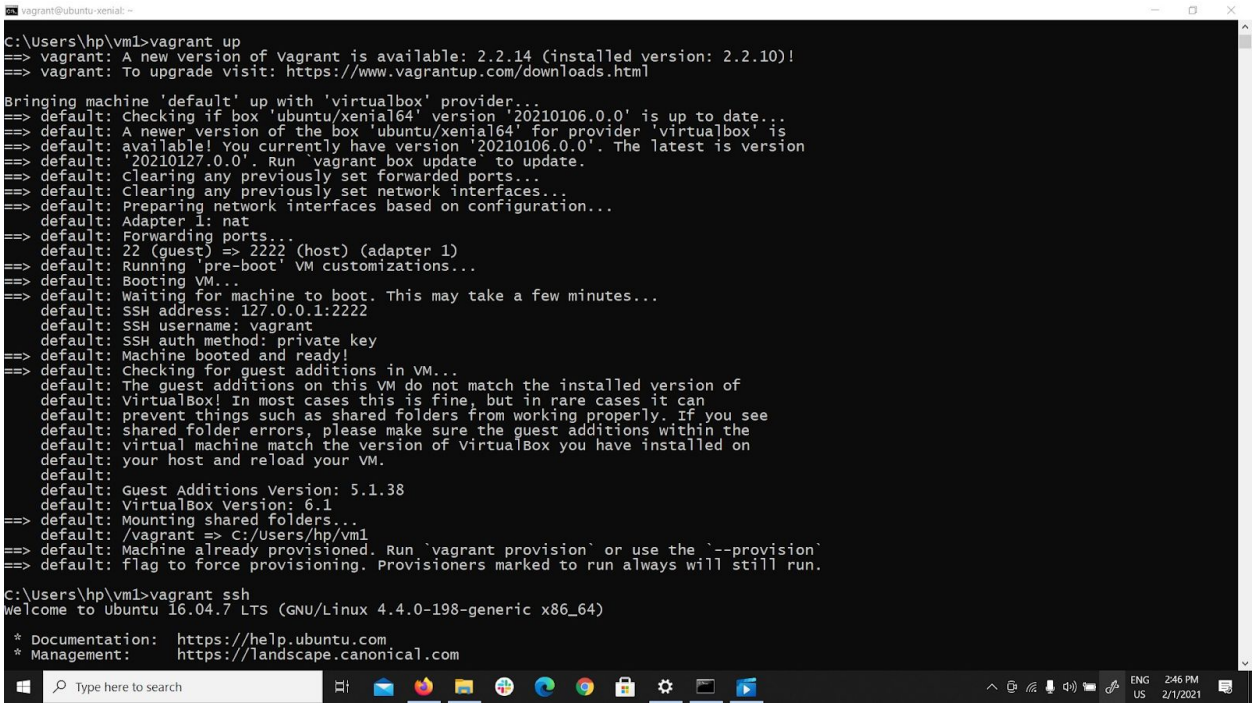
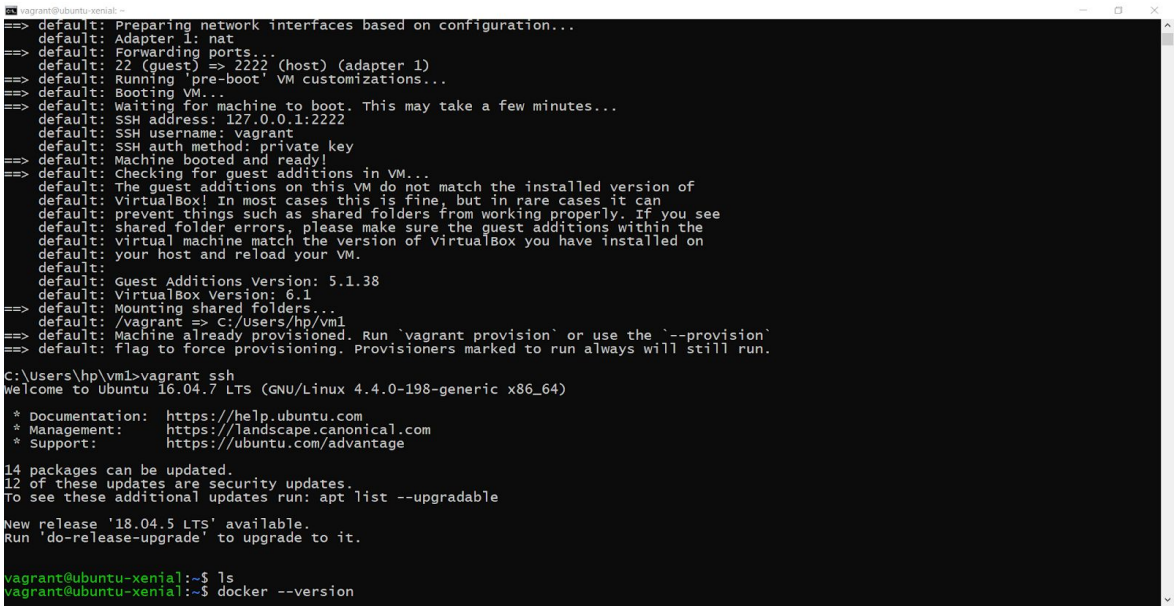
Lab:2

