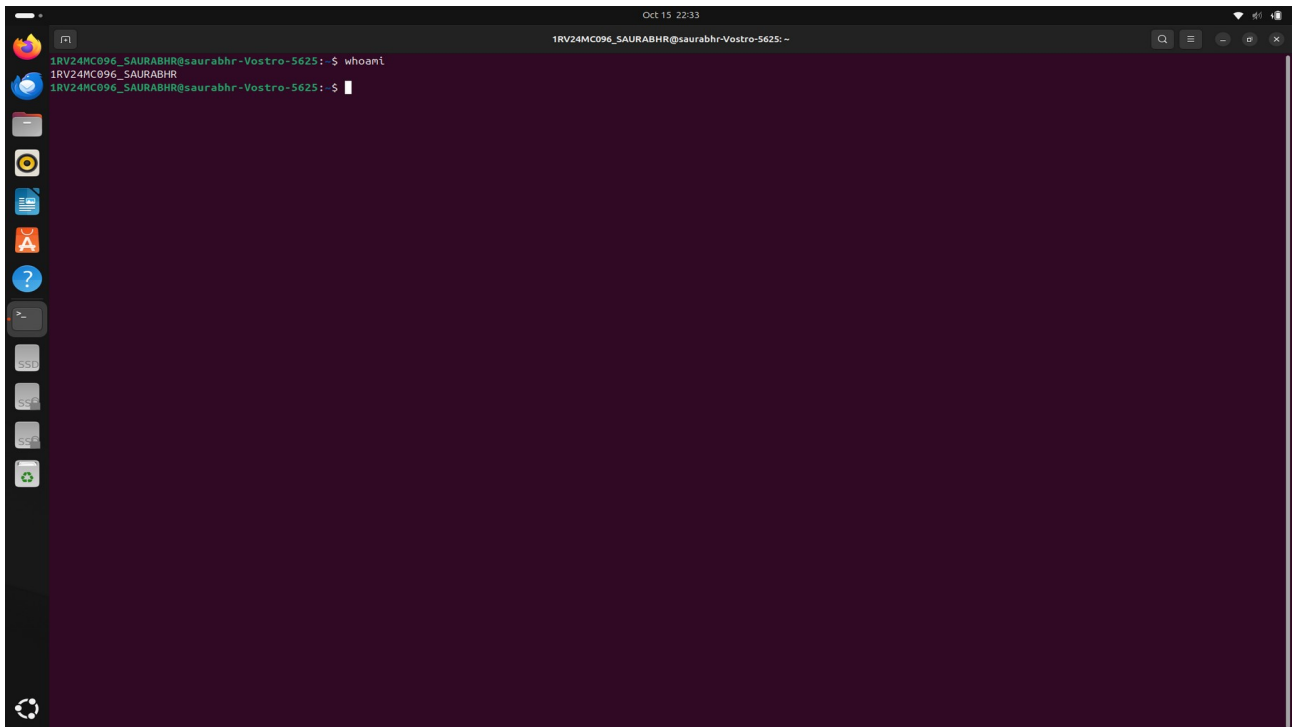


Changing Username:



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 saurabhr`
- 5) then change the name to new name
`sudo usermod -l 1RV24MC096_SAURABHR
-d/home/1RV24MC096_SAURABHR -m saurabhr`

Installing Docker :

```
1RV24MC096_SAURABHR@saurabhr-Vostro-5625:~$ sudo apt update
Hit:1 https://packages.microsoft.com/repos/code stable InRelease
Hit:2 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:3 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:4 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:5 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
3 packages can be upgraded. Run 'apt list --upgradable' to see them.
1RV24MC096_SAURABHR@saurabhr-Vostro-5625:~$ sudo apt install \
    ca-certificates \
    curl \
    gnupg \
    lsb-release
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
ca-certificates is already the newest version (20240203).
curl is already the newest version (8.5.0-2ubuntu10.6).
gnupg is already the newest version (2.4.4-2ubuntu17.3).
gnupg set to manually installed.
lsb-release is already the newest version (12.0-2).
lsb-release set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 3 not upgraded.
1RV24MC096_SAURABHR@saurabhr-Vostro-5625:~$ sudo mkdir -p /etc/apt/keyrings
curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg
1RV24MC096_SAURABHR@saurabhr-Vostro-5625:~$ echo \
    "deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.gpg] \
    https://download.docker.com/linux/ubuntu \
    $(lsb_release -cs) stable" | \
    sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
1RV24MC096_SAURABHR@saurabhr-Vostro-5625:~$ sudo apt update
Get:1 https://download.docker.com/linux/ubuntu noble InRelease [48.5 kB]
Get:2 https://download.docker.com/linux/ubuntu noble/stable amd64 Packages [33.0 kB]
Hit:3 https://packages.microsoft.com/repos/code stable InRelease
Hit:4 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:5 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:6 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:7 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Fetched 81.5 kB in 3s (32.2 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
3 packages can be upgraded. Run 'apt list --upgradable' to see them.
```

