Name: Abdurrahman Qureshi

Roll No: 242466

Practical No: 11

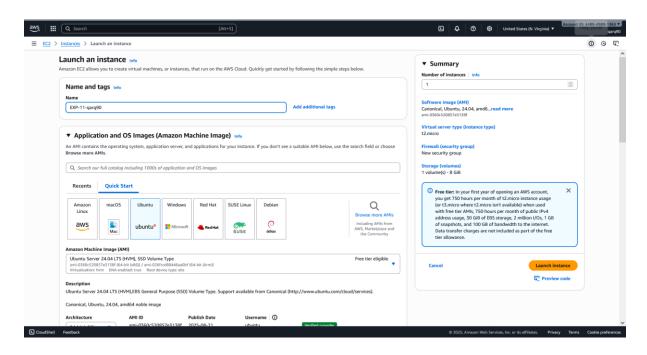
Date Of Performance: 16/09/2025

Aim: Deploying a NGINX Server in a Docker Container and Modifying the index.html from Within the Running Container.

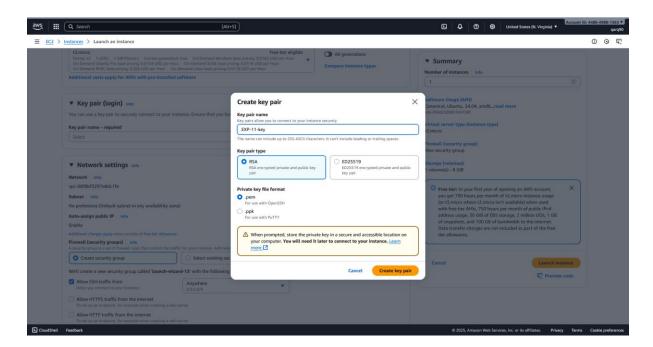
[Install docker on AWS EC2 –Ubuntu by using curl

#curl -fsSL https://get.docker.com -o get-docker.sh

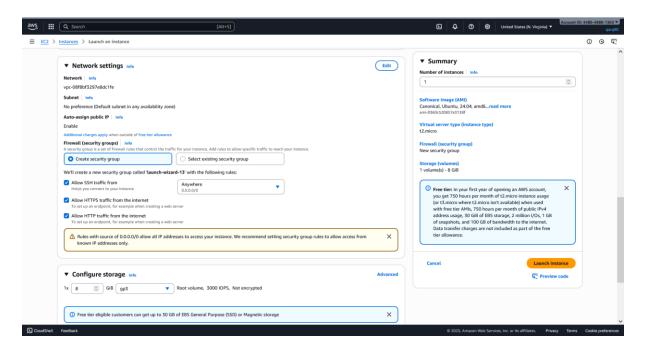
#sh get-docker.sh]



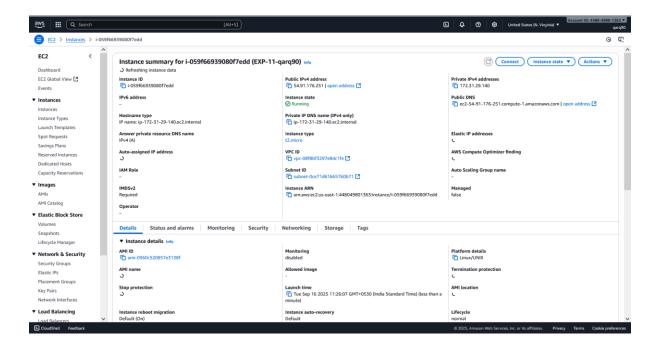
Setting up the EC2 Instance



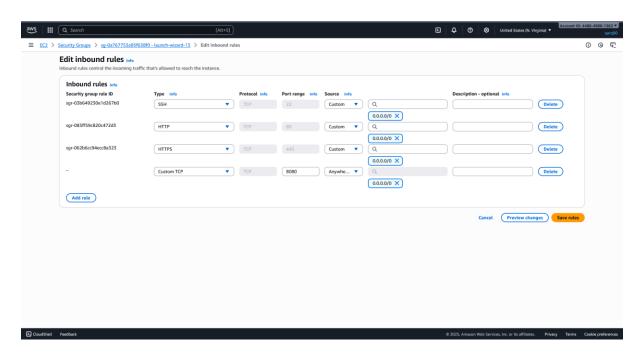
Creating Key Pair



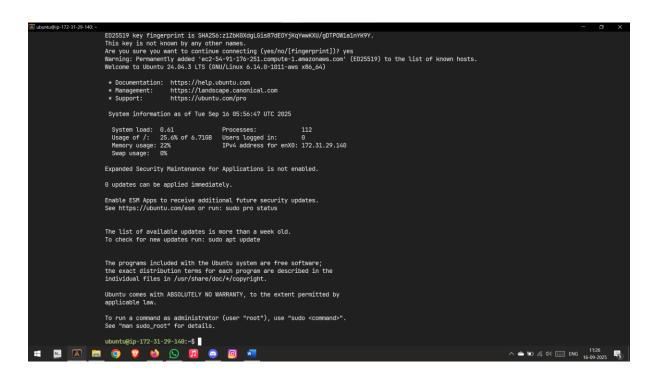
Configuring Network Settings of the Instance