Start Vagrant

$ vagrant up



$ vagrant ssh

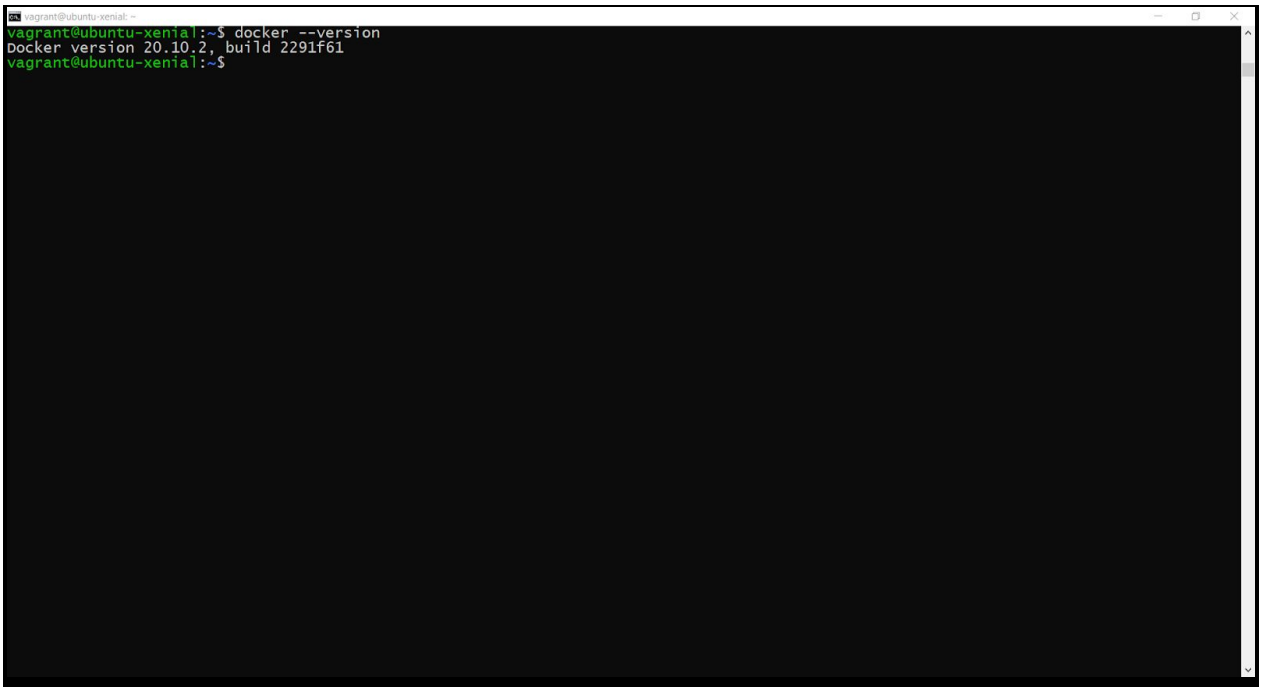


Docker Installation

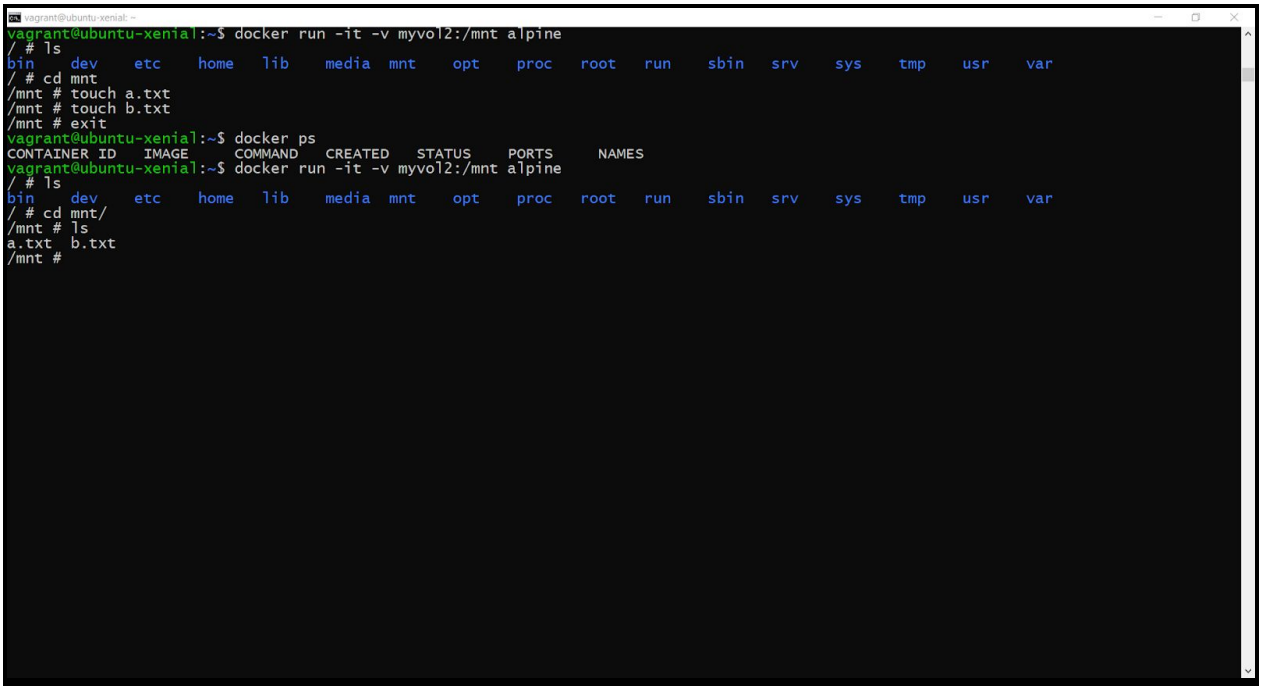
- sudo apt install apt-transport-https ca-certificates curl software-properties-common
- curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add -
- sudo add-apt-repository "deb [arch=amd64] https://download.docker.com/linux/ubuntu bionic test"
- sudo apt update
- sudo apt install docker-ce