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
```

```
1RV24MC096_SAURABHR@saurabhr-Vostro-5625: ~$ sudo apt update
Hit:1 http://packages.microsoft.com/repos/code stable InRelease
Hit:2 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:3 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:4 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:5 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
3 packages can be upgraded. Run 'apt list --upgradable' to see them.
1RV24MC096_SAURABHR@saurabhr-Vostro-5625: ~$ sudo apt install \
ca-certificates \
curl \
gnupg \
lsb-release
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
ca-certificates is already the newest version (20240203).
curl is already the newest version (8.5.0-2ubuntu10.6).
gnupg is already the newest version (2.4.4-2ubuntu7.3).
gnupg set to manually installed.
lsb-release is already the newest version (12.0-2).
lsb-release set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 3 not upgraded.
1RV24MC096_SAURABHR@saurabhr-Vostro-5625: ~$ sudo mkdir -p /etc/apt/keyrings
curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg
1RV24MC096_SAURABHR@saurabhr-Vostro-5625: ~$ echo \
"deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.gpg] \
https://download.docker.com/linux/ubuntu \
$(lsb_release -cs) stable" | \
sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
1RV24MC096_SAURABHR@saurabhr-Vostro-5625: ~$ sudo apt update
Get:1 https://download.docker.com/linux/ubuntu noble InRelease [48.5 kB]
Get:2 https://download.docker.com/linux/ubuntu noble/stable amd64 Packages [33.0 kB]
Hit:3 https://packages.microsoft.com/repos/code stable InRelease
Hit:4 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:5 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:6 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:7 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Fetched 81.5 kB in 3s (32.2 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
3 packages can be upgraded. Run 'apt list --upgradable' to see them.
1RV24MC096_SAURABHR@saurabhr-Vostro-5625: ~$ sudo apt install docker-ce docker-ce-cli containerd.io docker-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
```

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

```
1RV24MC096_SAURABHR@saurabhr-Vostro-5625: ~$ sudo apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin
Get:1 https://download.docker.com/linux/ubuntu noble/stable amd64 docker-ce-cli amd64 5:28.5.1-1-ubuntu.24.04-noble [16.5 MB]
Get:2 https://download.docker.com/linux/ubuntu noble/stable amd64 docker-ce amd64 5:28.5.1-1-ubuntu.24.04-noble [19.7 MB]
Get:3 https://download.docker.com/linux/ubuntu noble/stable amd64 docker-buildx-plugin amd64 0.29.1-1-ubuntu.24.04-noble [15.9 MB]
Get:4 https://download.docker.com/linux/ubuntu noble/stable amd64 docker-ce-rootless-extras amd64 5:28.5.1-1-ubuntu.24.04-noble [6.481 kB]
Get:5 https://download.docker.com/linux/ubuntu noble/stable amd64 docker-compose-plugin amd64 2.40.0-1-ubuntu.24.04-noble [14.2 MB]
Fetched 105 MB in 2min 31s (695 kB/s)
Selecting previously unselected package containerd.io.
(Reading database ... 255733 files and directories currently installed.)
Preparing to unpack .../0-containerd.io_1.7.28-1-ubuntu.24.04-noble_amd64.deb ...
Unpacking containerd.io (1.7.28-1-ubuntu.24.04-noble) ...
Selecting previously unselected package docker-ce-cli.
Preparing to unpack .../1-docker-ce-cli_5%3a28.5.1-1-ubuntu.24.04-noble_amd64.deb ...
Unpacking docker-ce-cli (5:28.5.1-1-ubuntu.24.04-noble) ...
Selecting previously unselected package docker-ce.
Preparing to unpack .../2-docker-ce_5%3a28.5.1-1-ubuntu.24.04-noble_amd64.deb ...
Unpacking docker-ce (5:28.5.1-1-ubuntu.24.04-noble) ...
Selecting previously unselected package pigz.
Preparing to unpack .../3-pigz_2.8-1_amd64.deb ...
Unpacking pigz (2.8-1) ...
Selecting previously unselected package docker-buildx-plugin.
Preparing to unpack .../4-docker-buildx-plugin_0.29.1-1-ubuntu.24.04-noble_amd64.deb ...
Unpacking docker-buildx-plugin (0.29.1-1-ubuntu.24.04-noble) ...
Selecting previously unselected package docker-ce-rootless-extras.
Preparing to unpack .../5-docker-ce-rootless-extras_5%3a28.5.1-1-ubuntu.24.04-noble_amd64.deb ...
Unpacking docker-ce-rootless-extras (5:28.5.1-1-ubuntu.24.04-noble) ...
Selecting previously unselected package docker-compose-plugin.
Preparing to unpack .../6-docker-compose-plugin_2.40.0-1-ubuntu.24.04-noble_amd64.deb ...
Unpacking docker-compose-plugin (2.40.0-1-ubuntu.24.04-noble) ...
Selecting previously unselected package libslirp0:amd64.
Preparing to unpack .../7-libslirp0_4.7.0-1ubuntu3_amd64.deb ...
Unpacking libslirp0:amd64 (4.7.0-1ubuntu3) ...
Selecting previously unselected package slirp4netns.
Preparing to unpack .../8-slirp4netns_1.2.1-1build2_amd64.deb ...
Unpacking slirp4netns (1.2.1-1build2) ...
Setting up docker-buildx-plugin (0.29.1-1-ubuntu.24.04-noble) ...
Setting up containerd.io (1.7.28-1-ubuntu.24.04-noble) ...
Created symlink /etc/systemd/system/multi-user.target.wants/containerd.service → /usr/lib/systemd/system/containerd.service.
Setting up docker-compose-plugin (2.40.0-1-ubuntu.24.04-noble) ...
Setting up docker-ce-cli (5:28.5.1-1-ubuntu.24.04-noble) ...
Setting up libslirp0:amd64 (4.7.0-1ubuntu3) ...
Setting up pigz (2.8-1) ...
Setting up docker-ce-rootless-extras (5:28.5.1-1-ubuntu.24.04-noble) ...
Setting up slirp4netns (1.2.1-1build2) ...
Setting up docker-ce (5:28.5.1-1-ubuntu.24.04-noble) ...
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /usr/lib/systemd/system/docker.service.
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /usr/lib/systemd/system/docker.socket.
Processing triggers for man-db (2.12.0-4build2) ...
Processing triggers for libc-bin (2.39-0ubuntu8.6) ...
1RV24MC096_SAURABHR@saurabhr-Vostro-5625: ~$ sudo usermod -aG docker $USER
1RV24MC096_SAURABHR@saurabhr-Vostro-5625: ~$ docker --version
Docker version 28.5.1, build e180ab8
```

4) Check the status of docker to confirm

Run this Command :

`sudo systemctl status docker`

It shows Active as running

