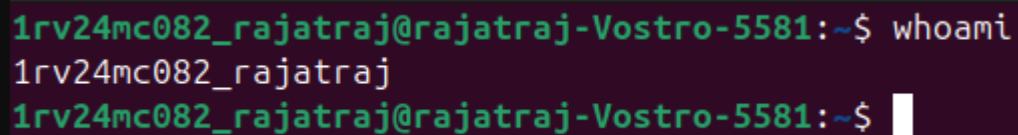


Documentation:

Change the user name:

1. Change the system username:
 `sudo adduser temp` (to create temp user)
2. Add sudo permission to the temp user
 `sudo usermod -aG sudo user temp`
3. Log out the current user and login to the temp user
4. To change the name of previous login user
 `sudo usermod -l 1rv24mc082_rajatraj rajatraj`
 This will change the name of user from username rajatraj to 1rv24mc082_rajatraj
5. Now log back to the 1rv24mc082_rajatraj account to verify the name type
 `whoami`
 It will return the name of the user as 1rv24mc082_rajatraj



```
1rv24mc082_rajatraj@rajatraj-Vostro-5581:~$ whoami
1rv24mc082_rajatraj
1rv24mc082_rajatraj@rajatraj-Vostro-5581:~$
```

Docker Installation:

Installation using apt repository

Step1: 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

# 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
```

Step2: To install the latest version, run:

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

Step3: check the status of the docker by : `sudo systemctl status docker`
It will return the status of docker

```
Oct 15 21:03
1rv24mc082_rajatraj@rajatraj-Vostro-5581: ~
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) ...
1rv24mc082_rajatraj@rajatraj-Vostro-5581: ~$ 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 20:54:49 IST; 5min ago
     TriggeredBy: ● docker.socket
   Docs: https://docs.docker.com
   Main PID: 24045 (dockerd)
    Tasks: 14
   Memory: 21.8M (peak: 23.8M)
      CPU: 1.084s
   CGroup: /system.slice/docker.service
           └─24045 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock

Oct 15 20:54:41 rajatraj-Vostro-5581 dockerd[24045]: time="2025-10-15T20:54:41.654307422+05:30" level=info msg="detected 127.0.0.53 nameserver, assuming systemd-resolved, so using res
Oct 15 20:54:41 rajatraj-Vostro-5581 dockerd[24045]: time="2025-10-15T20:54:41.727171805+05:30" level=info msg="Creating a containerd client" address=/run/containerd/containerd.sock t
Oct 15 20:54:43 rajatraj-Vostro-5581 dockerd[24045]: time="2025-10-15T20:54:43.939225514+05:30" level=info msg="Loading containers: start."
Oct 15 20:54:46 rajatraj-Vostro-5581 dockerd[24045]: time="2025-10-15T20:54:46.120541510+05:30" level=info msg="Loading containers: done."
Oct 15 20:54:47 rajatraj-Vostro-5581 dockerd[24045]: time="2025-10-15T20:54:47.234150086+05:30" level=info msg="Docker daemon" commit=f0215cc container-snapshotter=false storage-driv
Oct 15 20:54:47 rajatraj-Vostro-5581 dockerd[24045]: time="2025-10-15T20:54:47.234581304+05:30" level=info msg="Initializing buildkit"
Oct 15 20:54:49 rajatraj-Vostro-5581 dockerd[24045]: time="2025-10-15T20:54:49.719229966+05:30" level=info msg="Completed buildkit initialization"
Oct 15 20:54:49 rajatraj-Vostro-5581 dockerd[24045]: time="2025-10-15T20:54:49.739813622+05:30" level=info msg="Daemon has completed initialization"
Oct 15 20:54:49 rajatraj-Vostro-5581 dockerd[24045]: time="2025-10-15T20:54:49.740040498+05:30" level=info msg="API listen on /run/docker.sock"
Oct 15 20:54:49 rajatraj-Vostro-5581 systemd[1]: Started docker.service - Docker Application Container Engine.

1rv24mc082_rajatraj@rajatraj-Vostro-5581: ~$
```