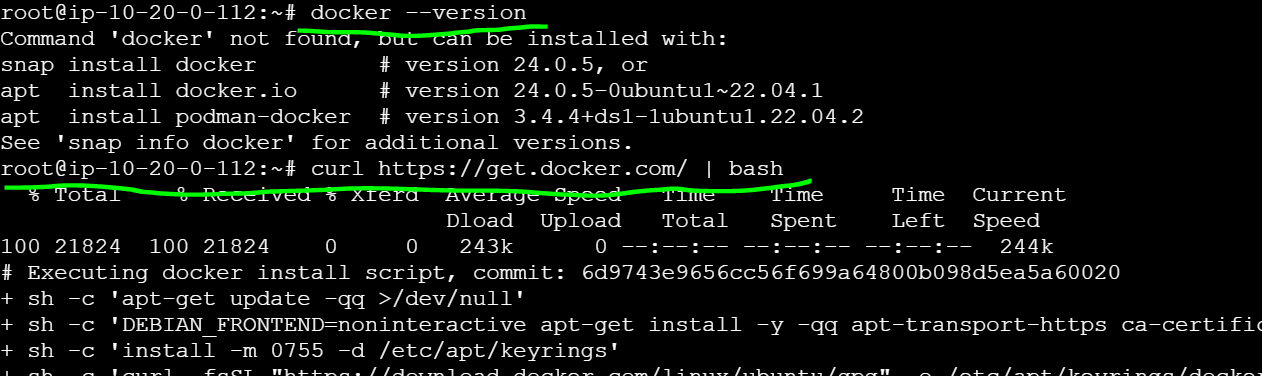
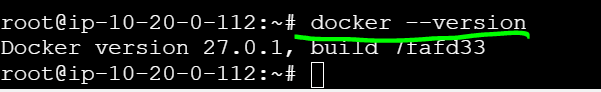
#Install tools

