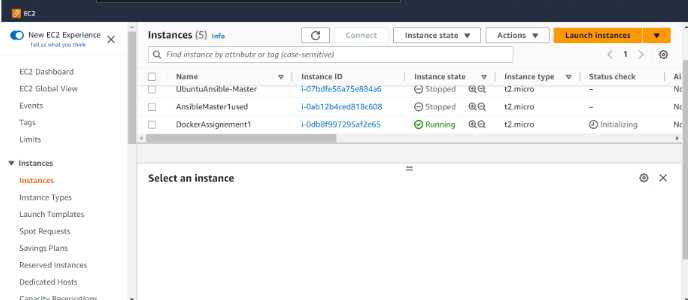
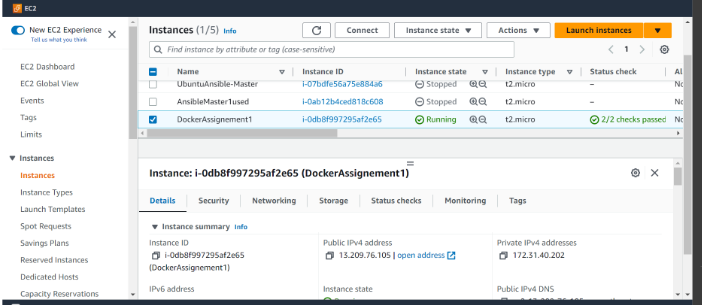
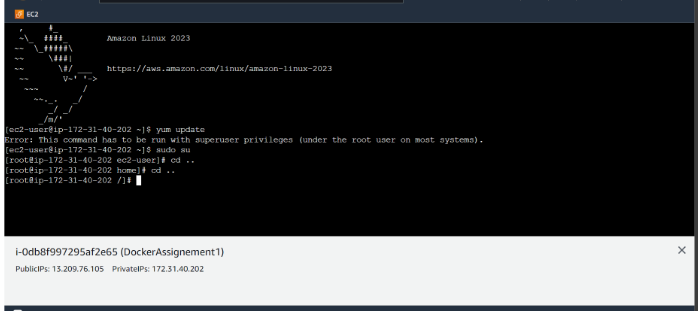
Question 1: Create a vm and install docker and test the images inside the container with the commands.

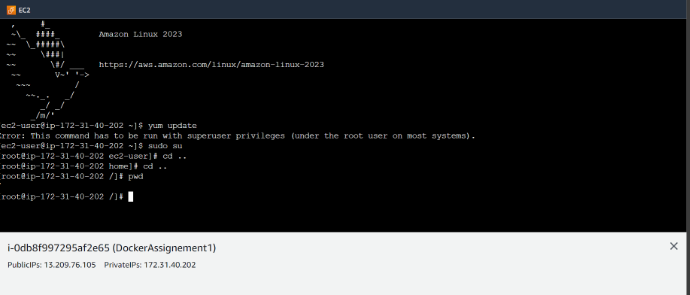
VM created:



