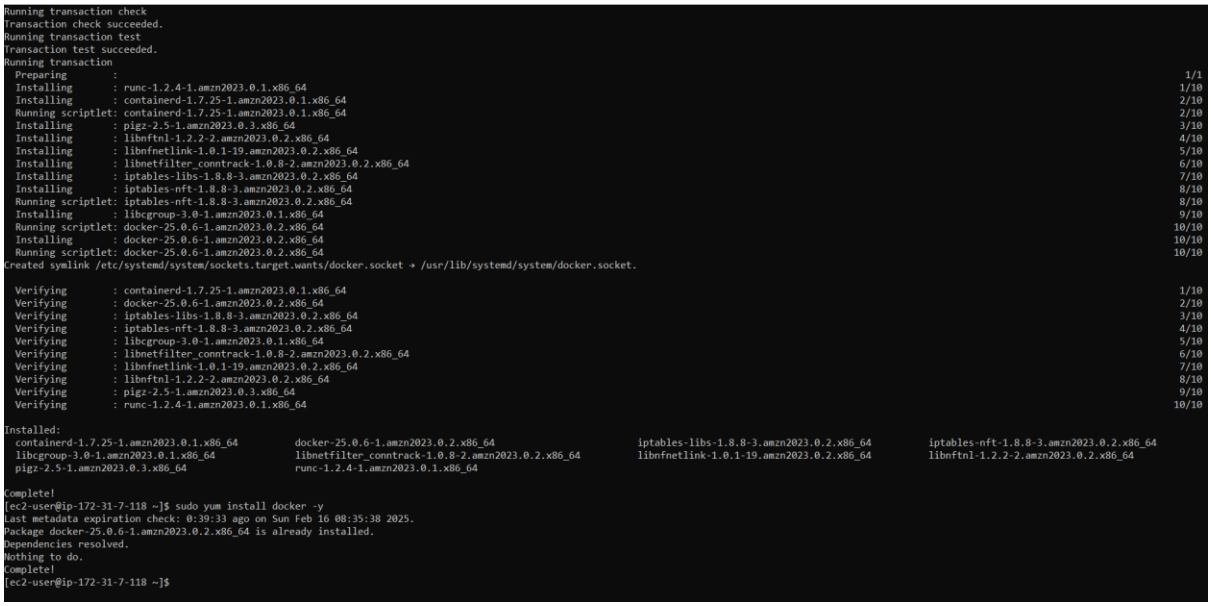
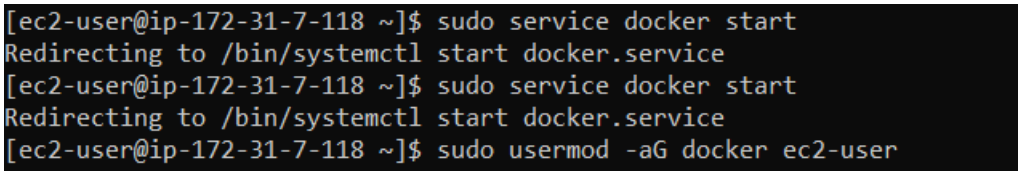
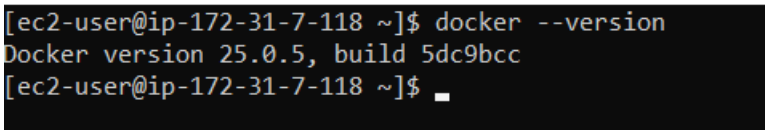
1. Installed Docker.



