Installation of docker...

sudo apt-get update for ubuntu(it will download all latest dependencies) sudo yum update (centos)

just enter docker (It will show whats the command to download docker) or google how to install docker on ubuntu..

To download ubuntu or centos to our system from official website it used to take 2 to 5gb...(Time and space consuming)

We can download images from dockerhub which will have very less space ...

Docker search ubuntu 🡪will give list of all images related to Docker..

sudo Docker pull ubuntu---> sudo docker pull ubuntu (image name)

sudo docker images ----->will display list of images downloaded...

To avoid always entering sudo enter below command

sudo usermod -aG docker $USER

sudo chmod 666 /var/run/docker.sock (change permissions of docker socket to be able to connect to docker daemon)

Docker run ubuntu🡪1st will check in our machine and if its not existed will bring from docker hub and install

docker run -it imageid (to run as container) --->u will go inside container from ubuntu user..Once u logged in and enter exit it will stop container… to exit in running mode we can do **ctrl p and ctrl q.**

-it --->Stands for interactive terminal (talk with container)

Docker run -itd imageid -🡪detach mode

exit (exit from container )

docker ps --->to check running containers (we wont see previous container as we have entered exit..it will get stopped)

docker ps -a --->will show running and stopped containers

docker start containerid --->to start stopped containerid

once we created contaner with image we can create multiple n containers with same image ID.

docker run -itd imageid (to run as container) --->will start container in detached mode

docket stop containerid (to stop container)

docket restart containerid (to restart container)

docker stop containerid containerid containerid (to stop multiple containerids)

docker start containerid containerid containerid (to start multiple containerids)

docker rm containerid (remove container id)--->we cant remove running container.

docker rm -f containerid (remove container id)--->to remove container forcibly

Docker rmi imageid--->to remove image id

Docker Overview:

Docker overall view

Docker installation

Images docker pull

Docker images

docker run -it imageid

docker run -itd imageid

docker ps

docker ps -a

docker stop cid docker start cid docker restart cid docker stop c1 c2 c3

docker rm cid docker rmi cid -f