Docker Installation on linux

1. Open a shell on linux machine
2. Use wget cmd ----wget –qO –https://get.docker.com/ |sh
3. Docker -- version ----------- to check the docker installed with version
4. Another cmd docker info ------------ do--------------------------------------------------

Then next step for docker images

Its like a virtual machine template.

# docker images - to check if any template image is available or not

Getting images onto you docker host is called pulling . Pull image in your dokcer host using cmd

# dokcer pull centos:latest

Each images gets itw own unique id . when working with the image you can refer to them id.

Docker Containers:- As we have an images pulled locally on docker host, we ccan use the docke container run command to launch a container from it.

#docker run –it centos:latest /bin/bash

Docker run the command.docker run tells the docker daemon to start a new container

--it :- flag tell the daemon to make the container interactive and to attach our current terminal to the shell of the container.

Next the command tell docker that we want the container to be based on the centos:latest image.

Finally, we tell docker which process we want to run inside of the container . in this example we’re tunning a Bash shell.

>run a ps commnd from inside of the container to list all running processes.

If we exit from the container bash shell , the container will die.why?

Run another container again using centos:latesrt image. Goinside the container and then **press ctrl pq to exit fro the container without terminating the comtainer.if you need you can confirm the docker ps commandby another shell.**

Stop the container and kill it using below cmd

Dokcer ps

Dockerr stop id

Docker rm id

Dokcer ps - tocheck the container is available or not