**Networking using the host network**

**Docker containers binds to different networks.**

**This tutorial is to network standalone containers which bind directly to the Docker host’s network.**

1.

Host networking driver - only available in linux

2.

Start a nginx container which binds directly to the port 80 on the docker host.

3.

So the port 80 should be available

4.

Start the nginx container

docker run --rm -d --network host --name my\_nginx nginx

--rm

Remove the container once it is stopped or exit

-d

Run the container from the background

5.

Examine all network interfaces to verify that no new one is created

ip addr show

docker0 interface is there

6.

Verify which process is bound to port 80

apt-get install net-tools

sudo netstat -tulpn | grep :80

apt-get install net-tools

7.

Stop the container

docker container stop my\_nginx

Container will be automatically removed because it was started using the --rm flag