docker swarm init **\** --advertise-addr 10.0.0.1:2377 **\** --listen-addr 10.0.0.1:2377

docker node ls   
docker swarm join-token worker   
docker swarm join-token manager

*Swarm initialized: current node (h8w5lcycheahquc1kweyuy4c6) is now a manager.*

*To add a worker to this swarm, run the following command:*

*docker swarm join --token SWMTKN-1-61gufp06q6283zzzn6ti3t8s3dod5fuwauo62imouomyxdufxa-57e9nzn37zadhdhqun3n15grk 10.0.0.1:2377*

*To add a manager to this swarm, run 'docker swarm join-token manager' and follow the instructions.*

docker swarm join --token SWMTKN-1-61gufp06q6283zzzn6ti3t8s3dod5fuwauo62imouomyxdufxa-57e9nzn37zadhdhqun3n15grk 192.168.1.25:2377

*This node joined a swarm as a worker.*

docker node ls

docker service create --name web-fe **\** -p 8080:8080 **\**

--replicas 3 **\** nginx

docker service ls

docker service ps

docker service inspect --pretty web-fe

docker service scale web-fe=10

docker service ps web-fe

docker service scale web-fe=5

docker service rm web-fe

docker network create -d overlay nhoverlaynetwork

docker network ls

docker service create --name nh-svc **\** --network nhoverlaynetwork **\**

-p 80:80 --replicas 4 **\** nigelpoulton/tu-demo:v1

docker service ps nh-svc

docker service create --name nh-svc \ --network nhoverlaynetwork \

--publish published=80,target=80,mode=host \ --replicas 3 \

nigelpoulton/tu-demo:v1

docker service update **\**

--image nigelpoulton/tu-demo:v2 **\** --update-parallelism 2 **\** --update-delay 20s nh-svc