

## Changing Username:

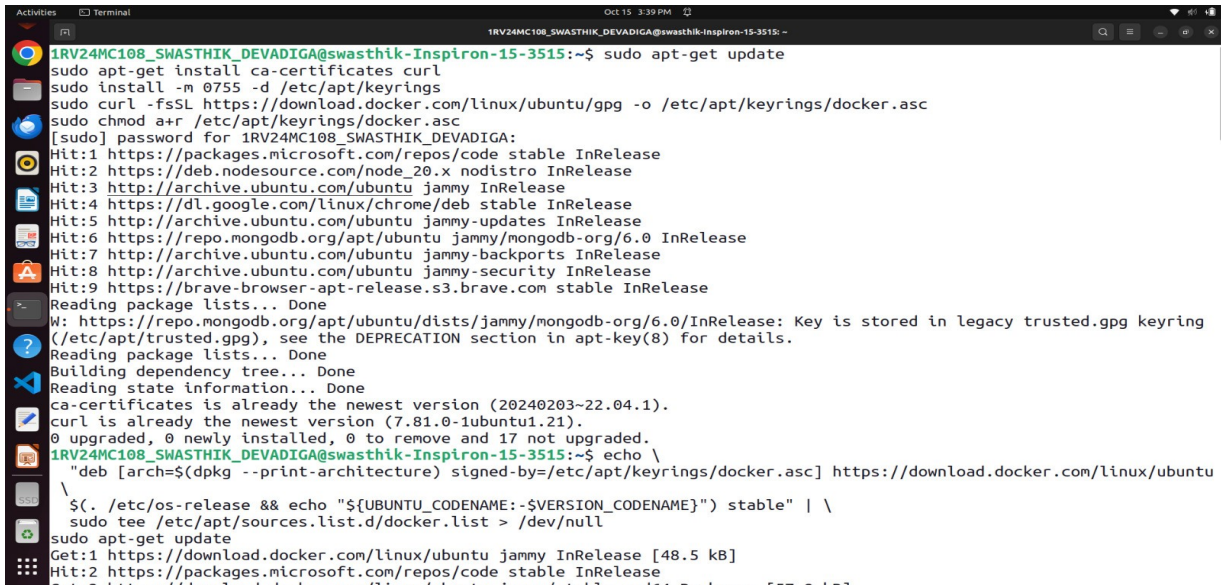
A screenshot of a Linux terminal window. The window title is "Terminal" and the top bar shows "Oct 15 3:24 PM". The terminal prompt is "1RV24MC108\_SWASTHIK\_DEVADIGA@swasthik-Inspiron-15-3515: ~". The user has entered the command "whoami", and the output is "1RV24MC108\_SWASTHIK\_DEVADIGA". The terminal is running on a desktop environment with a sidebar of application icons on the left.

```
1RV24MC108_SWASTHIK_DEVADIGA@swasthik-Inspiron-15-3515:~$ whoami
1RV24MC108_SWASTHIK_DEVADIGA
1RV24MC108_SWASTHIK_DEVADIGA@swasthik-Inspiron-15-3515:~$
```

### Steps :

- 1) create **temp** new user  
`sudo adduser temp`
- 2) give admin to **temp**  
`sudo usermod -aG sudo temp`
- 3) switch the user to **temp**
- 4) kill the process of the original user  
`sudo pkill -u swasthik`
- 5) then change the name to new name  
`sudo usermod -l 1RV24MC108_SWASTHIKDEVADIGA  
-d/home/1RV24MC108_SWASTHIKDEVADIGA -m swasthik`

