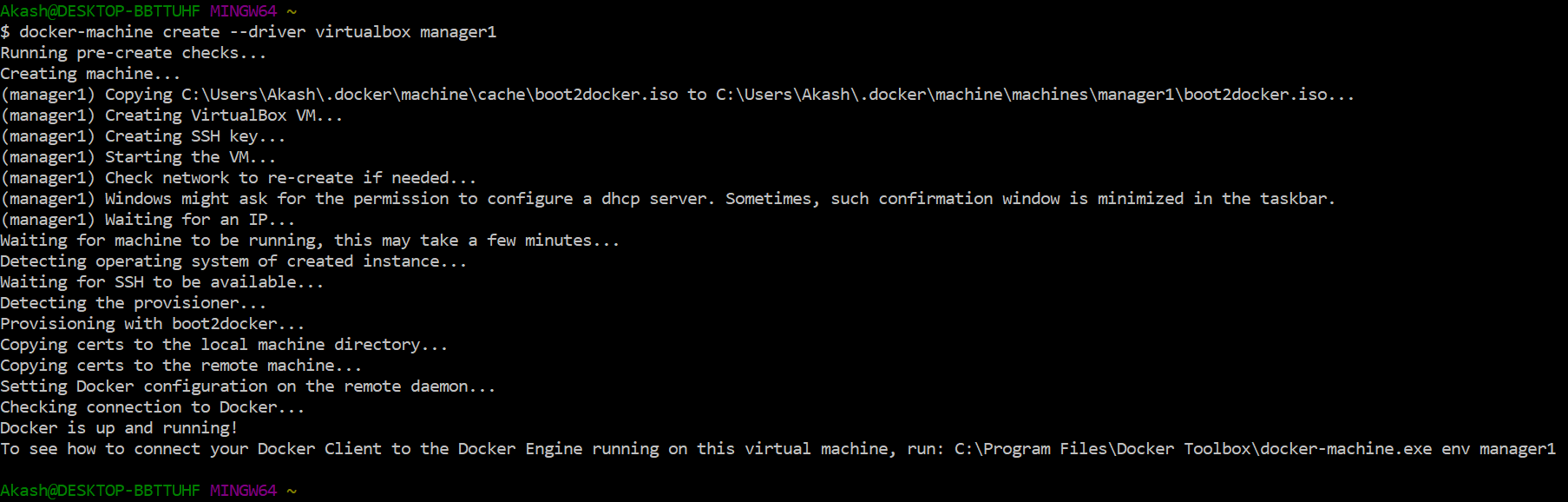
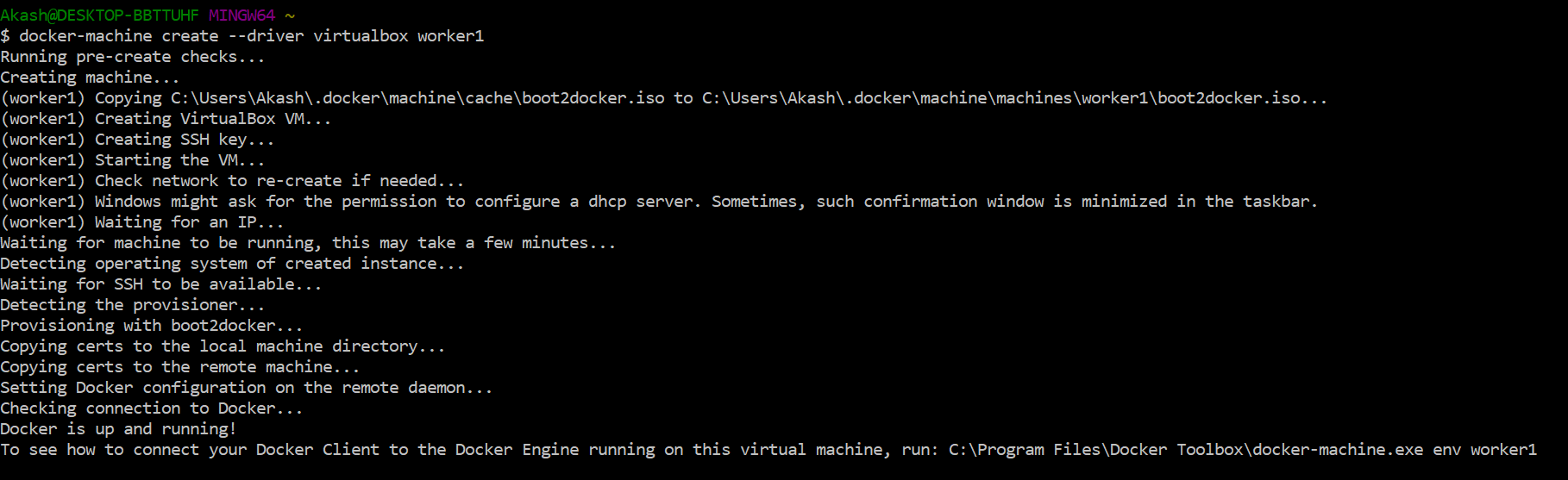
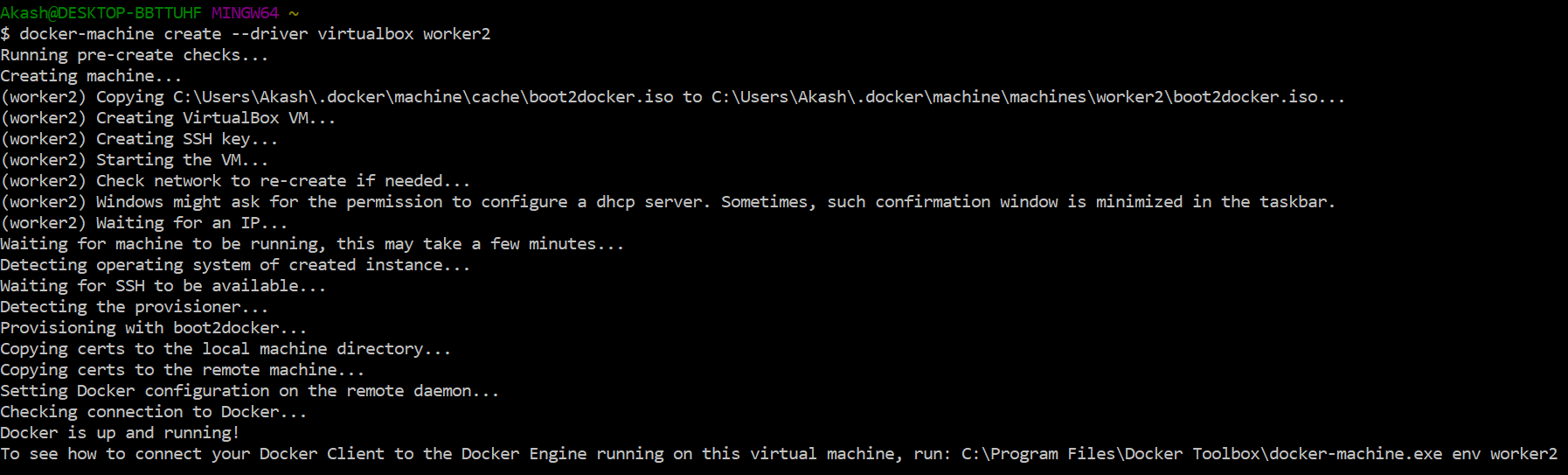
docker-machine create --driver virtualbox manager1 