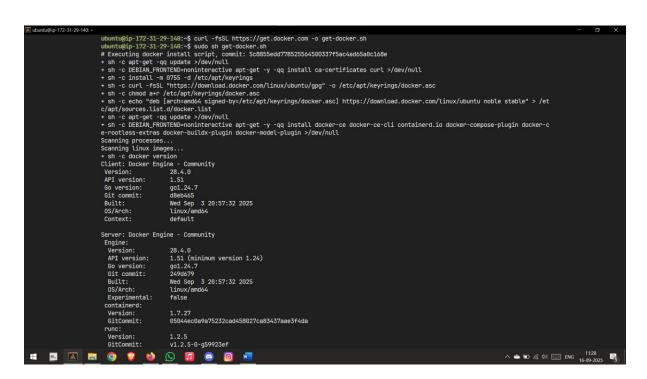
Instance Details



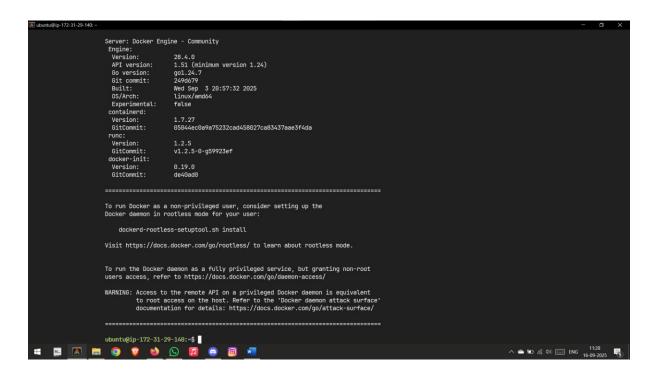
Editing the inbound rules



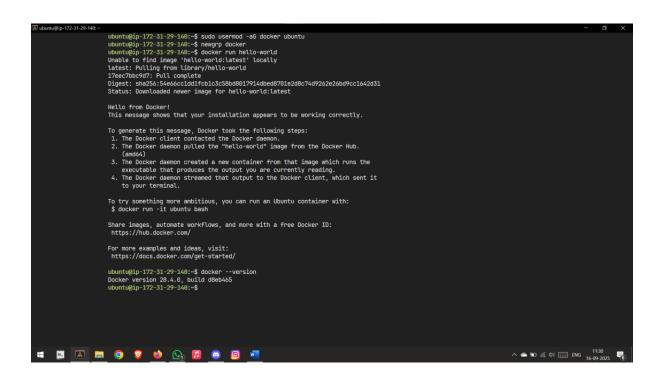
Connected to Instance



Installing Docker



Configuring Docker



Configuration Complete

```
### downtrolley-172-31-29-168:-$ newgryp docker
uborttlegip-172-31-29-168:-$ docker run melto-world
Unable to firing lisage helto-world-latest' locally
independent of lisage helto-world lisage helto-world lisage from lisage helto-world lisage helto-world lisage helto-world lisage from lisage helto-world lisage from the lisage helto-world lisage from the lisage helto-world lisage from the Bocker demon.

To generate this message, Bocker took the following steps:

1. The Bocker cleart contacted the Bocker demon.

2. The Bocker admon put lisage helto-world lisage from the Bocker Hub.

Hits https://somload.docker.com/linux/bount noble-backports InRelease
Hits https://somload.docker.com/linux/bount noble-InRelease
Hits https://somload.docker.com/linux/bount noble-lackports InRelease
Hits http://sowload.docker.com/linux/bount noble-InRelease
Hits http://sowload.docker.com/linux/bount noble-lackports InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
In good package lists... Done
Building dependency tree... Done
Building dependency tree..
```

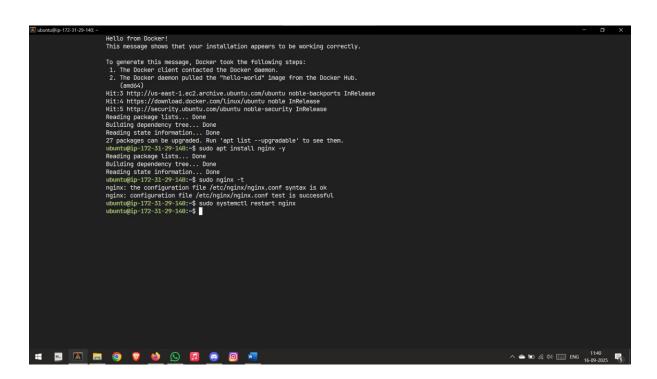
Installing nginx

```
Reading package lists... Done
Reading state information... Bone
Building dependency tree... Done
Building dependency tree... Done
Reading state information... Bone
Building dependency tree... Done
Building state information... Bone
Building state information...
Building state information...
Building state information....
Building state information...
Building state information...
Building state information....
Building state information......
Building state information.............
```

HTML file created

```
### Control of the co
```

Config file to deploy



Nginx Launched



Deployed on 8080