



Microservices-Docker-Swarm — -zsh — 80x24

```
Last login: Sun Mar 23 14:49:45 on ttys000
alveera@Alveeras-MacBook ~ % docker swarm init
```

```
Swarm initialized: current node (4mr9c3lhb0dnjj7vtxj6nejje) is now a manager.
```

```
To add a worker to this swarm, run the following command:
```

```
docker swarm join --token SWMTKN-1-1z1zyzb80smrx94et0jgerqz0w2m9uarna3yb11g1
j7v6otzw2-2km9mdjt8a82p447inql1hmci 192.168.65.3:2377
```

```
To add a manager to this swarm, run 'docker swarm join-token manager' and follow
the instructions.
```

```
alveera@Alveeras-MacBook ~ % docker info | grep Swarm
```

```
Swarm: active
```

```
WARNING: daemon is not using the default seccomp profile
```

```
alveera@Alveeras-MacBook ~ % cd ~/My-Docker-Projects
```

```
mkdir Microservices-Docker-Swarm
```

```
cd Microservices-Docker-Swarm
```

```
alveera@Alveeras-MacBook Microservices-Docker-Swarm % mkdir microservice1 micros
ervice2
```



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```
[alveera@Alveeras-MacBook Microservices-Docker-Swarm % cd microservice1/
```

```
[alveera@Alveeras-MacBook microservice1 % touch app.py
```

```
[alveera@Alveeras-MacBook microservice1 % nano app.py
```

```
[alveera@Alveeras-MacBook microservice1 % touch requirements.txt
```

```
[alveera@Alveeras-MacBook microservice1 % nano requirements.txt
```

```
[alveera@Alveeras-MacBook microservice1 % touch Dockerfile
```

```
[alveera@Alveeras-MacBook microservice1 % nano Dockerfile
```

```
[alveera@Alveeras-MacBook microservice1 % cd microservice2/
```

```
cd: no such file or directory: microservice2/
```

```
[alveera@Alveeras-MacBook microservice1 % mkdir microservice2/
```

```
[alveera@Alveeras-MacBook microservice1 % cd microservice2/
```

```
[alveera@Alveeras-MacBook microservice2 % touch app.py
```

```
[alveera@Alveeras-MacBook microservice2 % nano app.py
```

```
[alveera@Alveeras-MacBook microservice2 % touch requirements.txt
```

```
[alveera@Alveeras-MacBook microservice2 % nano requirements.txt
```

```
[alveera@Alveeras-MacBook microservice2 % touch Dockerfile
```

```
alveera@Alveeras-MacBook microservice2 % nano Dockerfile
```

```
[alveera@Alveeras-MacBook microservice2 % cd Microservices-Docker-Swarm/
```

```
cd: no such file or directory: Microservices-Docker-Swarm/
```

```
[alveera@Alveeras-MacBook microservice2 % ~/Microservices-Docker-Swarm/
```

```
zsh: no such file or directory: /Users/alv/Microservices-Docker-Swarm/
```

```
[alveera@Alveeras-MacBook microservice2 % cd ~/Microservices-Docker-Swarm/
```

```
alveera@Alveeras-MacBook microservice2 % cd ~/My-Docker-Projects/Microservices-Docker-Swarm/
```

```
[alveera@Alveeras-MacBook Microservices-Docker-Swarm % touch docker-compose.yml
[alveera@Alveeras-MacBook Microservices-Docker-Swarm % nano docker-compose.yml
[alveera@Alveeras-MacBook Microservices-Docker-Swarm % nano docker-compose.yml
alveera@Alveeras-MacBook Microservices-Docker-Swarm % docker images | grep micro
service
```

microservice2	latest	936b42836367	4 minutes ago	1
.03GB				
microservice1	latest	28e20453c47c	9 minutes ago	1
.01GB				

```
alveera@Alveeras-MacBook Microservices-Docker-Swarm % docker stack rm microservi
ces
```

```
Removing network microservices_microservices_network
alveera@Alveeras-MacBook Microservices-Docker-Swarm % docker stack deploy -c doc
ker-compose.yml microservices
```

```
Since --detach=false was not specified, tasks will be created in the background.
In a future release, --detach=false will become the default.
Creating network microservices_microservices_network
Creating service microservices_microservice1
Creating service microservices_microservice2
alveera@Alveeras-MacBook Microservices-Docker-Swarm % docker service ls
```

ID	NAME	MODE	REPLICAS	IMAGE
	PORTS			
163wlcicb2w7	microservices_microservice1	replicated	2/2	microservic
e1:latest	*:5001->5001/tcp			
989mmcpm4ykh	microservices_microservice2	replicated	0/2	microservic
e2:latest	*:5002->5002/tcp			

```
alveera@Alveeras-MacBook Microservices-Docker-Swarm % docker service logs micros
ervices_microservice1
```

← → ↻ ⓘ localhost:5001

Hello from Microservice 1!