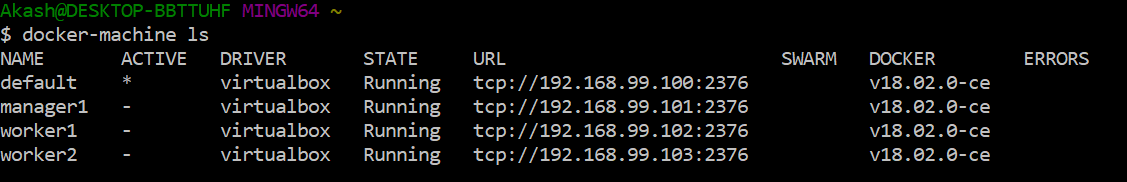
docker-machine create --driver virtualbox worker1



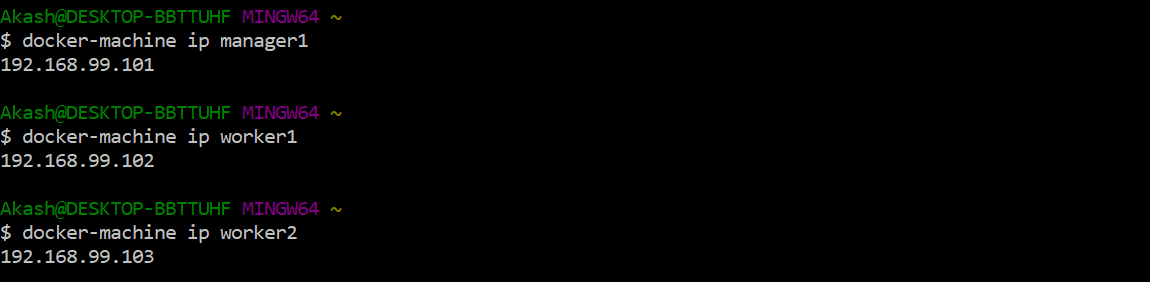
docker-machine create --driver virtualbox worker2