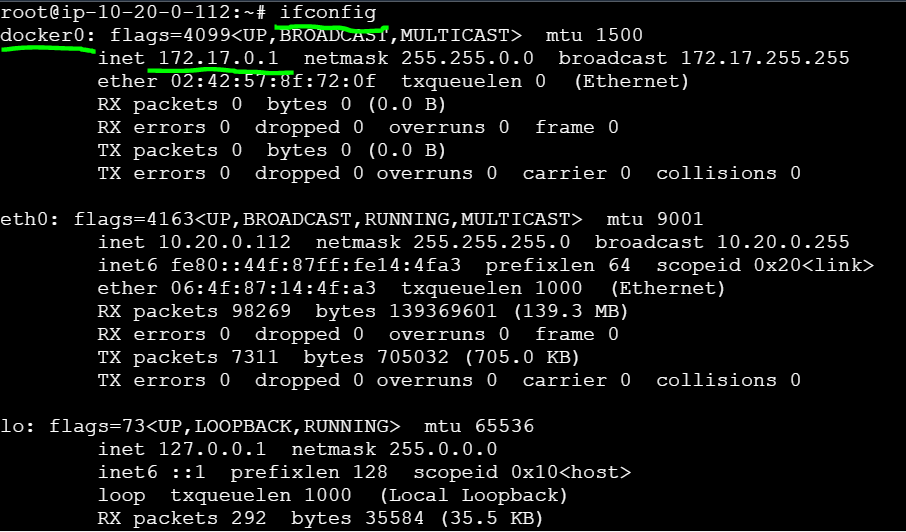
apt update && apt install jq net-tools

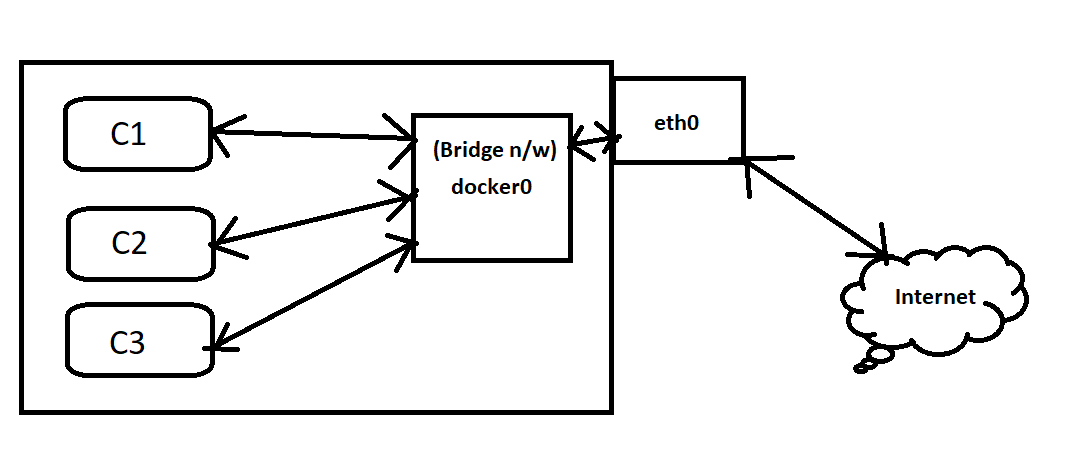
#Docker Installation

curl https://get.docker.com/ |bash

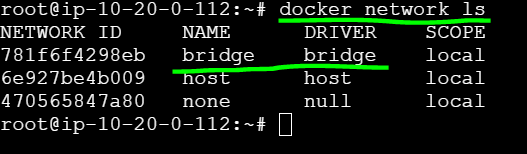


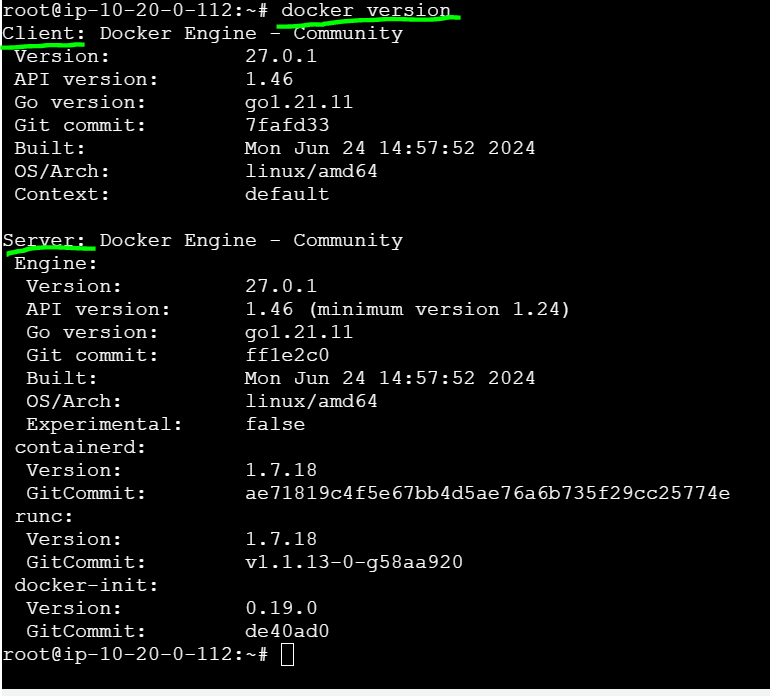


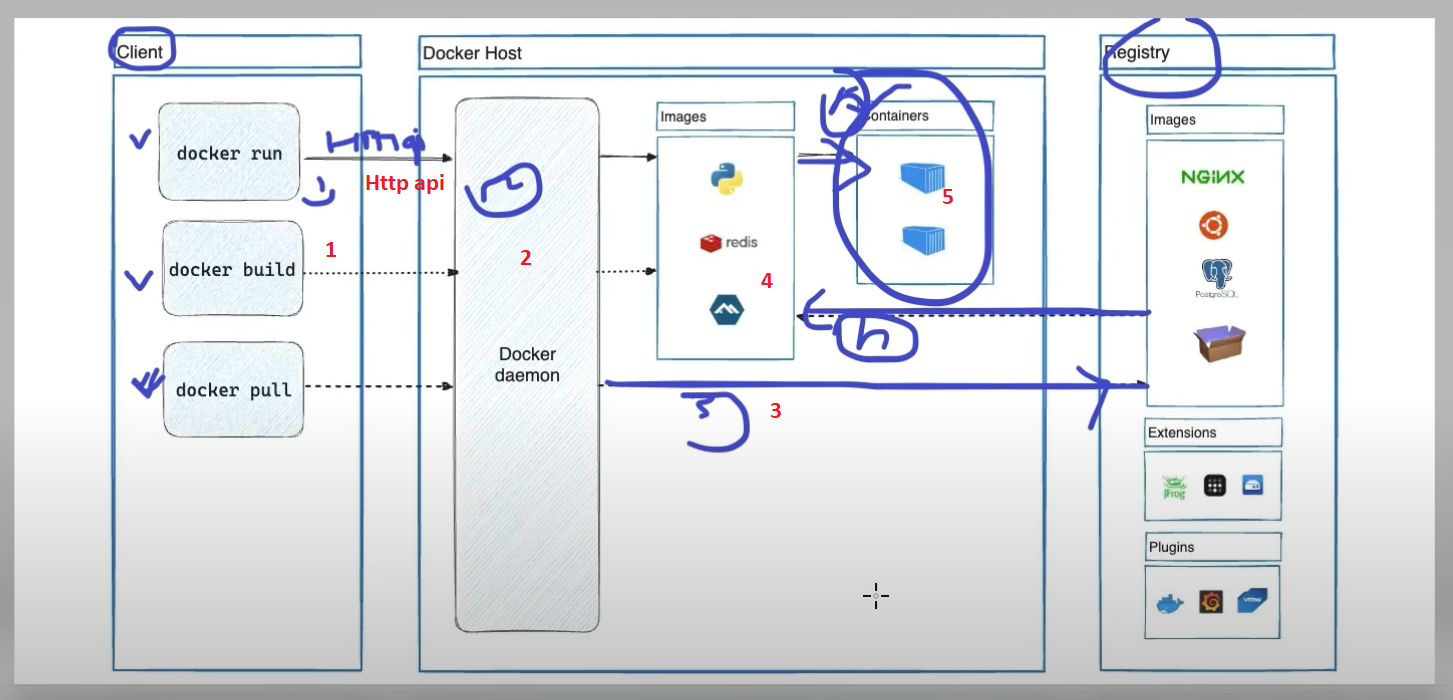