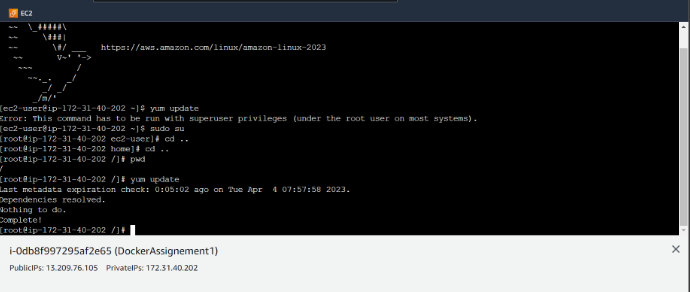


Press below command

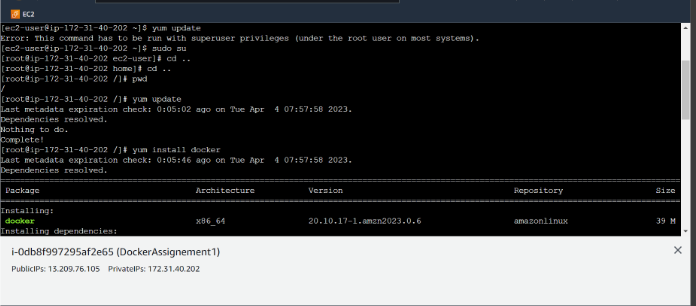


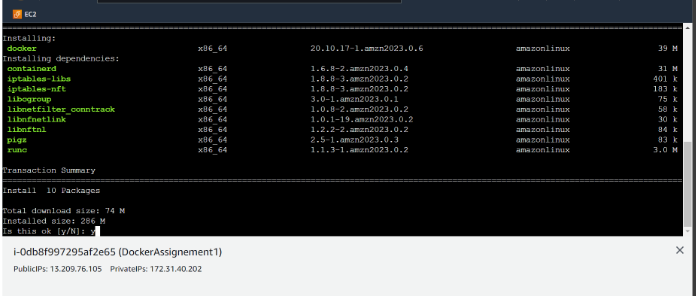


Update system>> yum update

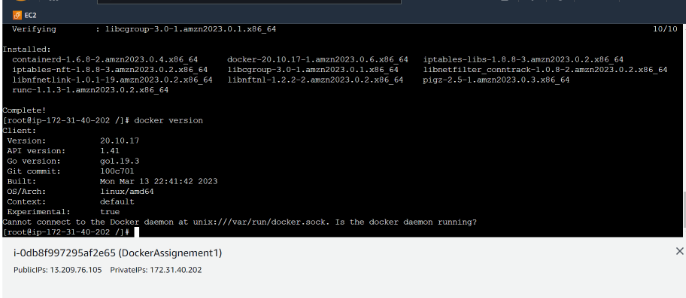


Install docker>> yum install docker

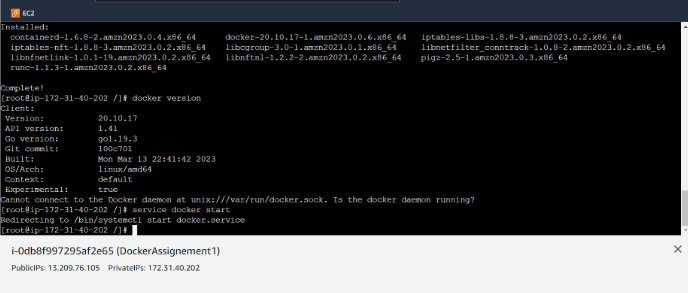




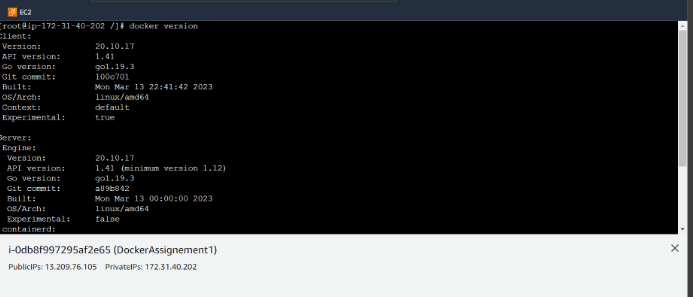
To see docker version>> docker version



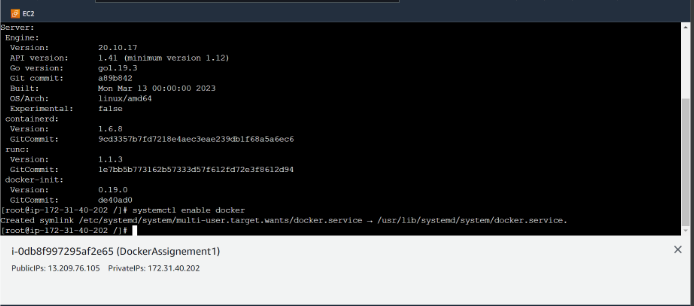
To start service of docker>> service docker start