docker-machine ls //to list of docker machines



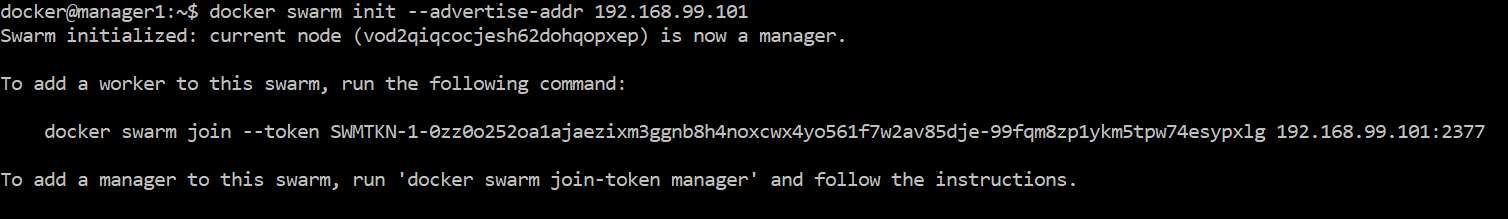
Ip’s of docker machines



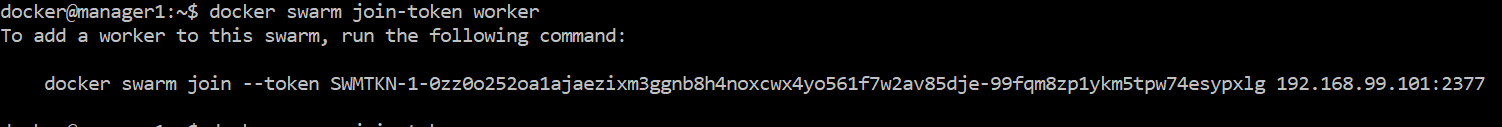
docker-machine ssh manager1



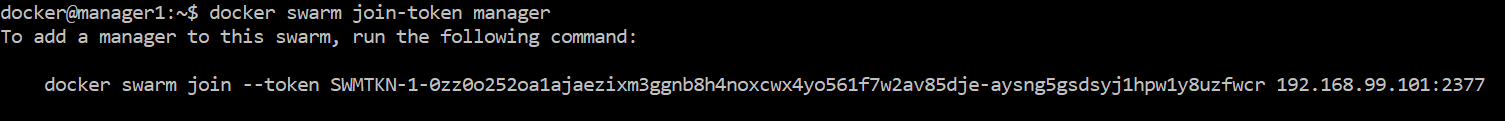
docker swarm init --advertise-addr MANAGER\_IP