# Installing Docker :



```
1RV24MC108_SWASTHIK_DEVADIGA@swasthik-Inspiron-15-3515:~$ sudo apt-get update
sudo apt-get install ca-certificates curl
sudo install -m 0755 -d /etc/apt/keyrings
sudo curl -fsSL https://download.docker.com/linux/ubuntu/gpg -o /etc/apt/keyrings/docker.asc
sudo chmod a+r /etc/apt/keyrings/docker.asc
[sudo] password for 1RV24MC108_SWASTHIK_DEVADIGA:
Hit:1 https://packages.microsoft.com/repos/code stable InRelease
Hit:2 https://deb.nodesource.com/node_20.x nodistro InRelease
Hit:3 http://archive.ubuntu.com/ubuntu jammy InRelease
Hit:4 https://dl.google.com/linux/chrome/deb stable InRelease
Hit:5 http://archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:6 https://repo.mongodb.org/apt/ubuntu jammy/mongodb-org/6.0 InRelease
Hit:7 http://archive.ubuntu.com/ubuntu jammy-backports InRelease
Hit:8 http://archive.ubuntu.com/ubuntu jammy-security InRelease
Hit:9 https://brave-browser-apt-release.s3.brave.com stable InRelease
Reading package lists... Done
W: https://repo.mongodb.org/apt/ubuntu/dists/jammy/mongodb-org/6.0/InRelease: Key is stored in legacy trusted.gpg keyring
(/etc/apt/trusted.gpg), see the DEPRECATION section in apt-key(8) for details.
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
ca-certificates is already the newest version (20240203~22.04.1).
curl is already the newest version (7.81.0-1ubuntu1.21).
0 upgraded, 0 newly installed, 0 to remove and 17 not upgraded.
1RV24MC108_SWASTHIK_DEVADIGA@swasthik-Inspiron-15-3515:~$ echo \
"deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.asc] https://download.docker.com/linux/ubuntu
\
${(. /etc/os-release && echo "${UBUNTU_CODENAME:-$VERSION_CODENAME}") stable" | \
sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
sudo apt-get update
Get:1 https://download.docker.com/linux/ubuntu jammy InRelease [48.5 kB]
Hit:2 https://packages.microsoft.com/repos/code stable InRelease
```

## Steps:

1) Add Docker's official GPG key:

```
sudo apt-get update
sudo apt-get install ca-certificates curl
sudo install -m 0755 -d /etc/apt/keyrings
sudo curl -fsSL https://download.docker.com/linux/ubuntu/gpg -o
/etc/apt/keyrings/docker.asc
sudo chmod a+r /etc/apt/keyrings/docker.asc
```

2) Add the repository to Apt sources:

```
echo \
"deb [arch=$(dpkg --print-architecture)
signed-by=/etc/apt/keyrings/docker.asc]
https://download.docker.com/linux/ubuntu \
${(. /etc/os-release && echo "${UBUNTU_CODENAME:-
$VERSION_CODENAME}") stable" | \
sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
sudo apt-get update
```

```
Activities Terminal Oct 15 3:39 PM
ca-certificates is already the newest version
curl is already the newest version (7.81.0-1ubuntu1.21).
0 upgraded, 0 newly installed, 0 to remove and 17 not upgraded.
1RV24MC108_SWASTHIK_DEVADIGA@swasthik-Inspiron-15-3515:~$ echo \
"deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.asc] https://download.docker.com/linux/ubuntu
\
${. /etc/os-release && echo "${UBUNTU_CODENAME:-$VERSION_CODENAME}" } stable" | \
sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
sudo apt-get update
Get:1 https://download.docker.com/linux/ubuntu jammy InRelease [48.5 kB]
Hit:2 https://packages.microsoft.com/repos/code stable InRelease
Get:3 https://download.docker.com/linux/ubuntu jammy/stable amd64 Packages [57.8 kB]
Hit:4 https://dl.google.com/linux/chrome/deb stable InRelease
Hit:5 http://archive.ubuntu.com/ubuntu jammy InRelease
Hit:6 http://archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:7 http://archive.ubuntu.com/ubuntu jammy-backports InRelease
Hit:8 http://archive.ubuntu.com/ubuntu jammy-security InRelease
Hit:9 https://brave-browser-apt-release.s3.brave.com stable InRelease
Hit:10 https://deb.nodesource.com/node_20.x nodistro InRelease
Hit:11 https://repo.mongodb.org/apt/ubuntu jammy/mongodb-org/6.0 InRelease
Fetched 106 kB in 4s (27.7 kB/s)
Reading package lists... Done
W: https://repo.mongodb.org/apt/ubuntu/dists/jammy/mongodb-org/6.0/InRelease: Key is stored in legacy trusted.gpg keyring
(/etc/apt/trusted.gpg), see the DEPRECATION section in apt-key(8) for details.
1RV24MC108_SWASTHIK_DEVADIGA@swasthik-Inspiron-15-3515:~$ echo \
"deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.asc] https://download.docker.com/linux/ubuntu
\
${. /etc/os-release && echo "${UBUNTU_CODENAME:-$VERSION_CODENAME}" } stable" | \
sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
sudo apt-get updatesudo apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-pluginj
ocsi^C
1RV24MC108_SWASTHIK_DEVADIGA@swasthik-Inspiron-15-3515:~$ sudo apt-get install docker-ce docker-ce-cli containerd.io docke
r-buildx-plugin docker-compose-plugin
```

3)To install the latest version, run:

**Run this command to install:**

`sudo apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin  
docker-compose-plugin`