**Docker0 (172.17.0.1) acts as a Bridge N/W between containers & eth0**







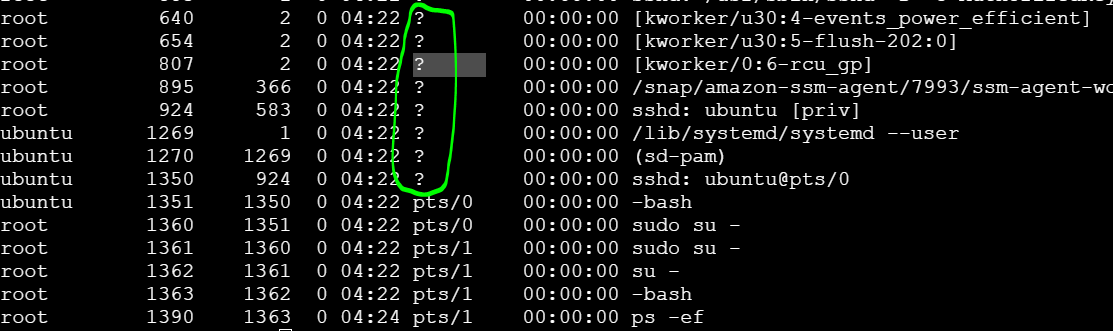
**Process of creating containers**

Docker Run / Build / Pull 🡪 Docker daemon 🡪Registry 🡪 image download 🡪 Container

Docker daemon -- > is a process ( ps -ef you will get the results with ? )