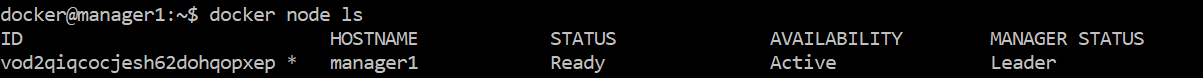
docker swarm join-token worker



docker swarm join-token manager

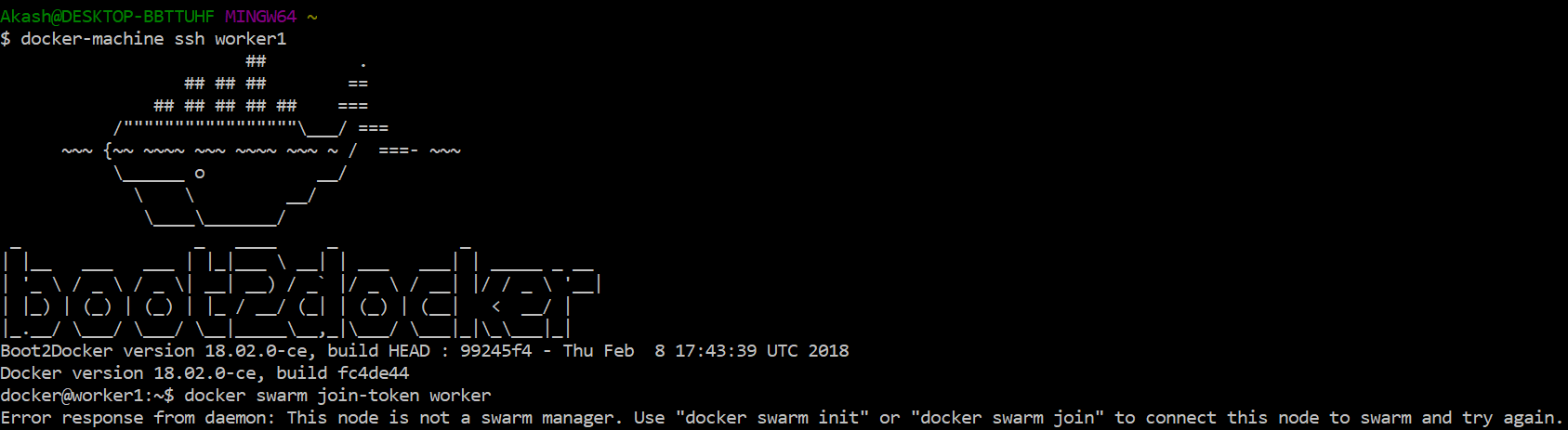


docker node ls

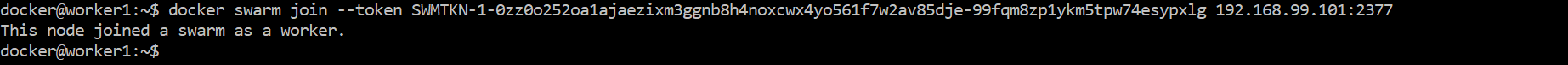


**Open a new docker terminal**

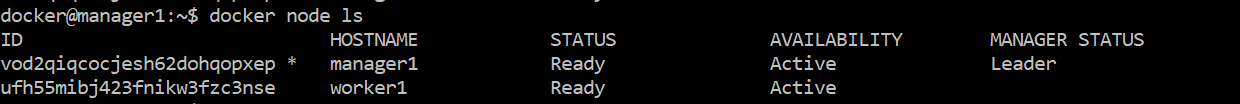
docker-machine ssh worker1



Join worker1 to the swarm



docker node ls //on the manager1

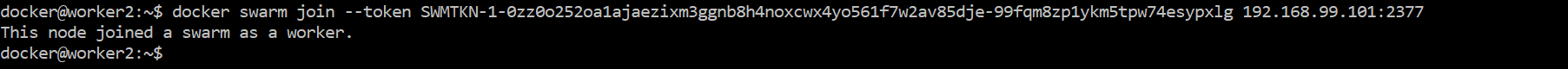


