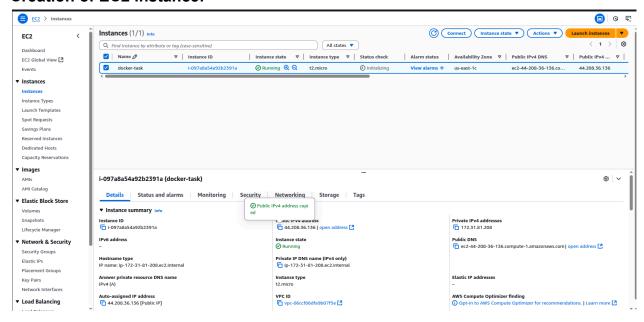
Docker Task

Task Description:

Install docker on EC2 and explore the docker commands (docker images, containers, volumes, network)

Creation of EC2 instance:



Docker installation:

```
ubuntu@ip-172-31-81-208:-$ docker --version
Docker version 27.5.1, build 27.5.1-0ubuntu3-24.04.2
ubuntu@ip-172-31-81-208:-$ docker info
Client:
Version: 27.5.1
Context: default
Debug Mode: false
Server:
ERROR: permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.47/info": dial unix /var/run/docker.sock: connect: permission denied
errors pretty printing info
ubuntu@ip-172-31-81-208:-$
```

Docker images:

```
Ubutub@ip-172-31-81-208:-S sudo docker pull nginx

Ubutug default tag: latest
Latest: Pulling from Library/nginx

Latest: Pulling from Library/nginx

140daff8904: pull complete
96e4776901e: pull complete
96e4776901e: pull complete
401e4839899f: pull complete
401e4839899f: pull complete
401e4839899f: pull complete
109f51319419: pull complete
109f51319419: pull complete
130f5106e4654: pull co
```

Docker containers:

```
Significant from the left of the first of th
```

Docker volumes:

```
webstrver
ubuntumpp-172-31-81-208:-$ sudo docker volume create mydata
mydata
mydata
subuntumpp-172-31-81-208:-$ sudo docker volume ls
BRIVER
VOLUME NAME
local mydata
subuntumpp-172-31-81-208:-$ sudo docker run -d --name voltest -v mydata:/data nginx
r2c33f/237f-64-80-80-80-2734480bb5957e7c913dde55bd7fc1c40fae6a8b8d
ubuntumpp-172-31-81-208:-$
```

Docker networks:

```
ubuntuglp-172-31-81-208:-$ sudo docker network is
NETWORK ID NAME ORIVER SCOPE
98:004770802* hot fidge total
453164022* hot fidge total
45316402* hot fidge total
4
```