2. Started Docker Service.



3. Docker is Running.



4. Performed Basic docker commands

```
[ec2-user@ip-172-31-7-118 ~]$ docker images
REPOSITORY   TAG       IMAGE ID   CREATED   SIZE
[ec2-user@ip-172-31-7-118 ~]$ docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS     NAMES
[ec2-user@ip-172-31-7-118 ~]$ docker ps -a
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS     NAMES
[ec2-user@ip-172-31-7-118 ~]$ docker run hello-world
Unable to find image 'hello-world:latest' locally
latest: Pulling from library/hello-world
e6590344b1a5: Pull complete
Digest: sha256:e0b569a5163a5e6be84e210a2587e7d447e08f87a0e90798363fa44a0464a1e8
Status: Downloaded newer image for hello-world:latest

Hello from Docker!
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:
 1. The Docker client contacted the Docker daemon.
 2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
    (amd64)
 3. The Docker daemon created a new container from that image which runs the
    executable that produces the output you are currently reading.
 4. The Docker daemon streamed that output to the Docker client, which sent it
    to your terminal.

To try something more ambitious, you can run an Ubuntu container with:
 $ docker run -it ubuntu bash

Share images, automate workflows, and more with a free Docker ID:
 https://hub.docker.com/

For more examples and ideas, visit:
 https://docs.docker.com/get-started/

[ec2-user@ip-172-31-7-118 ~]$ docker ps -a
CONTAINER ID   IMAGE         COMMAND    CREATED         STATUS                     PORTS     NAMES
098f5a02dd7f   hello-world   "/hello"   9 seconds ago   Exited (0) 8 seconds ago             awesome_sammet
[ec2-user@ip-172-31-7-118 ~]$ docker stop 098f5a02dd7f
098f5a02dd7f
[ec2-user@ip-172-31-7-118 ~]$ docker start 098f5a02dd7f
098f5a02dd7f
[ec2-user@ip-172-31-7-118 ~]$ docker rm 098f5a02dd7f
098f5a02dd7f
[ec2-user@ip-172-31-7-118 ~]$ docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS     NAMES
[ec2-user@ip-172-31-7-118 ~]$ docker ps -a
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS     NAMES
[ec2-user@ip-172-31-7-118 ~]$
```

```
[ec2-user@ip-172-31-7-118 ~]$ docker volume ls
DRIVER    VOLUME NAME
[ec2-user@ip-172-31-7-118 ~]$ docker volume create my_volume
my_volume
[ec2-user@ip-172-31-7-118 ~]$ docker volume inspect my_volume
[
    {
        "CreatedAt": "2025-02-16T09:22:55Z",
        "Driver": "local",
        "Labels": null,
        "Mountpoint": "/var/lib/docker/volumes/my_volume/_data",
        "Name": "my_volume",
        "Options": null,
        "Scope": "local"
    }
]
[ec2-user@ip-172-31-7-118 ~]$ docker volume rm my_volume
my_volume
[ec2-user@ip-172-31-7-118 ~]$ docker network ls
NETWORK ID     NAME      DRIVER    SCOPE
5449d287d10a   bridge    bridge    local
acc3f38134ce   host      host      local
597c89fb19de   none      null      local
[ec2-user@ip-172-31-7-118 ~]$ docker network create my_network
ca618dd9002c8632bec83198c5289aa919e2d9297393b8abf5ae870e647a82c9
[ec2-user@ip-172-31-7-118 ~]$ docker network inspect my_network
[
    {
        "Name": "my_network",
        "Id": "ca618dd9002c8632bec83198c5289aa919e2d9297393b8abf5ae870e647a82c9",
        "Created": "2025-02-16T09:23:22.095309633Z",
        "Scope": "local",
        "Driver": "bridge",
        "EnableIPv6": false,
        "IPAM": {
            "Driver": "default",
            "Options": {},
            "Config": [
                {
                    "Subnet": "172.18.0.0/16",
                    "Gateway": "172.18.0.1"
                }
            ]
        },
        "Internal": false,
        "Attachable": false,
        "Ingress": false,
        "ConfigFrom": {
            "Network": ""
```

```
[ec2-user@ip-172-31-7-118 ~]$ docker stop $(docker ps -q)
"docker stop" requires at least 1 argument.
See 'docker stop --help'.

Usage:  docker stop [OPTIONS] CONTAINER [CONTAINER...]

Stop one or more running containers
[ec2-user@ip-172-31-7-118 ~]$ docker stop $(docker ps -q)
"docker stop" requires at least 1 argument.
See 'docker stop --help'.

Usage:  docker stop [OPTIONS] CONTAINER [CONTAINER...]

Stop one or more running containers
[ec2-user@ip-172-31-7-118 ~]$ docker volume prune
WARNING! This will remove anonymous local volumes not used by at least one container.
Are you sure you want to continue? [y/N] y
Total reclaimed space: 0B
[ec2-user@ip-172-31-7-118 ~]$ docker rmi $(docker images -q)
Untagged: hello-world:latest
Untagged: hello-world@sha256:e0b569a5163a5e6be84e210a2587e7d447e08f87a0e90798363fa44a0464a1e8
Deleted: sha256:74cc54e27dc41bb10dc4b2226072d469509f2f22f1a3ce74f4a59661a1d44602
Deleted: sha256:63a41026379f4391a306242eb0b9f26dc3550d863b7fdbb97d899f6eb89efe72
[ec2-user@ip-172-31-7-118 ~]$
```