**Open a new docker terminal**

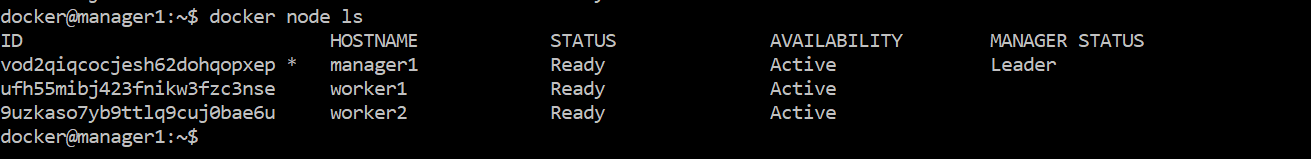
docker-machine ssh worker2



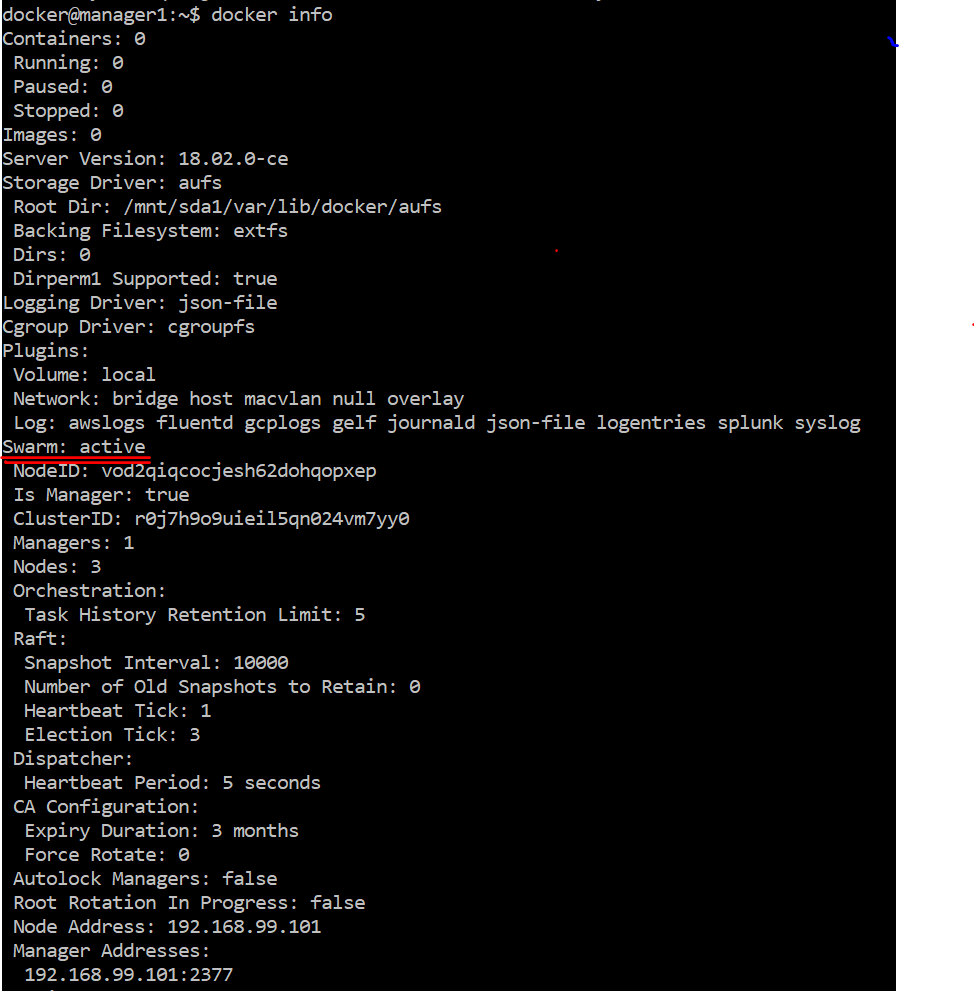
Join worker2 to the swarm



docker node ls //on the manager1

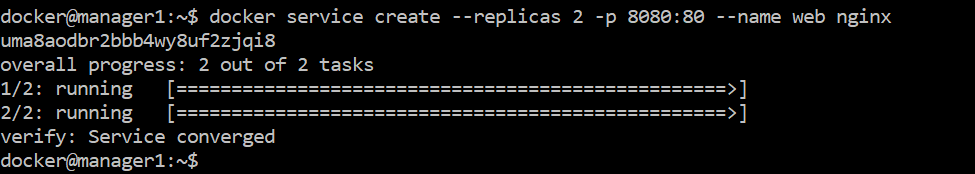


docker info //on the manager1 and zoom into the swarm section

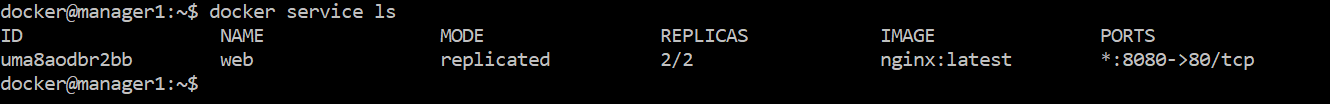


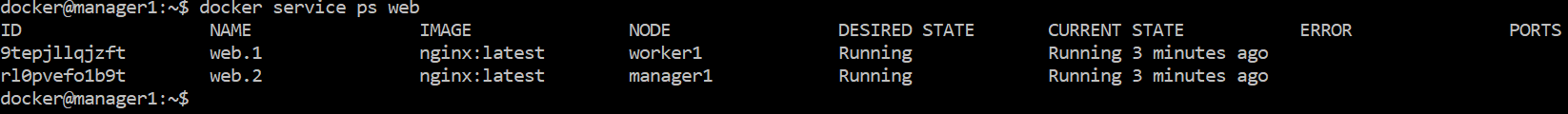
**Create a Service**

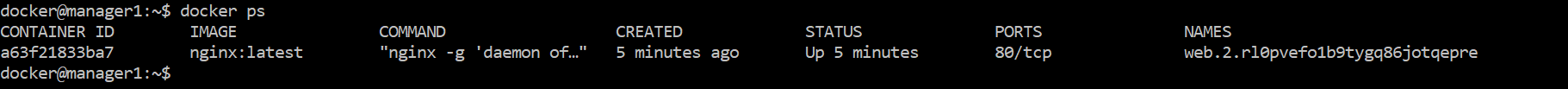
Creating 2 replicas