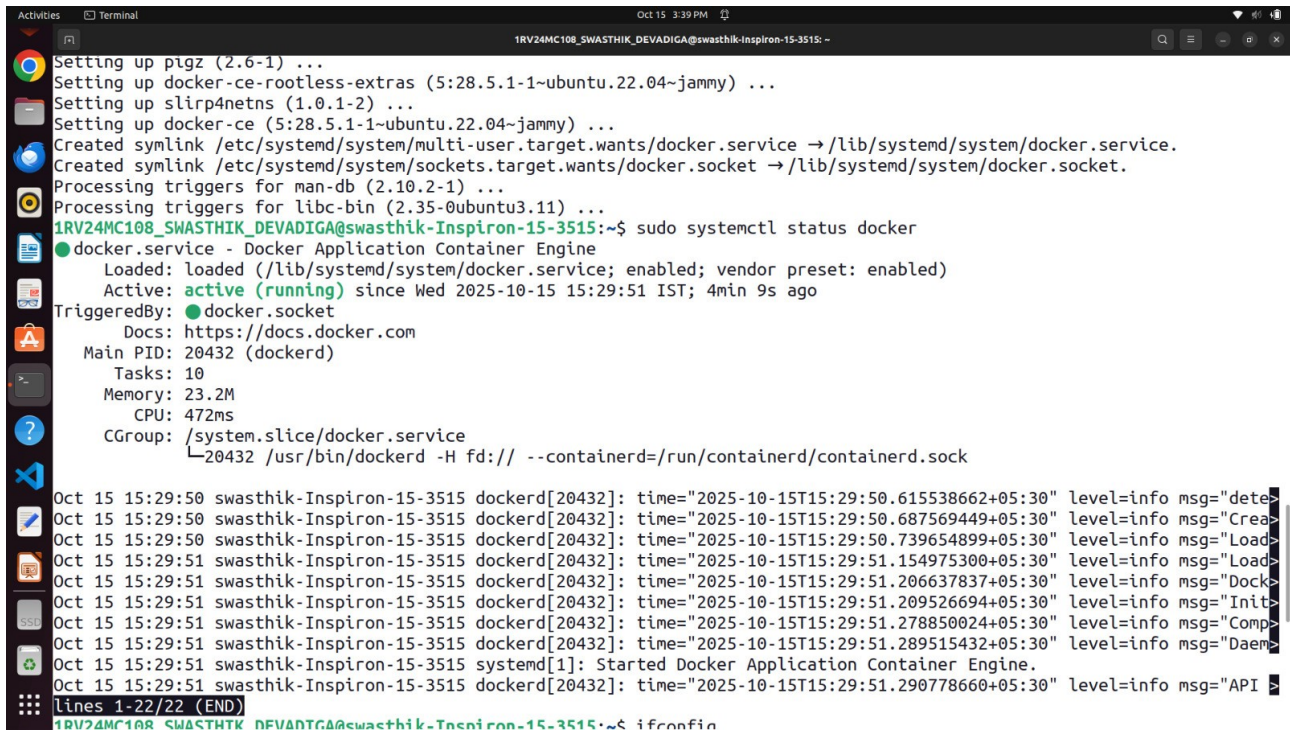
```
Activities Terminal Oct 15 3:39 PM
1RV24MC108_SWASTHIK_DEVADIGA@swasthik-Inspiron-15-3515: ~
1RV24MC108_SWASTHIK_DEVADIGA@swasthik-Inspiron-15-3515:~$ sudo apt-get install docker-ce docker-ce-cli containerd.io docke
r-buildx-plugin docker-compose-plugin
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  docker-ce-rootless-extras libslirp0 pigz slirp4netns
Suggested packages:
  cgroupfs-mount | cgroup-lite docker-model-plugin
The following NEW packages will be installed:
  containerd.io docker-buildx-plugin docker-ce docker-ce-cli docker-ce-rootless-extras docker-compose-plugin libslirp0
  pigz slirp4netns
0 upgraded, 9 newly installed, 0 to remove and 17 not upgraded.
Need to get 105 MB of archives.
After this operation, 437 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 https://download.docker.com/linux/ubuntu jammy/stable amd64 containerd.io amd64 1.7.28-1~ubuntu.22.04~jammy [31.9 MB]
Get:2 http://archive.ubuntu.com/ubuntu jammy/universe amd64 pigz amd64 2.6-1 [63.6 kB]
Get:3 http://archive.ubuntu.com/ubuntu jammy/main amd64 libslirp0 amd64 4.6.1-1build1 [61.5 kB]
Get:4 http://archive.ubuntu.com/ubuntu jammy/universe amd64 slirp4netns amd64 1.0.1-2 [28.2 kB]
Get:5 https://download.docker.com/linux/ubuntu jammy/stable amd64 docker-ce-cli amd64 5:28.5.1-1~ubuntu.22.04~jammy [16.5
MB]
Get:6 https://download.docker.com/linux/ubuntu jammy/stable amd64 docker-ce amd64 5:28.5.1-1~ubuntu.22.04~jammy [19.7 MB]
Get:7 https://download.docker.com/linux/ubuntu jammy/stable amd64 docker-buildx-plugin amd64 0.29.1-1~ubuntu.22.04~jammy [
15.9 MB]
Get:8 https://download.docker.com/linux/ubuntu jammy/stable amd64 docker-ce-rootless-extras amd64 5:28.5.1-1~ubuntu.22.04~
jammy [6,482 kB]
Get:9 https://download.docker.com/linux/ubuntu jammy/stable amd64 docker-compose-plugin amd64 2.40.0-1~ubuntu.22.04~jammy
[14.2 MB]
Fetched 105 MB in 51s (2,051 kB/s)
Selecting previously unselected package containerd.io.
```

