Draining a node in swarm

'Drain' status prevents the nodes for receiving new tasks.Drain one of your nodes using the commands below.

docker node ls

```
root@ip-172-31-23-36:/home/ubuntu# docker node ls
ID                          HOSTNAME          STATUS   AVAILABILITY   MANAGER STATUS   ENGINE VERSION
a0otr5n2niuk55zqrxijm1a1x   ip-172-31-18-155  Down     Active                          24.0.5
qk1fuw40knwf0uhs4ph36ivuz * ip-172-31-23-36   Ready    Active         Leader           24.0.5
root@ip-172-31-23-36:/home/ubuntu#
```

i-0efc1c15a6ac477fa (Manager)

PublicIPs: 54.221.85.119   PrivateIPs: 172.31.23.36

docker node update --availability drain < node ID >

```
root@ip-172-31-23-36:/home/ubuntu# docker node ls
ID                          HOSTNAME          STATUS   AVAILABILITY   MANAGER STATUS   ENGINE VERSION
a0otr5n2niuk55zqrxijm1a1x   ip-172-31-18-155  Down     Drain                           24.0.5
qk1fuw40knwf0uhs4ph36ivuz * ip-172-31-23-36   Ready    Active         Leader           24.0.5
root@ip-172-31-23-36:/home/ubuntu#
```

i-0efc1c15a6ac477fa (Manager)

PublicIPs: 54.221.85.119   PrivateIPs: 172.31.23.36

To make it active

docker node update –availability active < node_id>

```
root@ip-172-31-23-36:/home/ubuntu# docker node update --availability active a0otr5n2niuk55zqrxijm1a1x
a0otr5n2niuk55zqrxijm1a1x
root@ip-172-31-23-36:/home/ubuntu#
```

i-0efc1c15a6ac477fa (Manager)

PublicIPs: 54.221.85.119   PrivateIPs: 172.31.23.36

docker node ls

```
root@ip-172-31-23-36:/home/ubuntu# docker node ls
ID                          HOSTNAME          STATUS   AVAILABILITY   MANAGER STATUS   ENGINE VERSION
a0otr5n2niuk55zqrxijm1a1x   ip-172-31-18-155  Down     Active                          24.0.5
qk1fuw40knwf0uhs4ph36ivuz * ip-172-31-23-36   Ready    Active         Leader           24.0.5
root@ip-172-31-23-36:/home/ubuntu#
```

i-0efc1c15a6ac477fa (Manager)

PublicIPs: 54.221.85.119   PrivateIPs: 172.31.23.36