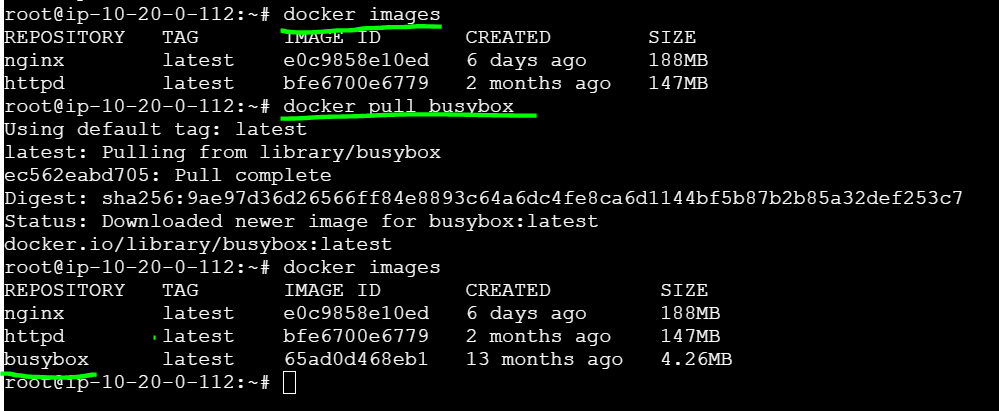
? 🡪 Docker daemon

pts/1 🡪 user



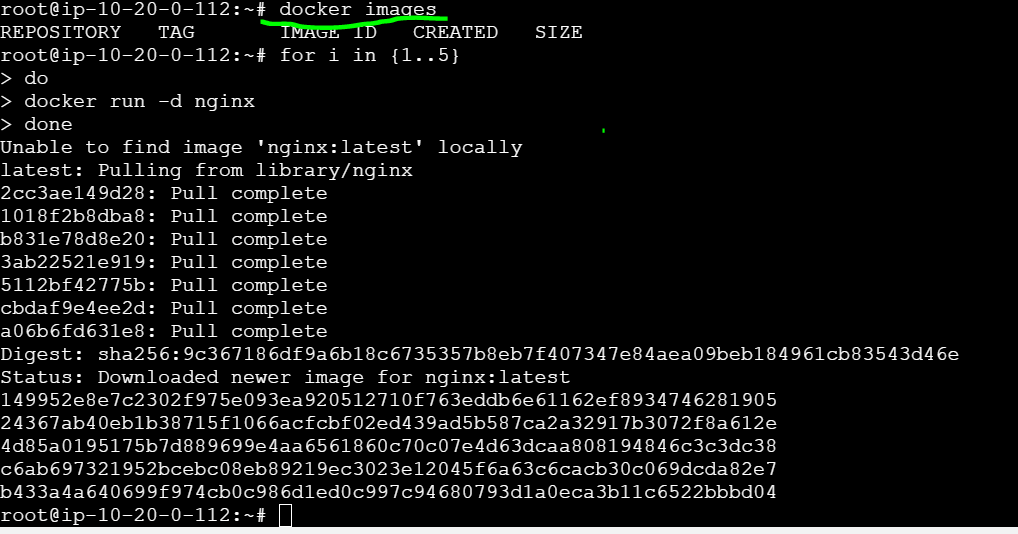
**Downloading images**

Docker pull nginx/busybox/httpd

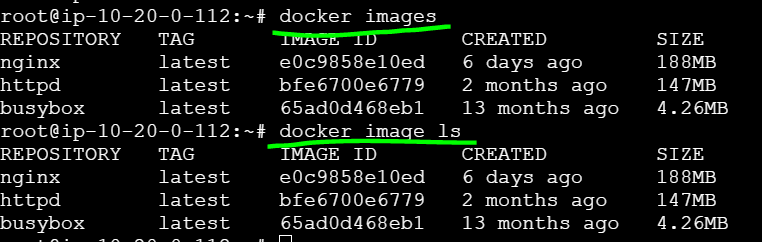


#list available images

docker images



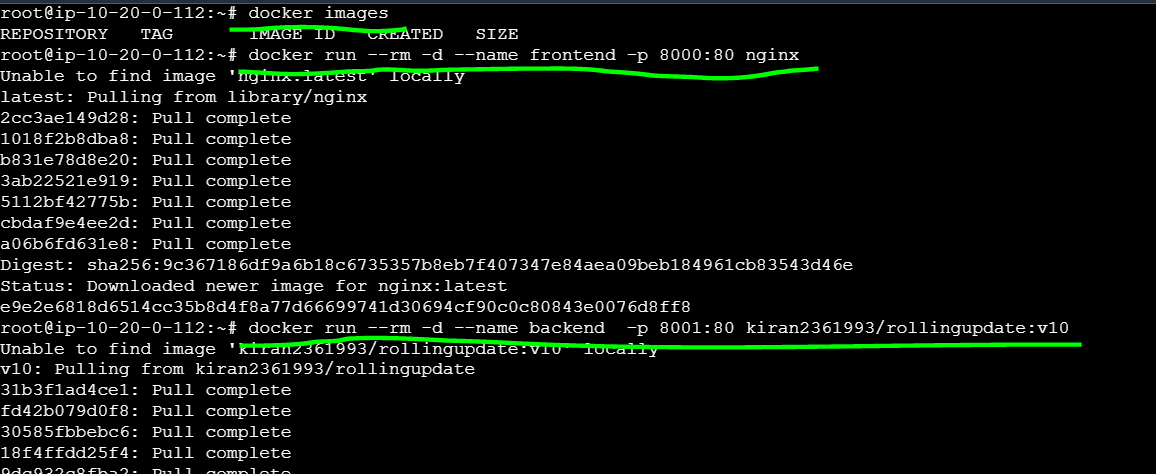


