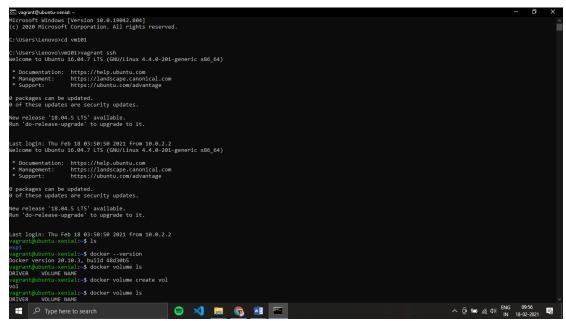
Name - Ankur Sehrawat

Cse-DevOps b1

Experiment -2

Aim- To create Docker volume and attach it with Containers for persistent storage.

1) To create persistent volume in Docker, use command docker volume create <volume-name>. After creating volume we can see all the Docker volumes with the help of command docker volume is.



2) Now while launching container use option -v to attach volume to any directory inside the container. Inside the container, store any file or data in the directory attached to volume.

```
Ex vegrant@ubuntu.venial.-

Last login: Thu Feb 18 83:59:58 2021 from 10.0.2.2

**Documentation: https://help.ubuntu.com
**Management: https://help.ubuntu.com
**Management: https://help.ubuntu.com
**Support: https://help.ubuntu.com/davartage
**packages can be updated.
**port of the upgrade to it.

But 'do-release '18.04.5 LTS' available.
**Run 'do-release-upgrade' to upgrade to it.

Last login: Thu Feb 18 03:59:58 2021 from 10.0.2.2

**vagrant@ubuntu.venial:-$ docker -unimal seasons
**vagrant@ubuntu.venial:-$ docker volume is

**port of the upgrade to upgrade to it.

**Support: docker volume last of upgrade to it.

**
```

3) Now launch another container and attach the same volume with any directory inside the container. Inside the container, we can see same file and data that we stored on another container.

```
SyspertDebunts venial: -$ docker run alpine
Umable to find image 'alpine:latest' locally
Latest: powlanded never image for alpine:latest
District should not be status; Downloaded never image for alpine:latest
District should not should be status; Downloaded never image for alpine:latest
agrant@buntu-wenial:-$ docker pun -it alpine
District shabs/arbardish-75-debadaddds-2c/baze1975c795cetee22fa34f8cf46f96a3be
Status; Downloaded never image for alpine:latest
agrant@buntu-wenial:-$ docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS
DONTAINER ID IMAGE COMMAND CREATED STATUS
DONTAINER ID IMAGE COMMAND CREATED STATUS

CONTAINER ID IMAGE COMMAND CREATED STATUS

DONTAINER ID IMAGE COMMAND CREATED STATUS

ONTAINER ID IMAGE COMMAND CREATED STATUS

IMAGE STATUS CREATED TO IMAGE COMMAND CREATED STATUS

ONTAINER ID IMAGE COMMAND CREATED STATUS

IMAGE STATUS CREATED TO IMAGE CRE
```