Playing with Node Roles & Performing Leader Election

1 Get join-token for worker

```
$   docker swarm join-token worker
```

2 Join new nodes as worker in Swarm

```
$ docker swarm join --token <token<
<manager-IP>
```

3 List out nodes

```
$ docker node ls
```

4 Promote worker node to manager

```
$ docker node promote worker-3
worker-4
```

Cerulean Canvas

5 List out nodes

```
$ docker node ls
```

6 Inspect new worker node

```
$ docker node inspect worker-3
```

7 Demote manager node to worker

```
$ docker node demote manager
```

8 List out nodes on manager node

```
$ docker node ls
```

9 List out nodes on worker-4 node

```
$ docker node ls
```

Cerulean Canvas

10 Demote worker-3 node

On worker-4 (role=manager),

$ docker node demote worker-3

11 List out nodes on worker-4

$ docker node ls

12 Remove worker-4 from swarm cluster

$ docker node rm worker-4

13 Demote worker-4 node

$ docker node demote worker-4

14 Make worker-4 leave the swarm

$ docker swarm leave

$ docker swarm leave --force

15 List out nodes on worker-4

$ docker node ls