

Create volume

Steps:

- 1) systemctl start docker
- 2) docker volume create new
- 3) cd /var/lib/docker/
- 4) ls
- 5) cd volumes/
- 6) docker run -d -P -v new:/usr/local/apache2/htdocs/ httpd
- 7) docker ps
- 8) search public ip:assign port

```
root@ip-172-31-89-254:~# systemctl start docker
root@ip-172-31-89-254:~# docker volume create new
new
root@ip-172-31-89-254:~# cd /var/lib/docker/
root@ip-172-31-89-254:/var/lib/docker# ls
buildkit  containers  engine-id  image  network  overlay2  plugins  runtimes  swarm  tmp  volumes
root@ip-172-31-89-254:/var/lib/docker# cd volumes/
root@ip-172-31-89-254:/var/lib/docker/volumes# ls
backingFsBlockDev  metadata.db  new
root@ip-172-31-89-254:/var/lib/docker/volumes# docker run -d -P -v new:/usr/local/apache2/htdocs/ httpd
Unable to find image 'httpd:latest' locally
latest: Pulling from library/httpd
8a1e25ce7c4f: Pull complete
8b0a7c8478f8: Pull complete
4f4fb700ef54: Pull complete
7f8fb0a042e0: Pull complete
91e4b2f2b52a: Pull complete
c78cdbf9617d: Pull complete
Digest: sha256:374766f5bc5977c9b72fdb8ae3ed05b7fc89060e7edc88fcbf142d6988e58eeb
Status: Downloaded newer image for httpd:latest
e53ba2217b8b3dd7e318d808e160bfd53ae858c9321cfe5151a9cbb9c709e0cc
root@ip-172-31-89-254:/var/lib/docker/volumes# docker images
REPOSITORY   TAG       IMAGE ID       CREATED        SIZE
httpd        latest    ac45b24b92cc   2 months ago   167MB
root@ip-172-31-89-254:/var/lib/docker/volumes# docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
e53ba2217b8b   httpd     "httpd-foreground"      33 seconds ago Up 32 seconds  0.0.0.0:32768->80/tcp, :::32768->80/tcp  romantic_khayyam
```

Output:

