DOCKER SWARM INITIALIZATION

DevOps Certification Training

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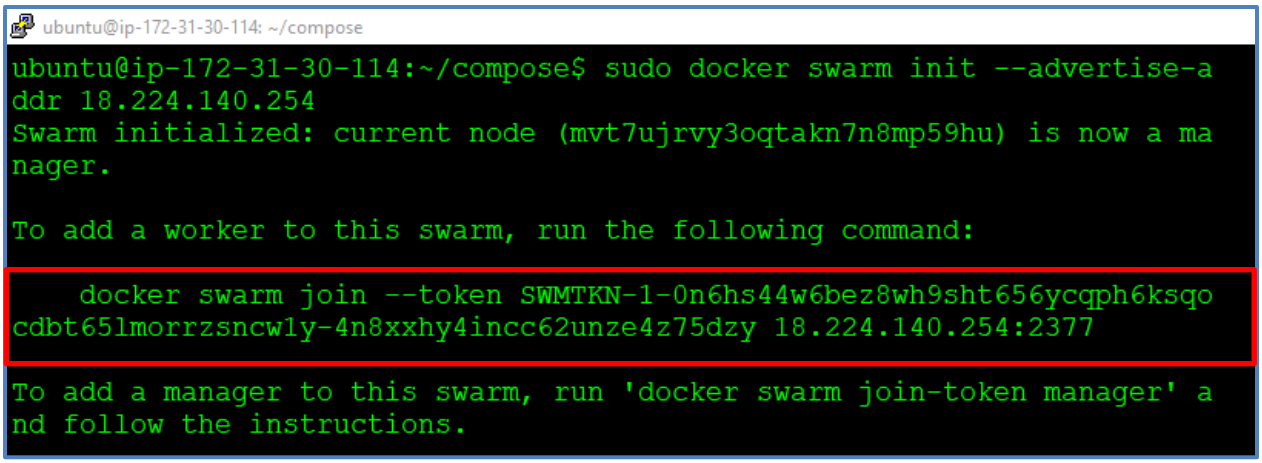
DOCKER SWARM INITIALIZATION ON UBUNTU

Initialization of Docker Swarm:

Since we have already installed docker in our system, along with that docker swarm is already installed. We just need to initialize the docker swarm

Step 1: Use the following command to create a new swarm.

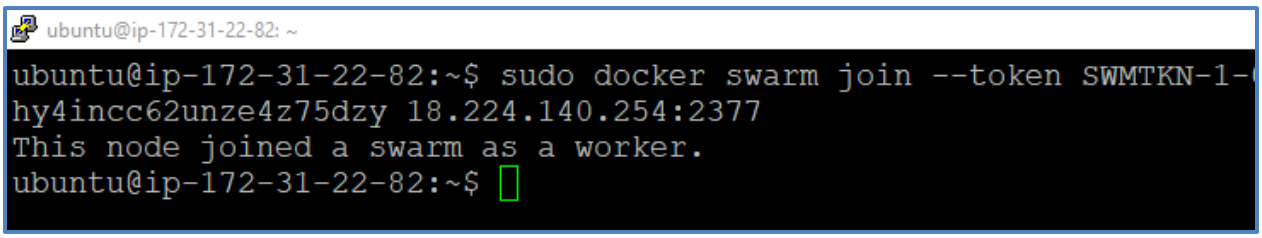
```
$ sudo docker swarm init –advertise-addr  <master IP>
```



Copy the token (marked in red) to clipboard.

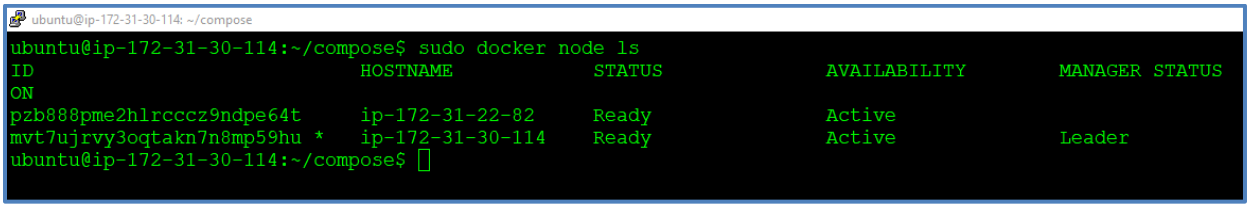
Step 2: Now we will start a new session as worker, and we will join the swarm that we just created. Paste the copied token shown below.

```
$ sudo <token>
```



Step 3: Now check we will check the node list as the manager.

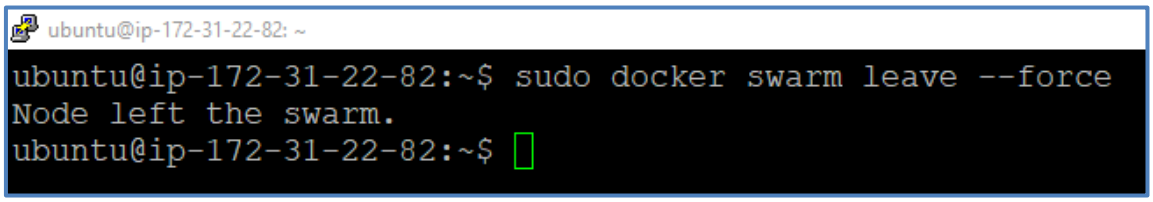
```
$ sudo docker node ls
```



As you can see worker has joined and status of both nodes are ready.

Step 4: Follow the commands given below to leave the swarm.

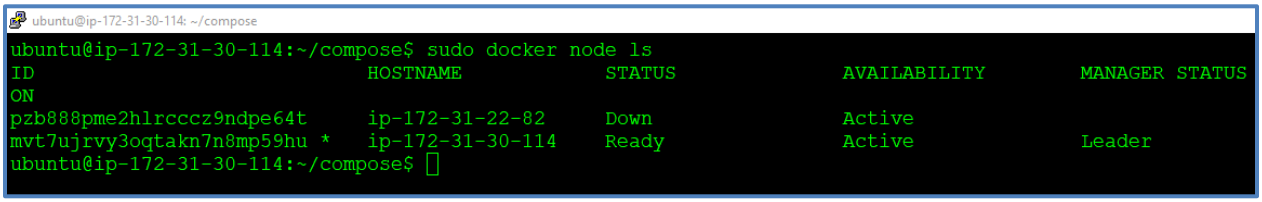
```
$ sudo docker leave --force
```



Now that the node left the swarm, let's check the node list as manager and check the status of the nodes.

Step 5: To check the node list as manager follow the command given below.

```
$ sudo docker node ls
```



As you can, the status of the node that left the swarm is no longer ready.

Step 6: To leave the swarm as manager follow the command given below.

```
$ sudo docker swarm leave --force
```