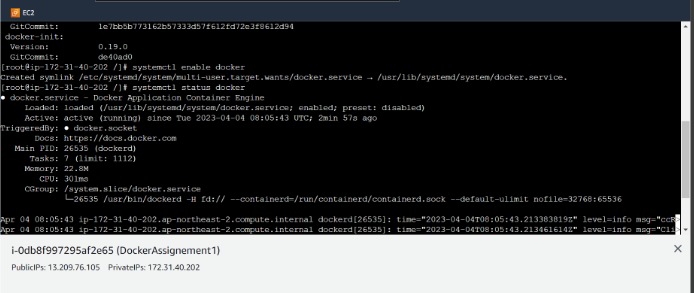
After service is started, type again>> docker version



Now type>> systemctl enable docker

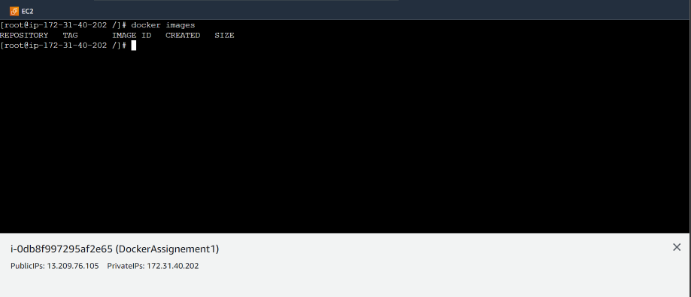


Now type>> systemctl status docker



To come out of it, press ctrl+c

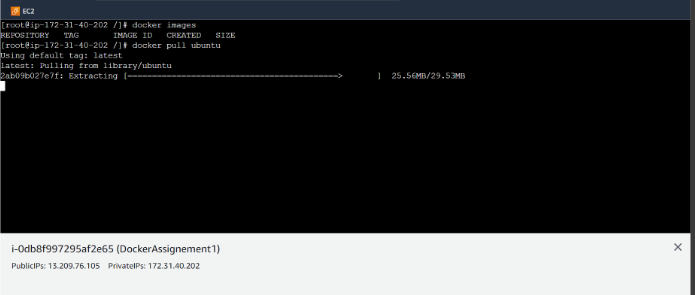
Now type>> docker images



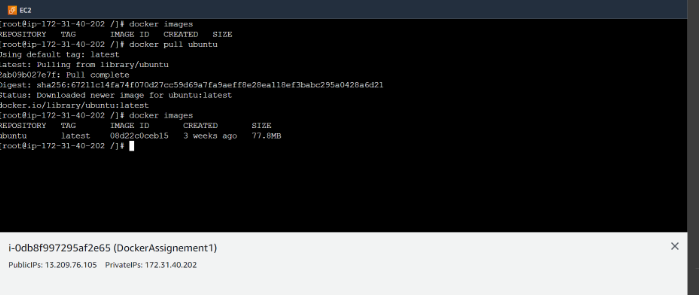
Now login to [ubuntu - Official Image | Docker Hub](https://hub.docker.com/_/ubuntu) to pull image

