

Lab - Docker networking

03:29 PM

docker network ls

What all container inside network or more details inside it

Docker network inspect bridge --> default network

Get the IP address of the container

\$ docker inspect mynginx | grep IPAddress

output --> "IPAddress": "172.17.0.2",

We will go inside one container and hit for other container,

We will be able to get connect or they get connected

--> wget 172.17.0.2:80

C1,c2,c3 -->

Create User Defined Bridge Network

- Docker network create thbs-net
- Docker run -d --name netc1 --net thbs-net -p 8081:80 nginx

Start a busybox container so that we can test out the network\$

docker run --net thbs-net -it busybox sh # directly going inside container

To test container in same custom network able to talk to each by

Host name or ip of container

- Wget **netc1**
- For containers to communicate with other, they need to be part of the same **"network"**.
- Docker creates a virtual network called **bridge** by default, and connects your containers to it.
- In the network, containers are assigned an IP address, which they can use to address each other.
- If you want more control (and you definitely do), you can create a user-defined bridge, which will give you the added benefit of hostnames for your containers too.

Docker system prune --
Going to remove all unused
Images, container, network etc.

<https://docs.docker.com/compose/networking/>