```
1RV24MC096_SAURABHR@saurabhr-Vostro-5625:~$ sudo systemctl status docker
● docker.service - Docker Application Container Engine
   Loaded: loaded (/usr/lib/systemd/system/docker.service; enabled; preset: enabled)
   Active: active (running) since Wed 2025-10-15 22:43:12 IST; 3min 44s ago
 TriggeredBy: ● docker.socket
    Docs: https://docs.docker.com
   Main PID: 9916 (dockerd)
     Tasks: 18
    Memory: 23.0M (peak: 26.2M)
       CPU: 267ms
    CGroup: /system.slice/docker.service
            └─9916 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock

Oct 15 22:43:12 saurabhr-Vostro-5625 dockerd[9916]: time="2025-10-15T22:43:12.301220503+05:30" level=info msg="detected 127.0.0.53 nameserver, assuming systemd-resolved, so using reso>
Oct 15 22:43:12 saurabhr-Vostro-5625 dockerd[9916]: time="2025-10-15T22:43:12.323927841+05:30" level=info msg="Creating a containerd client" address=/run/containerd/containerd.sock ti>
Oct 15 22:43:12 saurabhr-Vostro-5625 dockerd[9916]: time="2025-10-15T22:43:12.361123629+05:30" level=info msg="Loading containers: start."
Oct 15 22:43:12 saurabhr-Vostro-5625 dockerd[9916]: time="2025-10-15T22:43:12.595872889+05:30" level=info msg="Loading containers: done."
Oct 15 22:43:12 saurabhr-Vostro-5625 dockerd[9916]: time="2025-10-15T22:43:12.607642404+05:30" level=info msg="Docker daemon" commit=f8215cc containerd-snapshotter=false storage-drive>
Oct 15 22:43:12 saurabhr-Vostro-5625 dockerd[9916]: time="2025-10-15T22:43:12.607720237+05:30" level=info msg="Initializing buildkit"
Oct 15 22:43:12 saurabhr-Vostro-5625 dockerd[9916]: time="2025-10-15T22:43:12.617642344+05:30" level=info msg="Completed buildkit initialization"
Oct 15 22:43:12 saurabhr-Vostro-5625 dockerd[9916]: time="2025-10-15T22:43:12.622876388+05:30" level=info msg="Daemon has completed initialization"
Oct 15 22:43:12 saurabhr-Vostro-5625 dockerd[9916]: time="2025-10-15T22:43:12.622916285+05:30" level=info msg="API listen on /run/docker.sock"
Oct 15 22:43:12 saurabhr-Vostro-5625 systemd[1]: Started docker.service - Docker Application Container Engine.
lines 1-22/22 (END)
```