

3. Container Deployment Using Docker Swarm.

```
Command Prompt
2c175f3089b5: Layer already exists
59c56ae1fb4: Layer already exists
latest: digest: sha256:0a7542063a02ffb89319ce91fa97d5390e91cfd82a2bbff7523a13d245a4b9e9 size: 1785

C:\Users\Me\Docke>docker swarm init
Swarm initialized: current node (ojmb22xf175yys5rcomrxtvnm) is now a manager.

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

    docker swarm join --token SWMTKN-1-2528odcvbjkvpv7ludex7h8z11qtuj0galnbosuggbyxwqgj8-9rpnjamj8b4b5hgnt9nhkybkm 192.168.65.4:2377

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

C:\Users\Me\Docke>docker node ls
ID                HOSTNAME        STATUS    AVAILABILITY    MANAGER STATUS    ENGINE VERSION
ojmb22xf175yys5rcomrxtvnm * docker-desktop  Ready    Active          Leader            24.0.2

C:\Users\Me\Docke>docker service ls
ID                NAME            MODE       REPLICAS        IMAGE            PORTS
v0hm4larcszm2jo3y7rdrs6 webserver        replicated 1/1              phpcode:latest   *:80->80/tcp

C:\Users\Me\Docke>docker service create -p 80:80 --name webserver phpcode
image phpcode:latest could not be accessed on a registry to record
its digest. Each node will access phpcode:latest independently,
possibly leading to different nodes running different
versions of the image.

v0hm4larcszm2jo3y7rdrs6
overall progress: 1 out of 1 tasks
1/1: running [=====]
verify: Service converged

C:\Users\Me\Docke>docker service ls
ID                NAME            MODE       REPLICAS        IMAGE            PORTS
v0hm4larcszm      webserver        replicated 1/1              phpcode:latest   *:80->80/tcp

C:\Users\Me\Docke>
```