2 bridge bridge 0beb4870b093 host host local 99035e02694f null local none

#### ip link

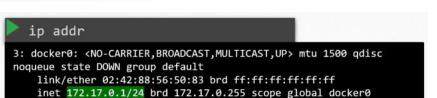
1: lo: <LOOPBACK,UP,LOWER\_UP> mtu 65536 qdisc noqueue state UNKNOWN mode DEFAULT group default qlen 1000

link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00

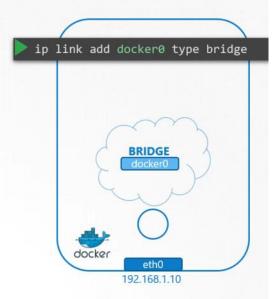
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER\_UP> mtu 1500 qdisc fq\_codel state UP mode DEFAULT group default qlen 1000 link/ether 02:42:ac:11:00:08 brd ff:ff:ff:ff:ff

3: docker0: <NO-CARRIER, BROADCAST, MULTICAST, UP> mtu 1500 qdisc

noqueue state DOWN mode DEFAULT group default link/ether 02:42:88:56:50:83 brd ff:ff:ff:ff:ff



valid\_lft forever preferred\_lft forever



# BRIDGE ip addr

3: docker0: <NO-CARRIER, BROADCAST, MULTICAST, UP> mtu 1500 qdisc noqueue state DOWN group default link/ether 02:42:88:56:50:83 brd ff:ff:ff:ff:ff inet 172.17.0.1/24 brd 172.17.0.255 scope global docker0 valid\_lft forever preferred\_lft forever

ip netns

b3165c10a92b

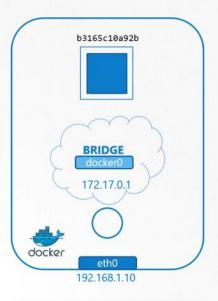
#### docker inspect 942d70e585b2

"NetworkSettings": {

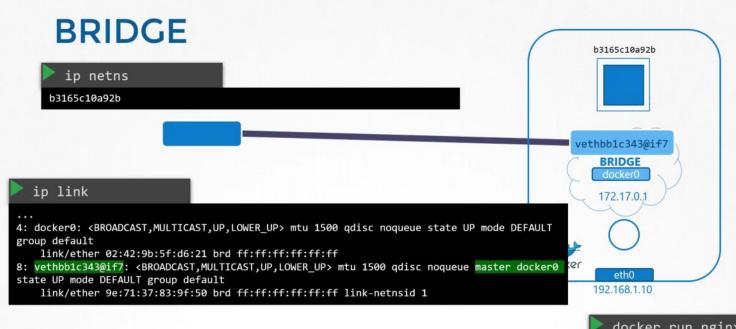
"Bridge": "",

"SandboxID": "b3165c10a92b50edce4c8aa5f37273e180907ded31",

"SandboxKey": "/var/run/docker/netns/b3165c10a92b",

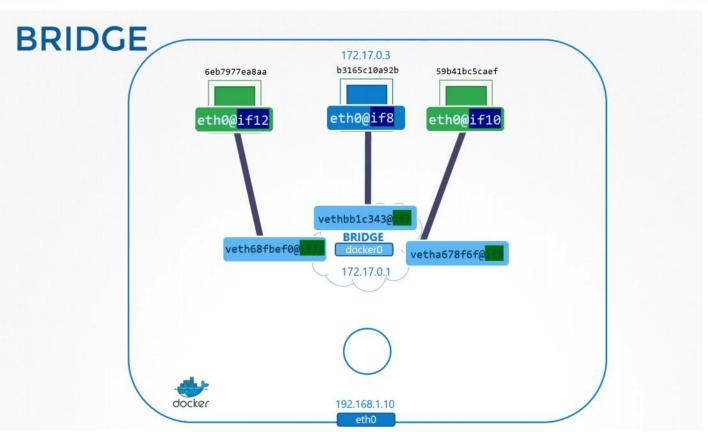


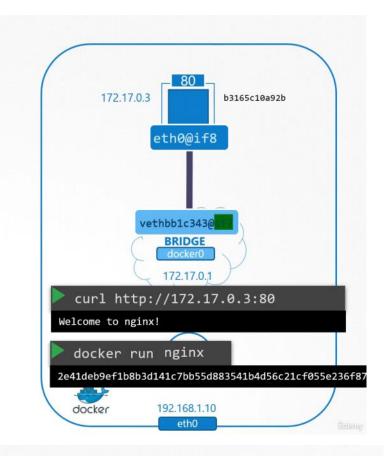
docker run nginx 2e41deb9ef1b8b3d141c7bb55d883541b4



docker run nginx 2e41deb9ef1b8b3d141c7bb55







curl http://172.17.0.3:80 curl: (7) Failed to connect... No route to host

docker run -p 8080:80 nginx

2e41deb9ef1b8b3d141c7bb55d883541b4d56c21cf055e236f870bd0f274e52b

