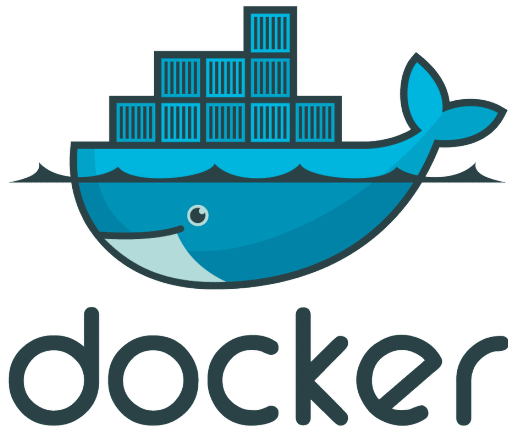


# Installing docker



To install docker, run the following commands in the terminal. (This installation was done in Ubuntu 22.04.5 LTS)

- First, update your existing list of packages.

```
$ sudo apt update
```

- Next, install a few prerequisite packages which let apt use packages over HTTPS.

```
$ sudo apt install apt-transport-https ca-certificates curl software-properties-common
```

- Then add the GPG key for the official Docker repository to your system.

```
$ curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /usr/share/keyrings/docker-archive-keyring.gpg
```

- Add the Docker repository to APT sources.

```
$ echo "deb [arch=$(dpkg --print-architecture) signed-by=/usr/share/keyrings/docker-archive-keyring.gpg]
https://download.docker.com/linux/ubuntu $(lsb_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list
> /dev/null
```

- Update your existing list of packages again for the addition to be recognized.

```
$ sudo apt update
```

- Make sure you are about to install from the Docker repo instead of the default Ubuntu repo.

```
$ apt-cache policy docker-ce
```

#### Output of apt-cache policy docker-ce

```
docker-ce:
  Installed: (none)
  Candidate: 5:20.10.14~3-0~ubuntu-jammy
  Version table:
     5:20.10.14~3-0~ubuntu-jammy 500
        500 https://download.docker.com/linux/ubuntu jammy/stable amd64 Packages
     5:20.10.13~3-0~ubuntu-jammy 500
        500 https://download.docker.com/linux/ubuntu jammy/stable amd64 Packages
```

- Finally, install Docker

```
$ sudo apt install docker-ce
```

- Docker should now be installed, the daemon started, and the process enabled to start on boot. Check that it's running.

```
$ sudo systemctl status docker
```

#### Output

```
● docker.service - Docker Application Container Engine
   Loaded: loaded (/lib/systemd/system/docker.service; enabled; vendor preset: enabl
   Active: active (running) since Fri 2022-04-01 21:30:25 UTC; 22s ago
   TriggeredBy: ● docker.socket
     Docs: https://docs.docker.com
    Main PID: 7854 (dockerd)
      Tasks: 7
     Memory: 38.3M
        CPU: 340ms
    CGroup: /system.slice/docker.service
            └─7854 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.
```

For more information refer to this website: <https://www.digitalocean.com/community/tutorials/how-to-install-and-use-docker-on-ubuntu-22-04>