Status of service



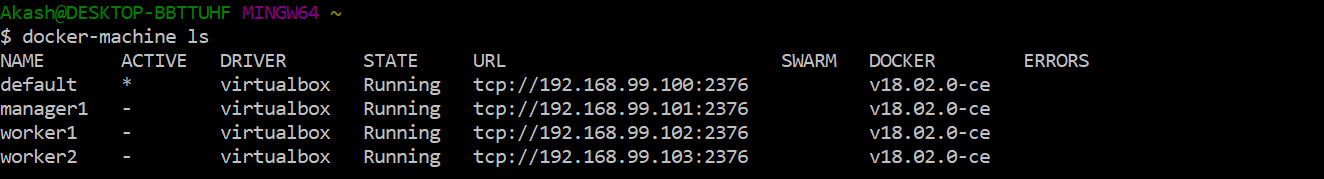


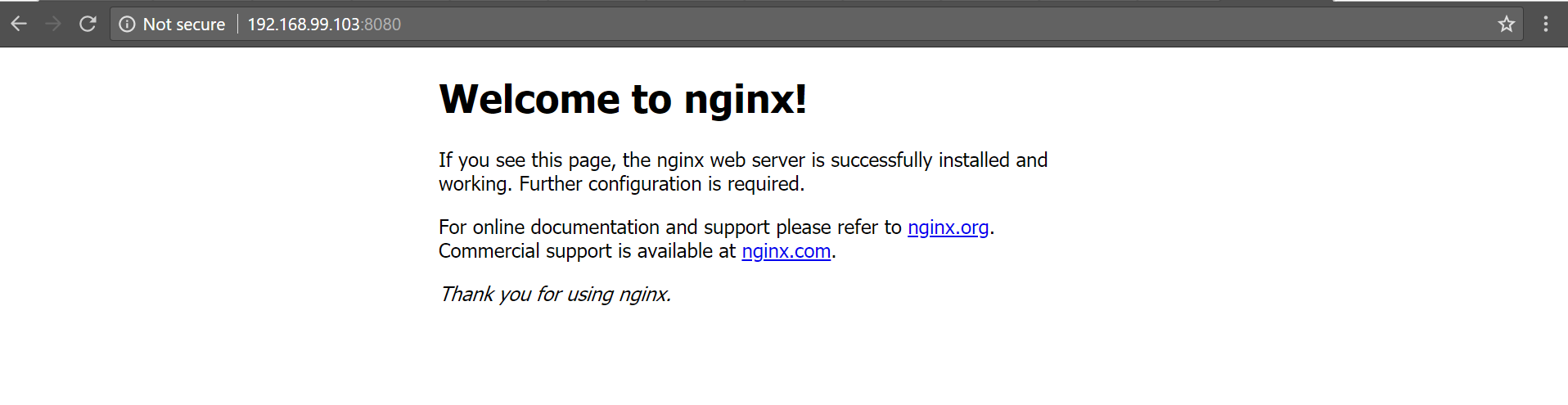


**Accessing the Service**

http://<any machine ip>:8080

list of docker machines and their ip’s //on new docker terminal



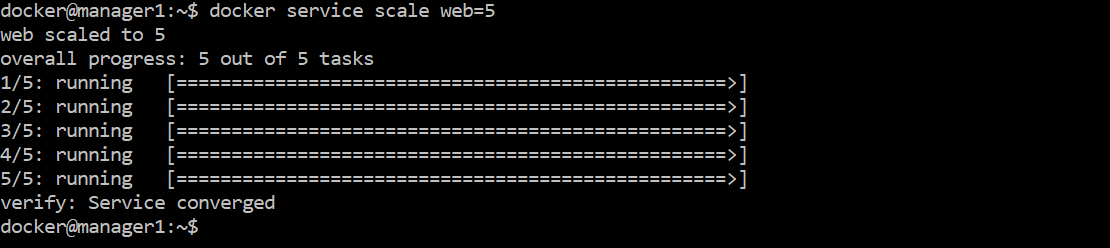




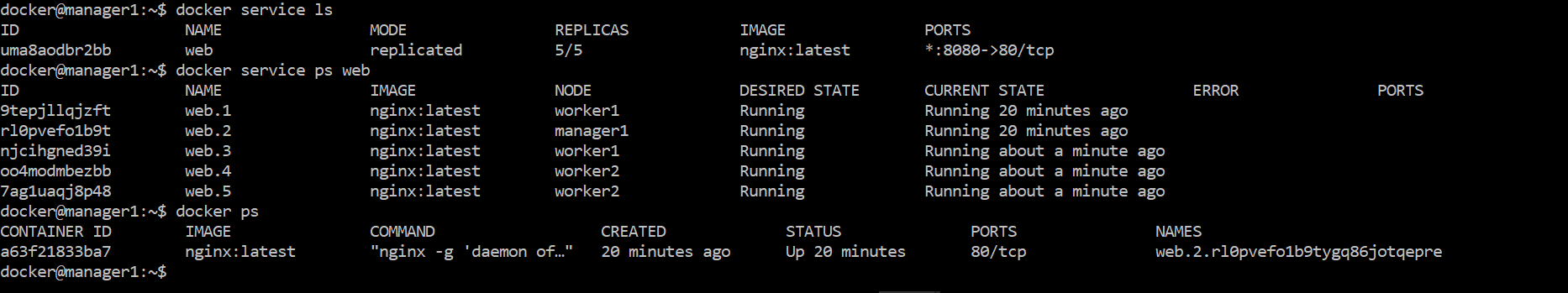


**Scaling up and Scaling down**

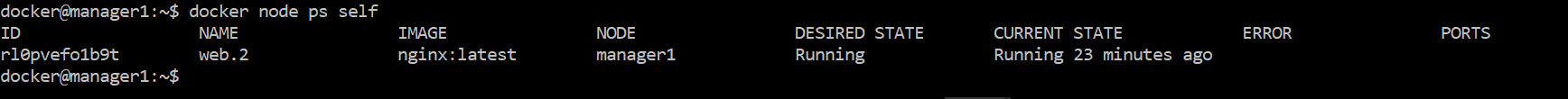
Scaling up to 5 replicas from 2 replicas



