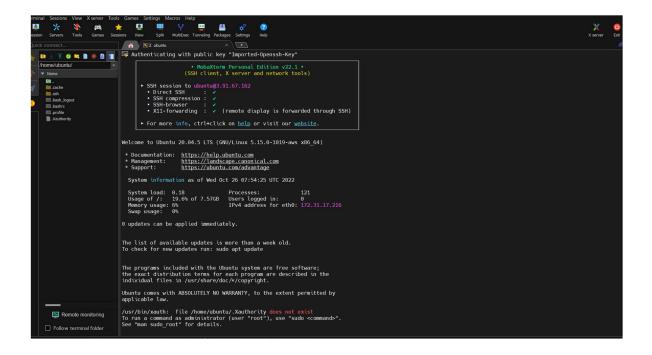
Docker basic commands and Installation through MobaXterm.

⇒ EC2 session started and configured MobaXterm for SSH connection to Ubuntu EC2 instance.

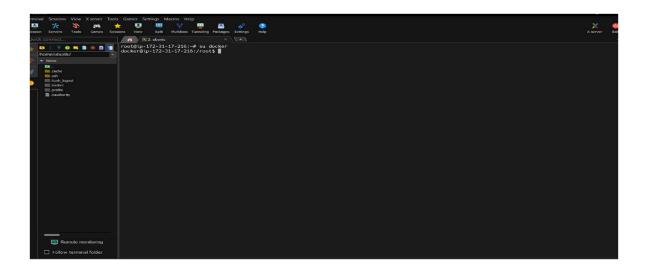


□ Created new rot user docker and giving all the root permissions to docker user.

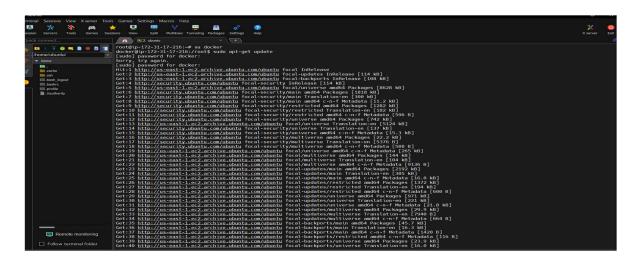
```
many Server Tool Games Serrong Macros Help

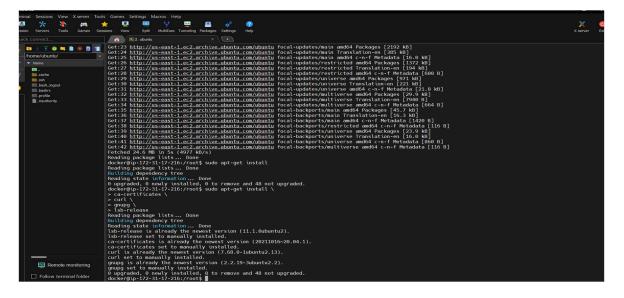
A St about Server Tool Games Server Server
```

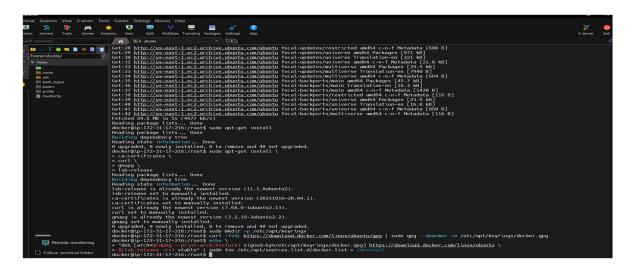
⇒ Login as Docker root user.

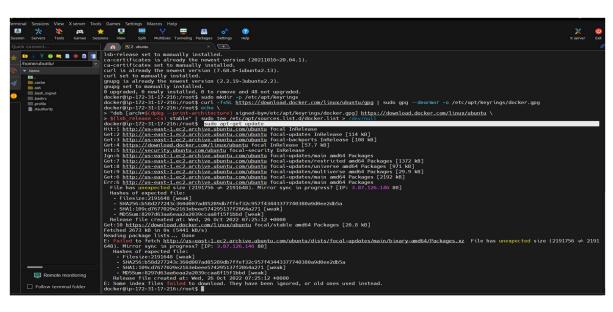


⇒ Configuring the Ubuntu EC2 for Docker.





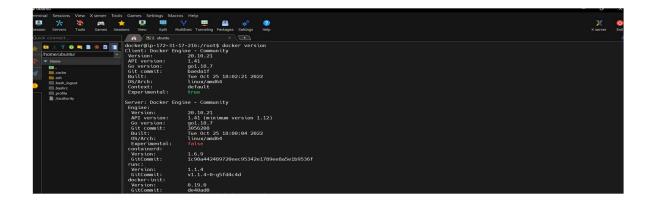




Commands for Docker.

□ Docker version

To see the version of docker client and server including all other details of kernel and OS.



⇒ Docker –versionTo see just the version of Docker.

```
Version: 1.1.4
GitCommit: v1.1.4-0-g5fd4c4d
docker-init:
Version: 0.19.0
GitCommit: de40ad0
docker@init: docker start - a ~ C
docker@init: de40ad0
docker@init: de40ad0
docker@init: de40ad0
docker@init: docker start - a ~ C
docker@init: de40ad0
docker@init: de40
```

⇒ Docker create <image-name>To create a container of some specific image.

```
docker@tp-172-31-37-216:/ront5 docker —version
Docker version 20.10.21, build baedalf
docker@tp-172-31-17-216:/ront5 docker create hello-world
thable to find image 'hello-world:latest' locally
latest: Pulling from Library/hello-world
2db:29/10125e: Pull complete
Digest: Mas26-51865/5066/c1266678a3fbea8b7eb4918bba25968d3e1b9adebfa71caddbc346
Status: Domiloaded newer image for hello-worlds!tatest
85ad6099/2789/eba15b6a02e599467337434cbc6817299def34.09ab166a159
```

⇒ Docker start -a <container-id>

To start running a container pf some specific image and show the attached output of the container.



□ Docker ps

To see the process and running containers.

□ Docker ps -all

To see the all the previous started containers and processes.



□ Docker images

To see all the images that have been pulled from the Docker Hub.



⇒ Docker run <image-name>

This command is combination of docker create and docker start, It will create the container from image and start it as well.

```
docker@ip-172-31-17-216:/root$ docker run redis
labal_lopout
labal_lop
```

- □ Docker stop < container-id >
 To stop a container.
- ⇒ Docker kill <container-id>
 To forcefully stopping the container by killing it same as in task manager.
- □ Docker rmi <image-name>
 To remove an image from local cache.
- ⇒ Docker rmi -f <image-name>
 To forcefully remove an image from local cache on which any container is running.
- ⇒ Docker logout To logout of the docker.