Here, ubuntu image is pulled

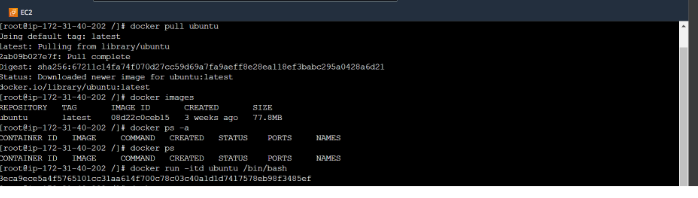
So, type>> docker pull ubuntu



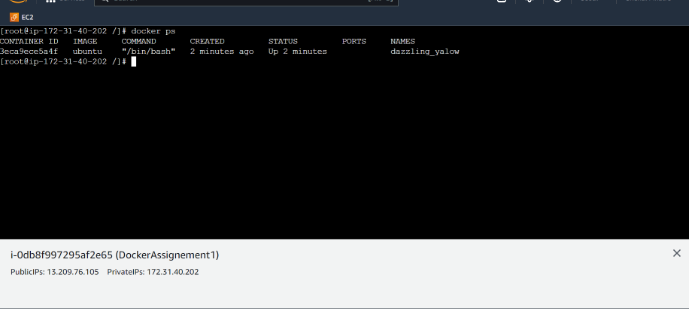
Now image is pulled



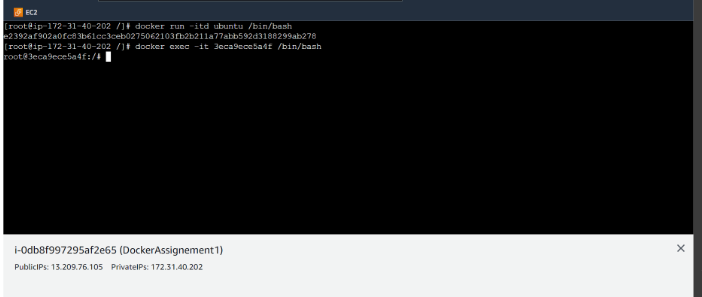
Now install ubuntu >> docker run -itd ubuntu /bin/bash



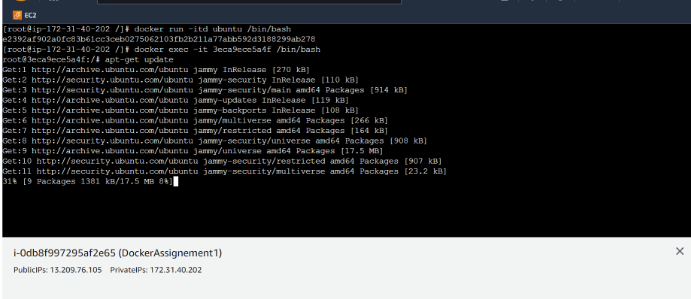
To check ubuntu is running >> docker ps

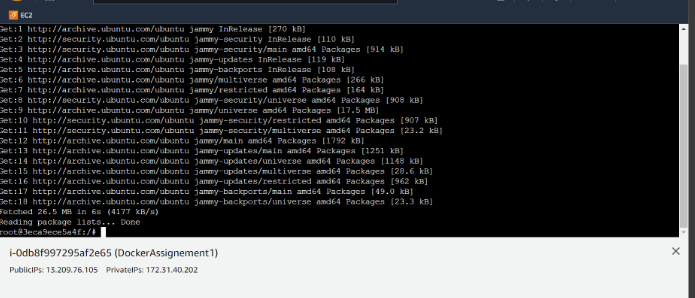


To go inside the ubuntu machine on docker >> docker exec -it <<containerID>> /bin/bash

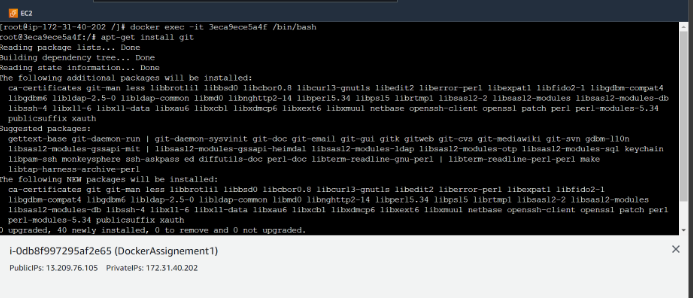


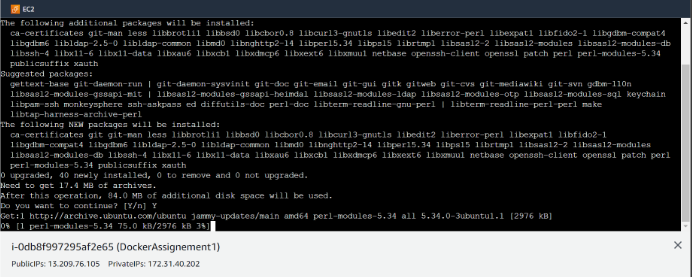
Now we are in ubuntu machine which is on docker type >> apt-get update

