

Go to ec2 dashbord,launch one instance.

Connect to the linx,switch to root user **sudo su -**

Install docker **yum install docker -y**

Start docker **systemctl start docker**

Next we install compose command

sudo curl -L

"https://github.com/docker/compose/releases/download/v2.17.3/docker-compose-\$(uname -s)-\$(uname -m)" -o /usr/local/bin/docker-compose

Give execution permission

sudo chmod +x /usr/local/bin/docker-compose

Verify the version **docker-compose --version**

```
[root@ip-172-31-3-217 ~]# sudo curl -L https://github.com/docker/compose/releases/download/v2.17.3/docker-compose-$(uname -s)-$(uname -m) -o /usr/local/bin/docker-compose
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           Dload  Upload   Total   Spent    Left   Speed
  0     0    0     0    0     0      0      0  --:--:-- --:--:-- --:--:--    0
100 51.9M 100 51.9M    0     0 14.4M      0  0:00:03  0:00:03 --:--:-- 24.0M
[root@ip-172-31-3-217 ~]# sudo chmod +x /usr/local/bin/docker-compose
[root@ip-172-31-3-217 ~]# docker-compose --version
Docker Compose version v2.17.3
[root@ip-172-31-3-217 ~]# vi docker-compose.yml
[root@ip-172-31-3-217 ~]# vi docker-compose.yml
[root@ip-172-31-3-217 ~]# docker-compose up
```

i-0cb3f93339c80452f (server)

vi docker-compose.yml

```
version: '3'
services:
  web:
    image: nginx
    ports:
      - "8080:80"
```

Docker-compose up

Next add port number 8080 hit browse

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.

docker-compose up -d agin its start

Docker ps

Docker-compose images

```
Container root-web-1 Started
oot@ip-172-31-3-217 ~]# docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED    STATUS    PORTS                               NAMES
b28a2f50da    nginx    "/docker-entrypoint..." 6 minutes ago    Up About a minute    0.0.0.0:8080->80/tcp, :::8080->80/tcp    root-web-1
oot@ip-172-31-3-217 ~]# docker-compose images
CONTAINER ID   REPOSITORY    TAG       IMAGE ID       SIZE
ot-web-1      nginx         latest    3b25b682ea82   192MB
oot@ip-172-31-3-217 ~]#
```

docker-compose down



This site can't be reached

3.7.68.160 refused to connect.

Try:

- Checking the connection
- [Checking the proxy and the firewall](#)

ERR_CONNECTION_REFUSED

Reload

docker-compose up -d

```
Network root_default removed
root@ip-172-31-3-217 ~]# docker-compose up -d
} Running 2/2
Network root_default Created
Container root-web-1 Started
root@ip-172-31-3-217 ~]# docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED     STATUS      PORTS                               NAMES
a0de4bdc73    nginx    "/docker-entrypoint..." 12 seconds ago Up 11 seconds 0.0.0.0:8080->80/tcp, :::8080->80/tcp root-web-1
root@ip-172-31-3-217 ~]#
```

0-bz60ZZ30c90452f6 (copy)

vi docker-compose.yml (add another service)

```

version: '3'
services:
  web:
    image: nginx
    ports:
      - "8080:80"
  zomzto:
    image: httpd
    ports:
      - "8081:80"

```

`docker-compose up -d`

```

root@ip-172-31-3-217 ~]# docker-compose up -d
+] Running 7/7
✓ zomato 6 layers [#####] 0B/0B Pulled
✓ a480a496ba95 Already exists
✓ 3a2663e66670 Pull complete
✓ 4f4fb700ef54 Pull complete
✓ dbde712f81fb Pull complete
✓ 867b2ea3628d Pull complete
✓ 6bd9d3710aae Pull complete
+] Running 2/2
✓ Container root-web-1 Started
✓ Container root-zomato-1 Started
root@ip-172-31-3-217 ~]#

```

Login docker `docker login`

```

Username: mudigetianusha
Password:
WARNING! Your password will be stored unencrypted in /root/.docker/
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credential-helper

Login Succeeded
root@ip-172-31-3-217 ~]#

```

i-0cb3f93339c80452f (server)

Add `vi index.html`

vi docker-compose.yml

```
version: '3'
services:
  web:
    image: nginx
    ports:
      - "8000:80"
  zomato:
    image: httpd
    ports:
      - "8001:80"
  loginpage:
    image: mudigetianusha/docker-compose
    ports:
      - "8002:80"
```

docker-compose.yml" 14L, 219B