

# docker swarm: official guide

- <https://docs.docker.com/engine/swarm/swarm-tutorial/>
  - <https://docs.docker.com/engine/install/debian/>
- <https://docs.docker.com/engine/swarm/swarm-tutorial/create-swarm/>
- <https://docs.docker.com/engine/swarm/swarm-tutorial/add-nodes/>
- <https://docs.docker.com/engine/swarm/swarm-tutorial/deploy-service/>
- <https://docs.docker.com/engine/swarm/swarm-tutorial/inspect-service/>
- <https://docs.docker.com/engine/swarm/swarm-tutorial/scale-service/>
- <https://docs.docker.com/engine/swarm/swarm-tutorial/delete-service/>
- → <https://docs.docker.com/engine/swarm/swarm-tutorial/rolling-update/>

## master node

- init swarm:

```
docker swarm init --advertise-addr 10.0.0.10
```

- show token:

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

- run service:

```
docker service create --replicas 1 --name helloworld alpine ping docker.com  
docker service ls
```

- inspect service:

```
docker service inspect --pretty helloworld  
docker service ps helloworld
```

- re-scaling:

```
docker service scale helloworld=5
```

- remove:

```
docker service rm helloworld
```

## worker node

- add to swarm:`bash>docker swarm join \`

1. token SWMTKN-1-49nj1cmql0jkz5s954yi3oex3nedyz0fb0xx14ie39trti4wxv-8vxv8rssmk743ojnwacrr2e7c \

10.0.0.10:2377

From:

<https://miguelangel.torresegea.es/wiki/> - **miguel angel torres egea**

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Last update: **04/12/2021 22:02**