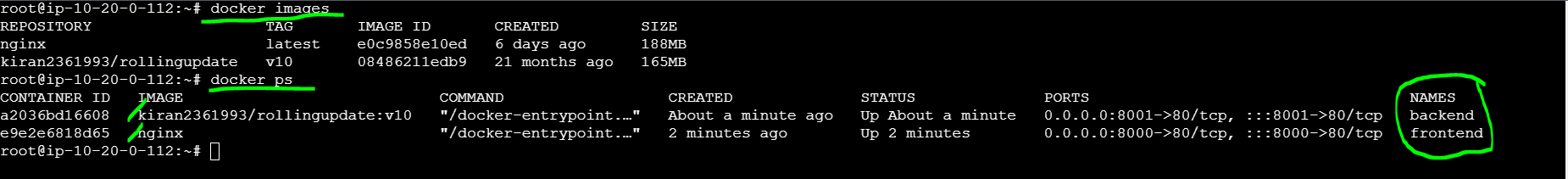


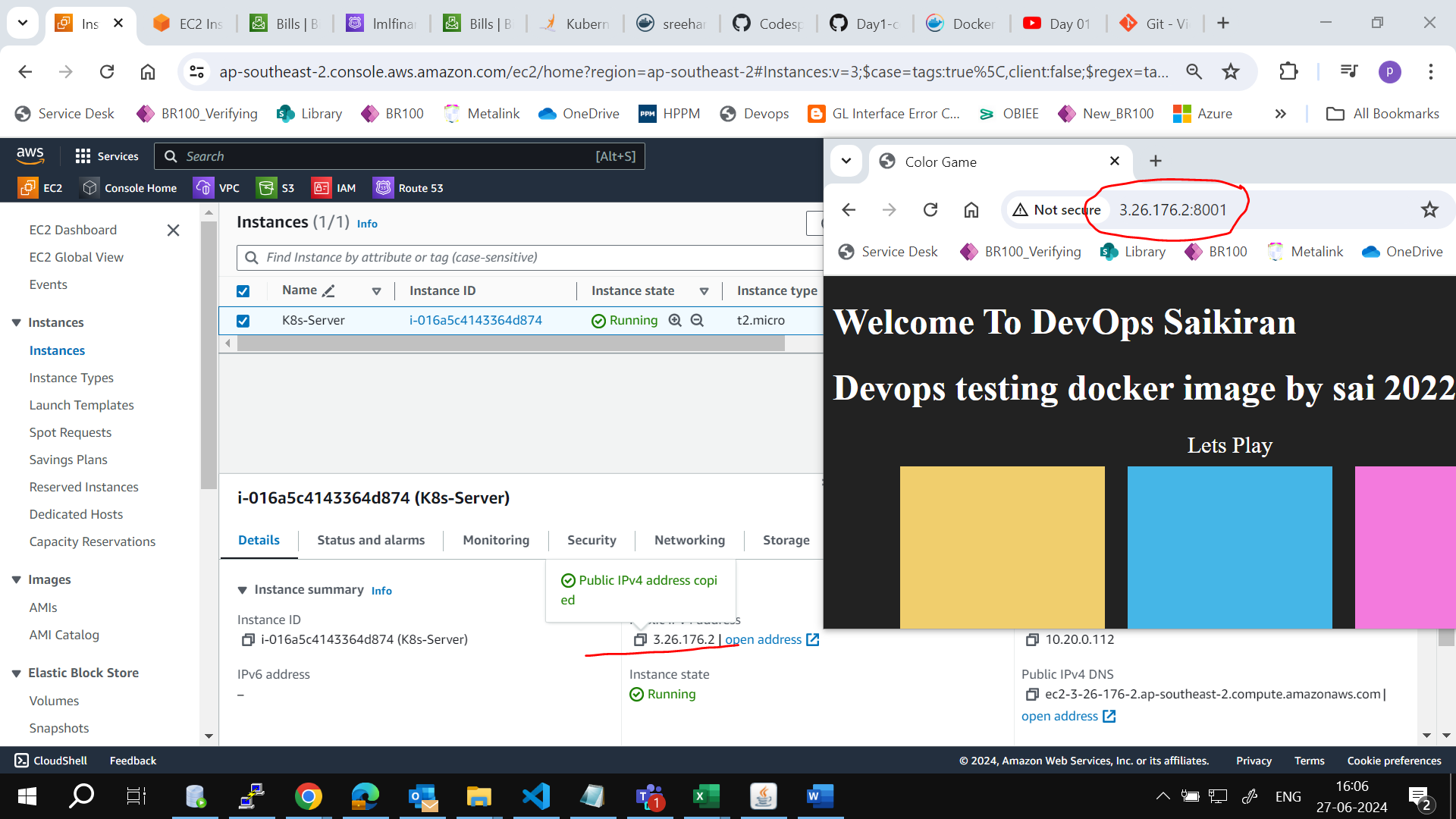
Port-forwarding

docker run --rm -d --name frontend -p 8000:80 nginx

docker run --rm -d --name backend -p 8001:80 kiran2361993/rollingupdate:v10







#containers path

cd /var/lib/docker/containers/

#Once containers are created login to it & get the logs

cd /var/lib/docker/containers/<container\_id>

ll

cat a2036bd1660840fec44567f27d5f53e5b6ae776c2c56d83f150d880af98b1cf6-json.log | jq

cat a2036bd1660840fec44567f27d5f53e5b6ae776c2c56d83f150d880af98b1cf6-json.log | jq > INC01478528.log

