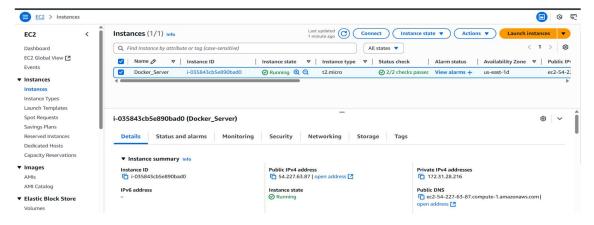
1. Created EC2 instance:

OS: Ubuntu



2. Logging into the server:

```
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".

See "man sudo_root" for details.

ubuntu@ip-172-31-28-216:~$ |

vertical root@ip-172-31-28-216:~# |
```

3. Updating packages:

```
Toot@ip-172-31-28-216:-# apt update

Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble InRelease

Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-packports InRelease [126 kB]

Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]

Get:4 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]

Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Packages [15.0 MB]

Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Packages [15.0 MB]

Get:7 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Components [3871 kB]

Get:8 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [859 kB]

Get:9 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Conformation-en [118 kB]

Get:10 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Components [35.0 Get:13 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Components [35.0 Get:13 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Components [35.0 Get:13 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-multiverse amd64 Components [35.0 Get:13 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main Translation-en [234 of thtp://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main Translation-en [234 of thtp://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [212 8]

Get:13 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 8]

Get:24 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 8]

Get:25 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 8]

Get:26 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Conponents [212 8]

Get:27 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Conponents [212 8]

Get:36 http://us-eas
```

4. Installing Docker on EC2:

```
oot@ip-172-31-28-216:~# apt install docker.io
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
 bridge-utils containerd dns-root-data dnsmasq-base pigz runc ubuntu-fan
Suggested packages:
  ifupdown aufs-tools cgroupfs-mount | cgroup-lite debootstrap docker-buildx docker-compose-v2
docker-doc rinse zfs-fuse | zfsutils
The following NEW packages will be installed:
 bridge-utils containerd dns-root-data dnsmasg-base docker.io pigz runc ubuntu-fan
O upgraded, 8 newly installed, O to remove and 84 not upgraded.
Need to get 78.6 MB of archives.
After this operation, 302 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 pigz amd64 2.8-1 [65.6 |
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /usr/lib/systemd/system/o
ocker.socket.
Processing triggers for dbus (1.14.10-4ubuntu4.1) ...
Processing triggers for man-db (2.12.0-4build2) ...
Scanning processes...
Scanning linux images...
Running kernel seems to be up-to-date.
No services need to be restarted.
No containers need to be restarted.
No user sessions are running outdated binaries.
No VM guests are running outdated hypervisor (qemu) binaries on this host.
root@ip-172-31-28-216:~#
```

5. Checking running status:

```
No VM quests are running outdated hypervisor (qemu) binaries on this host.
 root@ip-172-31-28-216:~# docker --version
 Docker version 26.1.3, build 26.1.3-Oubuntu1~24.04.1
 root@ip-172-31-28-216:~#
  oot@ip-172-31-28-216:~# systemctl status docker.service
 docker.service - Docker Application Container Engine
Loaded: loaded (/usr/lib/systemd/system/docker.service; enabled; preset: enabled)
Active: active (running) since Mon 2025-05-26 05:55:36 UTC; 1min 52s ago
TriggeredBy: docker.socket

Docs: https://docs.docker.com

Main PID: 1997 (dockerd)
             Tasks: 7
          Memory: 62.0M (peak: 62.3M)
                 CPU: 308ms
           CGroup: /system.slice/docker.service
                             └1997 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock
May 26 05:55:35 ip-172-31-28-216 systemd[1]: Starting docker.service - Docker Application Contain May 26 05:55:35 ip-172-31-28-216 dockerd[1997]: time="2025-05-26T05:55:35.591304733Z" level=info May 26 05:55:35 ip-172-31-28-216 dockerd[1997]: time="2025-05-26T05:55:35.592877810Z" level=info May 26 05:55:35 ip-172-31-28-216 dockerd[1997]: time="2025-05-26T05:55:35.82759636Z" level=info May 26 05:55:36 ip-172-31-28-216 dockerd[1997]: time="2025-05-26T05:55:36.162060035Z" level=info May 26 05:55:36 ip-172-31-28-216 dockerd[1997]: time="2025-05-26T05:55:36.204938574Z" level=info May 26 05:55:36 ip-172-31-28-216 dockerd[1997]: time="2025-05-26T05:55:36.205059151Z" level=info May 26 05:55:36 ip-172-31-28-216 dockerd[1997]: time="2025-05-26T05:55:36.259046554Z" level=info May 26 05:55:36 ip-172-31-28-216 systemd[1]: Started docker.service - Docker Application Containe
root@ip-172-31-28-216:~# docker images
REPOSITORY TAG
                                              IMAGE ID
                                                                        CREATED
                                                                                              ST7F
 oot@ip-172-31-28-216:~# docker ps
CONTAINER ID IMAGE
                                                     COMMAND
                                                                         CREATED
                                                                                                STATUS
                                                                                                                      PORTS
                                                                                                                                           NAMES
root@ip-172-31-28-216:~#
```