

CONTAINER SCALING WITH DOCKER SWARM

1. We use scaling to increase the replicas of our service in the docker swarm to connect to more devices or instances, so that service can be available to another machine or instance.
2. Command for scaling is
“docker service scale my-ang-app-service=2”.
3. This will increase the replica number to two.
4. Now we can use this service in two machines.
5. Swarm is used mainly for networking.

```
[ec2-user@ip-172-31-20-211 ~]$ ^C
[ec2-user@ip-172-31-20-211 ~]$ docker service create -p 80:80 --name my-ang-app-service varaprasad26/doc_ang_img2
9a468tszy2bedv32ff8d6fdzv
overall progress: 1 out of 1 tasks
1/1: running [=====>]
verify: Service converged
[ec2-user@ip-172-31-20-211 ~]$ docker service ls
ID                NAME                MODE                REPLICAS            IMAGE                PORTS
9a468tszy2be      my-ang-app-service  replicated          1/1                 varaprasad26/doc_ang_img2:latest  *:80->80/tcp
[ec2-user@ip-172-31-20-211 ~]$ docker service scale my-ang-app-service=2
my-ang-app-service scaled to 2
overall progress: 2 out of 2 tasks
1/2: running [=====>]
2/2: running [=====>]
verify: Service converged
[ec2-user@ip-172-31-20-211 ~]$ docker service ls
ID                NAME                MODE                REPLICAS            IMAGE                PORTS
9a468tszy2be      my-ang-app-service  replicated          2/2                 varaprasad26/doc_ang_img2:latest  *:80->80/tcp
[ec2-user@ip-172-31-20-211 ~]$
```

i-037358d31cf6889a0 (MyEC2Hub)

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