

Step 1

Verify current images

\$ docker images

Pull httpd and nginx images

\$ docker pull nginx

\$ docker pull httpd

Step 2

Verify current services running

\$ docker service Is

Step 3

Create a service called testweb with httpd image

\$ docker service create --name testweb -p 80:80 httpd

Verify service testweb is running

\$ docker service ps testweb

How many replicas are running?

- 1?
- 3?



Step 4

Increase the number of replicas for testweb

\$docker service update --replicas 3 --detach=false testweb

Verify how many replicas are running

\$ docker service ps testweb

Step 5

Create a service called testngix with nginx imagec

\$ docker service create --name testnginx -p 5901:80 nginx

Verify service testnginx is running

\$ docker service ps testnginx

How many replicas are running?

-1? 3?

\$ sudo yum install links

Verify ngninx is running under port 5901 in every of the nodes

\$ elinks http://<Private_IP_Address_Master>:5901

\$ elinks http://<Private_IP_Address_Worker1>:5901

\$ elinks http://<Private_IP_Address_Worker2>:5901

```
Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.

Commercial support is available at nginx.com.

Thank you for using nginx.
```





Step 6

Verify both services are running

\$ docker service Is

Scale testnginx service

\$ docker service scale testnginx=3

\$ docker service Is

Step 7

Scale both services with one command

\$ docker service scale --detach=false testnginx=4 testweb=2

\$ docker service Is

Step 8

Remove services

\$ docker service rm testweb

\$ docer service rm testnginx

Verify with

\$ docker service Is