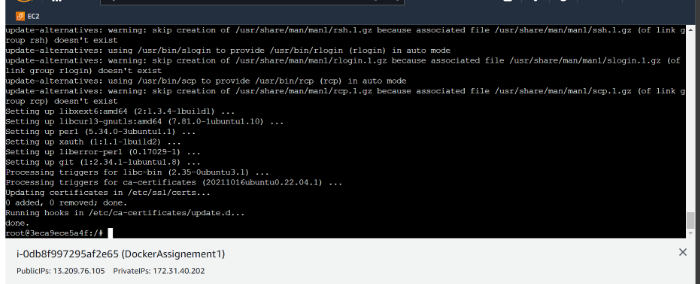




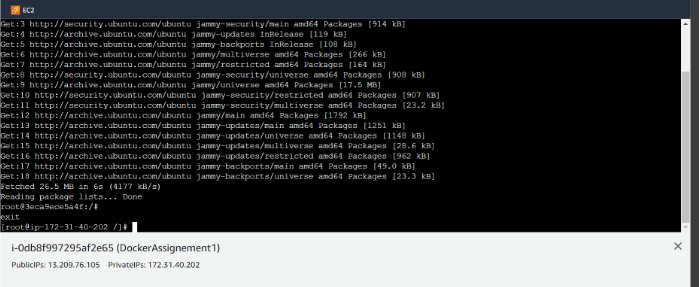
To install git on container



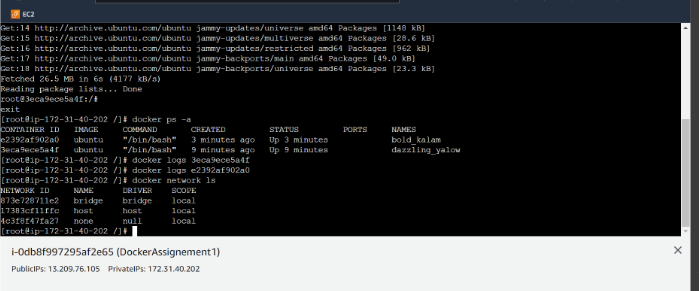




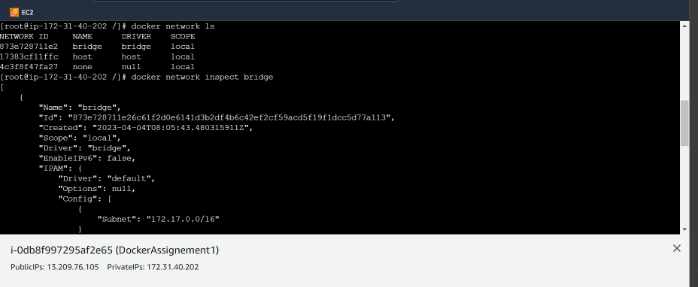
To come out of container, press ctrl+d



To get default network list >> docker network ls

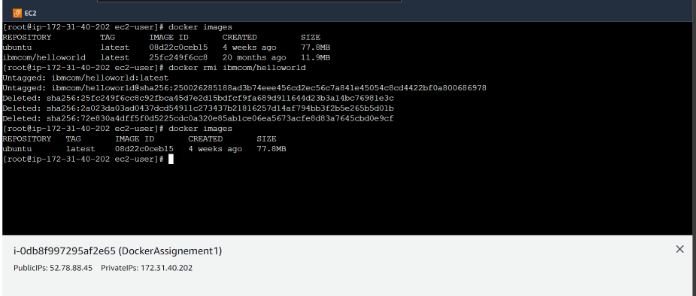


To get Ip address : >> docker network inspect bridge

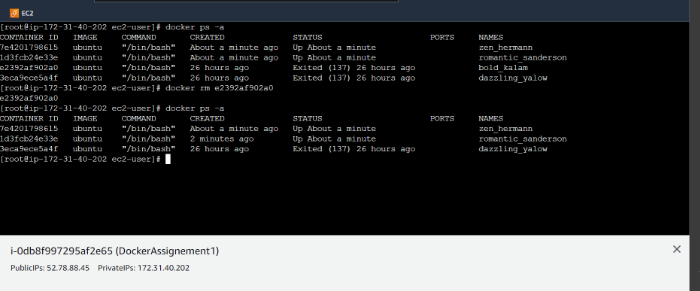




Remove images >> docker rmi imageName



Remove Container from docker >> docker rm containerID



Docker command to start container >> docker container start <<containerID>>



Inspect docker container >> docker container inspect <<ContainerID>>