4) Check the status of docker to confirm

Run this Command :

```
sudo systemctl status docker
```

It shows Active as running

A terminal window showing the installation of Docker on Ubuntu 22.04. The user runs a series of commands to install dependencies (pigz, docker-ce-rootless-extras, slirp4netns) and Docker itself. Then, they run 'sudo systemctl status docker' which shows the service is active (running). Below this, there is a log of Docker daemon startup messages from journalctl, showing the containerd socket being created and the Docker daemon starting successfully.

```
Setting up pigz (2.6-1) ...
Setting up docker-ce-rootless-extras (5:28.5.1-1~ubuntu.22.04~jammy) ...
Setting up slirp4netns (1.0.1-2) ...
Setting up docker-ce (5:28.5.1-1~ubuntu.22.04~jammy) ...
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /lib/systemd/system/docker.service.
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /lib/systemd/system/docker.socket.
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for libc-bin (2.35-0ubuntu3.11) ...
1RV24MC108_SWASTHIK_DEVADIGA@swasthik-Inspiron-15-3515:~$ sudo systemctl status docker
● docker.service - Docker Application Container Engine
   Loaded: loaded (/lib/systemd/system/docker.service; enabled; vendor preset: enabled)
   Active: active (running) since Wed 2025-10-15 15:29:51 IST; 4min 9s ago
     TriggeredBy: ● docker.socket
       Docs: https://docs.docker.com
      Main PID: 20432 (dockerd)
         Tasks: 10
        Memory: 23.2M
           CPU: 472ms
        CGroup: /system.slice/docker.service
               └─20432 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock

Oct 15 15:29:50 swasthik-Inspiron-15-3515 dockerd[20432]: time="2025-10-15T15:29:50.615538662+05:30" level=info msg="detec>
Oct 15 15:29:50 swasthik-Inspiron-15-3515 dockerd[20432]: time="2025-10-15T15:29:50.687569449+05:30" level=info msg="Crea>
Oct 15 15:29:50 swasthik-Inspiron-15-3515 dockerd[20432]: time="2025-10-15T15:29:50.739654899+05:30" level=info msg="Load>
Oct 15 15:29:51 swasthik-Inspiron-15-3515 dockerd[20432]: time="2025-10-15T15:29:51.154975300+05:30" level=info msg="Load>
Oct 15 15:29:51 swasthik-Inspiron-15-3515 dockerd[20432]: time="2025-10-15T15:29:51.206637837+05:30" level=info msg="Dock>
Oct 15 15:29:51 swasthik-Inspiron-15-3515 dockerd[20432]: time="2025-10-15T15:29:51.209526694+05:30" level=info msg="Init>
Oct 15 15:29:51 swasthik-Inspiron-15-3515 dockerd[20432]: time="2025-10-15T15:29:51.278850024+05:30" level=info msg="Comp>
Oct 15 15:29:51 swasthik-Inspiron-15-3515 dockerd[20432]: time="2025-10-15T15:29:51.289515432+05:30" level=info msg="Daem>
Oct 15 15:29:51 swasthik-Inspiron-15-3515 systemd[1]: Started Docker Application Container Engine.
Oct 15 15:29:51 swasthik-Inspiron-15-3515 dockerd[20432]: time="2025-10-15T15:29:51.290778660+05:30" level=info msg="API >
lines 1-22/22 (END)
1RV24MC108_SWASTHIK_DEVADIGA@swasthik-Inspiron-15-3515:~$ ifconfig
```