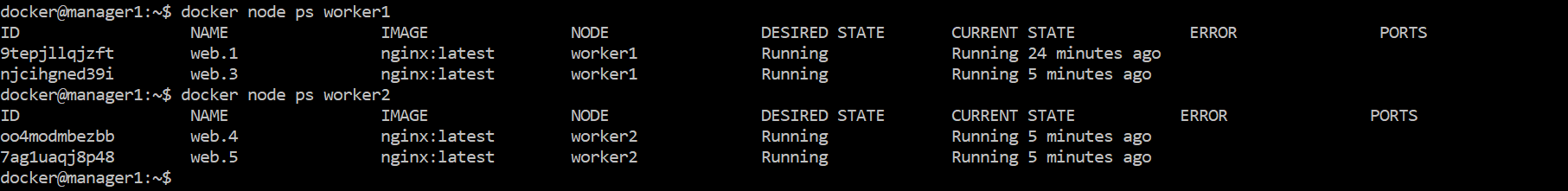
Checking status of service



Checking tasks running on manager1

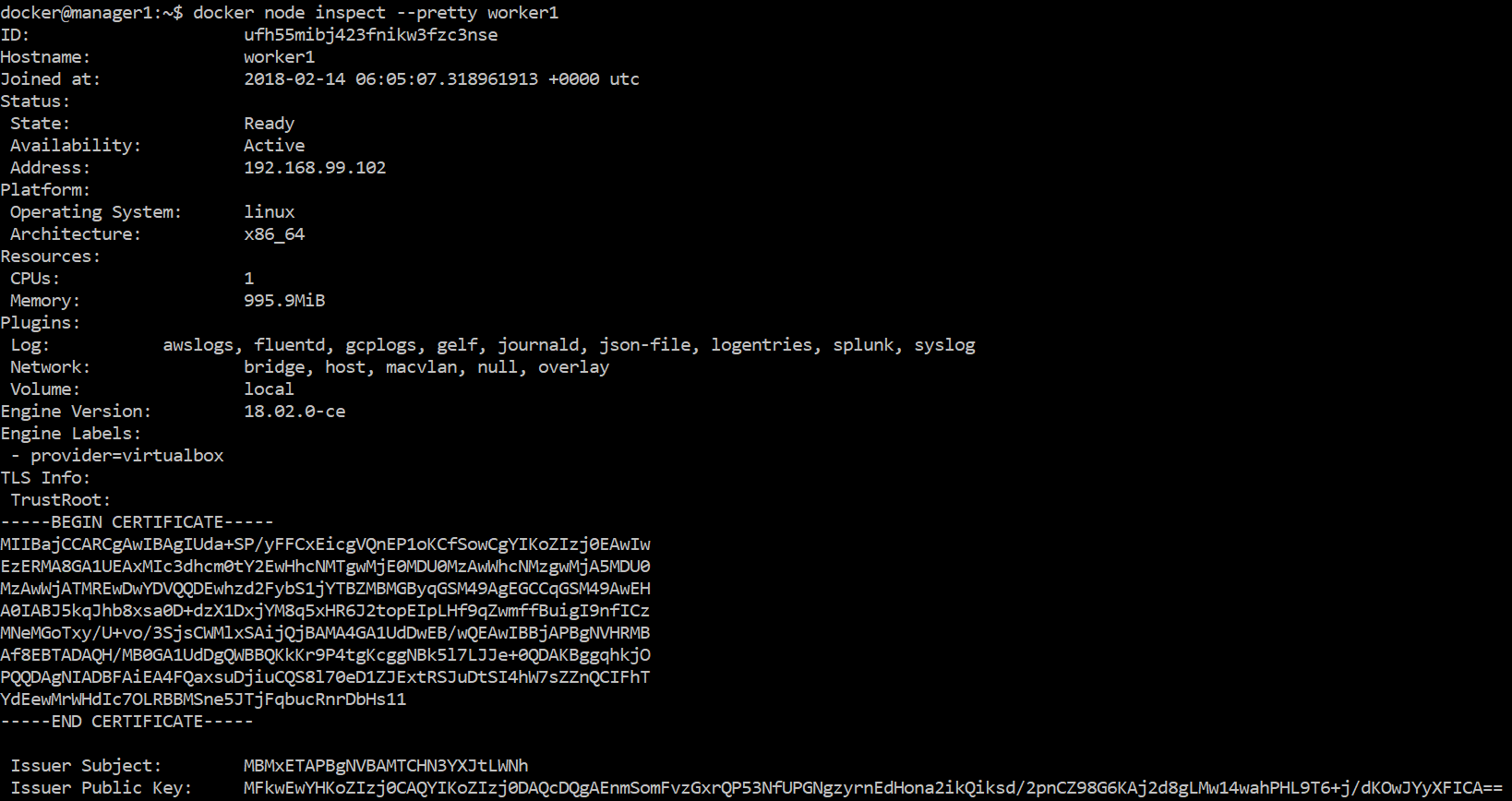


Checking tasks running worker1 and worker2



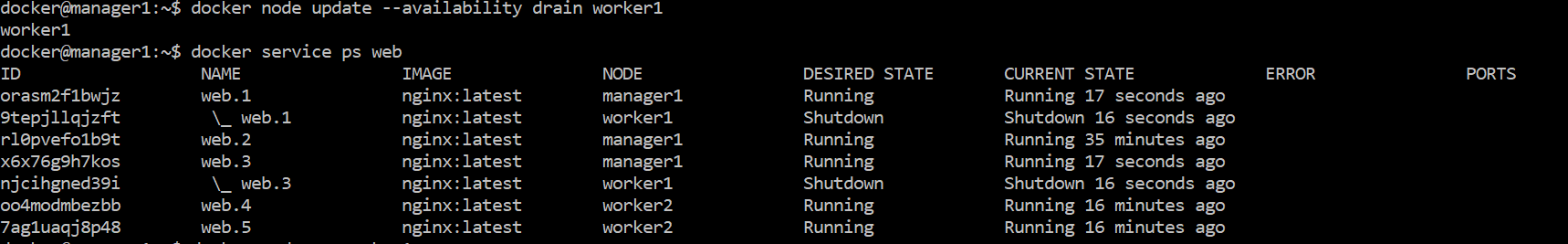
**Checking availability of nodes**

docker node inspect [--pretty] Nodename

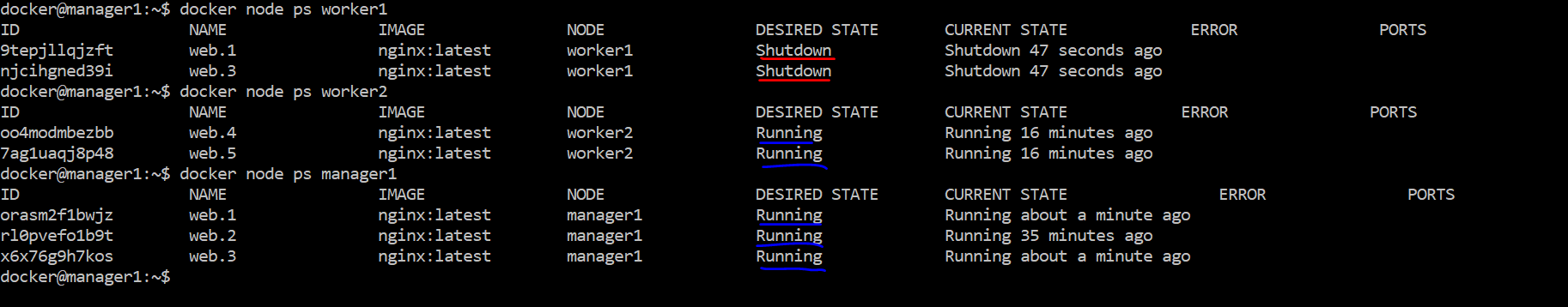