Check the Docker Version

$ docker --version



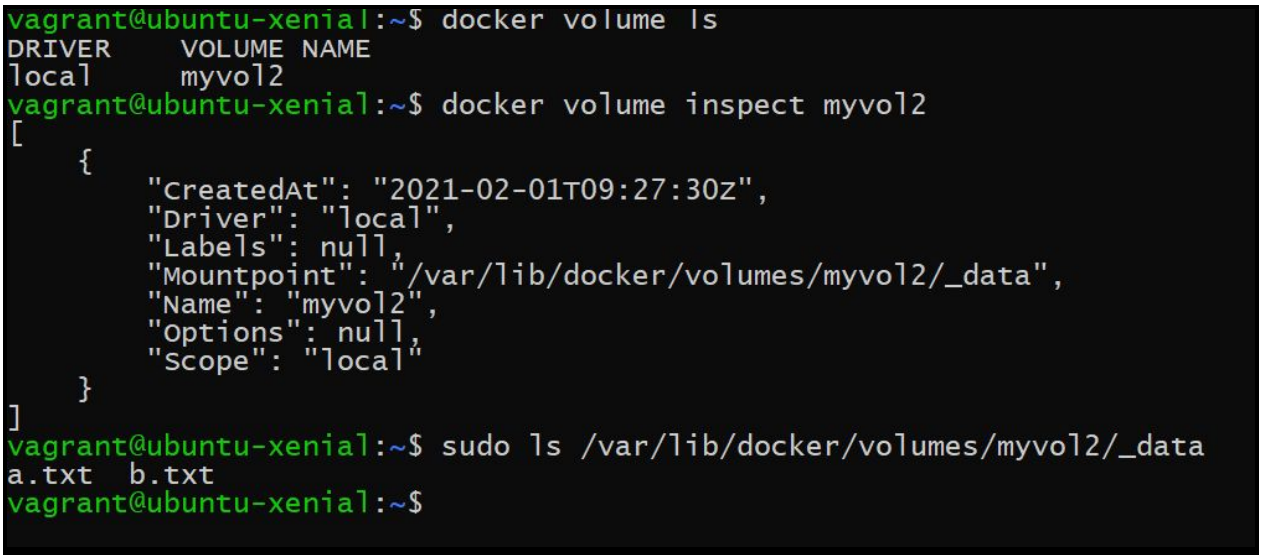
$ docker run -it -v myvol2:/mnt alpine



$ docker volume ls

$ docker volume inspect myvol2

$ sudo ls [File Name]



Run Ubuntu Container with Same volume

```
a.txt  b.txt
vagrant@ubuntu-xenial:~$ docker run -it -v myvol2:/mnt ubuntu
Unable to find image 'ubuntu:latest' locally
latest: Pulling from library/ubuntu
83ee3a23efb7: Pull complete
db98fc6f11f0: Pull complete
f611acd52c6c: Pull complete
Digest: sha256:703218c0465075f4425e58fac086e09e1de5c340b12976ab9eb8ad26615c3715
Status: Downloaded newer image for ubuntu:latest
root@82f7e79cbbea:/# ls
bin  boot  dev  etc  home  lib  lib32  lib64  libx32  media  mnt  opt  proc  root  run  sbin  srv  sys  tmp  usr  var
root@82f7e79cbbea:/# cd mnt
root@82f7e79cbbea:/mnt# ls
a.txt  b.txt
root@82f7e79cbbea:/mnt# touch c.txt
root@82f7e79cbbea:/mnt# touch d.txt
root@82f7e79cbbea:/mnt# ls
a.txt  b.txt  c.txt  d.txt
root@82f7e79cbbea:/mnt#
```

Check the Volume which contain all the files make by both containers

```
vagrant@ubuntu-xenial:~$ sudo ls /var/lib/docker/volumes/myvol2/_data
a.txt  b.txt  c.txt  d.txt
vagrant@ubuntu-xenial:~$
```