

Reference slide

command

Description of the command

Installation of Docker

`Yum update -y`

To update patches OS

`Yum install docker`

To install docker

`Service docker start`

To start docker service

Basic commands of Docker

`docker version | docker -v`

To check to version.

`docker info`

To check complete information of docker

`docker login`

To login to [hub.docer.com](https://hub.docker.com)

Basic commands of Docker

`docker ps`

To list running containers

`docker ps -a`

To list all containers in docker

`docker run`

To create container

Basic commands of Docker

`docker start`

To start container

`docker stop`

To stop container

`docker stats`

To check the status

Basic commands of Docker

`docker images`

To list all local images

`docker pull`

To get image from docker hub

`docker rmi`

To delete the local image

Intermediate commands of Docker

```
docker run ubuntu
```

To run container with ubuntu image

```
docker run -it ubuntu bash
```

To run container from image and connect terminal

```
Docker run -d ubuntu sleep 10
```

To run container in background and stop after 10 sec.

Intermediate commands of Docker

```
docker run ubuntu:17.10 cat /etc/*release*
```

To run container with tag ubuntu image and show the version of OS

```
docker inspect "container-id"
```

To check details about container including ip address

```
Docker run -p 8080:8080 jenkins
```

To run container with jenkins with expose ports

Intermediate commands of Docker

`docker volume --help`

To list all command for volume

`docker volume create`

To create new volume

`docker volume ls`

To list all volumes

Intermediate commands of Docker

`docker volume rm`

To delete one or more volume

`docker volume prune`

To delete all unused volumes

`docker volume inspect "volname"`

To know to status of volume

Intermediate commands of Docker

```
docker network ls
```

To see all bridges

```
docker network inspect "net-id"
```

To check the status of a bridge

```
docker network create --driver=bridge name
```

To create new bridge