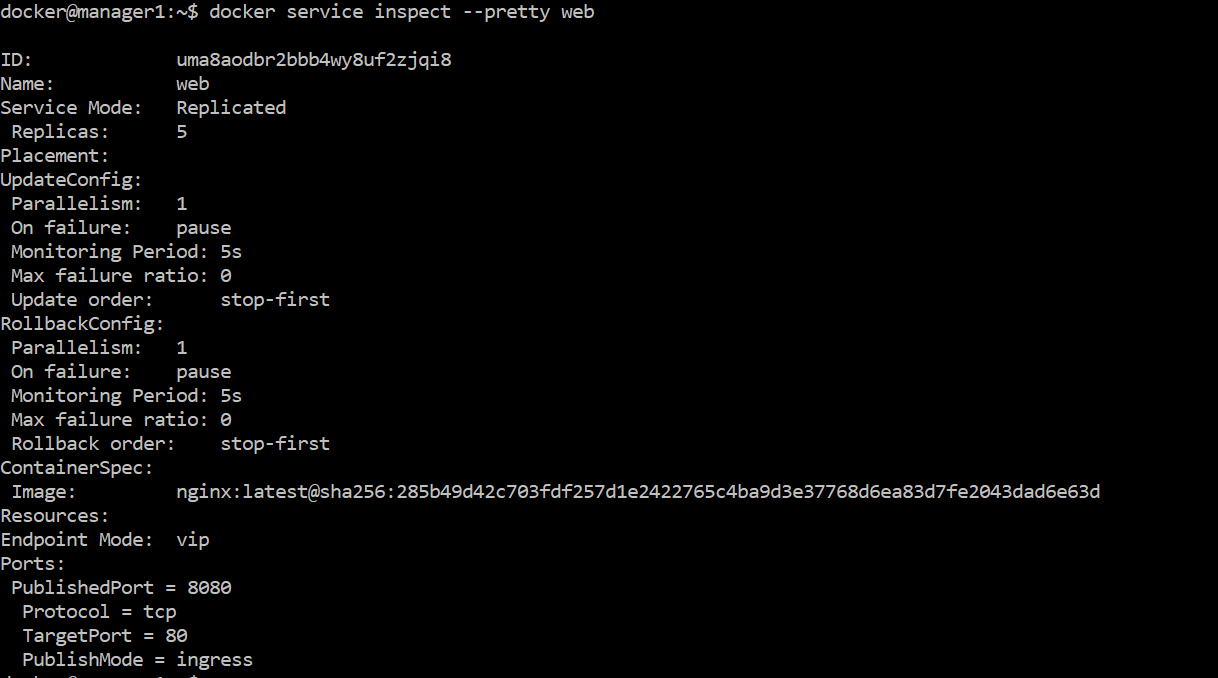
**Draining a node**

docker node update --availability drain Nodename



Checking replicas running on worker1,worker2 and manager1



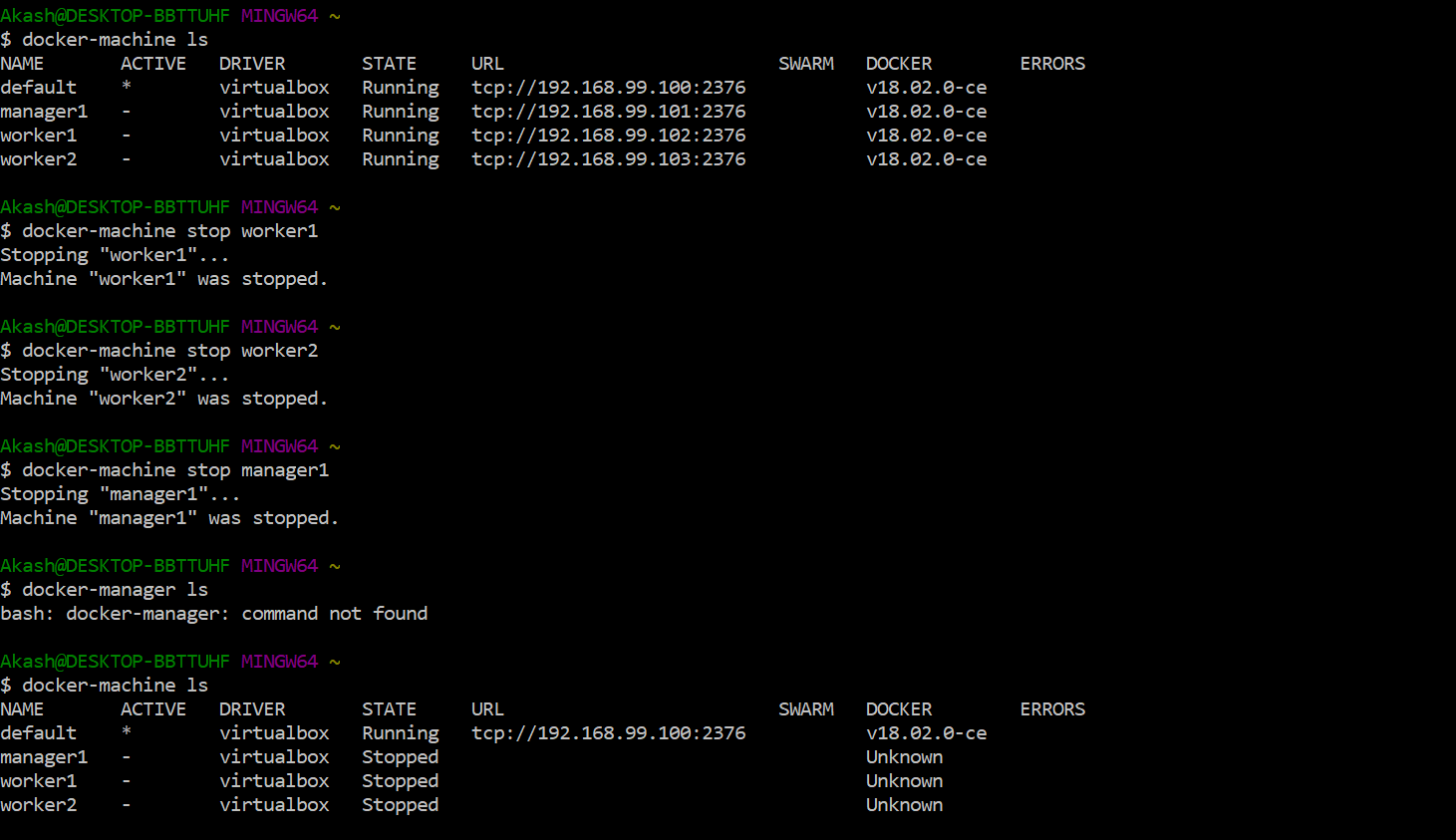


**Remove the Service**

docker service rm ServiceName



Stopping docker machine



Deleting docker-machine

