

pratiksha@pratiksha-VirtualBox: ~

File Edit View Search Terminal Help

```
pratiksha@pratiksha-VirtualBox:~$ sudo apt-get update
```

```
[sudo] password for pratiksha:
```

```
Hit:1 http://ln.archive.ubuntu.com/ubuntu bionic InRelease
```

```
Hit:2 http://ln.archive.ubuntu.com/ubuntu bionic-updates InRelease
```

```
Hit:3 http://ln.archive.ubuntu.com/ubuntu bionic-backports InRelease
```

```
Hit:4 http://security.ubuntu.com/ubuntu bionic-security InRelease
```

```
Reading package lists... Done
```

```
pratiksha@pratiksha-VirtualBox:~$ docker
```

```
Command 'docker' not found, but can be installed with:
```

```
sudo snap install docker
```

```
sudo apt install docker.io
```

```
See 'snap info docker' for additional versions.
```

```
pratiksha@pratiksha-VirtualBox:~$ sudo apt install docker.io
```

```
Reading package lists... Done
```

```
Building dependency tree
```

```
Reading state information... Done
```

```
The following additional packages will be installed:
```

```
bridge-utils containerd git git-man liberror-perl libseccomp2 pigz runc  
ubuntu-fan
```

```
Suggested packages:
```

```
aufs-tools btrfs-progs cgroupfs-mount | cgroup-lite debootstrap docker-doc  
rinse zfs-fuse | zfsutils git-daemon-run | git-daemon-sysvinit git-doc  
git-el git-email git-gui gitk gitweb git-cvs git-mediawiki git-svn
```

```
The following NEW packages will be installed:
```

```
bridge-utils containerd docker.io git git-man liberror-perl libseccomp2 pigz runc
```

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The following packages will be upgraded:

libseccomp2

1 upgraded, 9 newly installed, 0 to remove and 710 not upgraded.

Need to get 79.0 MB/79.0 MB of archives.

After this operation, 394 MB of additional disk space will be used.

Do you want to continue? [Y/n] y

Get:1 http://in.archive.ubuntu.com/ubuntu bionic/universe amd64 pigz amd64 2.4-1 [57.4 kB]

Get:2 http://in.archive.ubuntu.com/ubuntu bionic/main amd64 bridge-utils amd64 1.5-15ubuntu1 [30.1 kB]

Get:3 http://in.archive.ubuntu.com/ubuntu bionic-updates/universe amd64 runc amd64 1.0.1-0ubuntu2~18.04.1 [4,155 kB]

Get:4 http://in.archive.ubuntu.com/ubuntu bionic-updates/universe amd64 containerd amd64 1.5.5-0ubuntu3~18.04.2 [33.0 MB]

Get:5 http://in.archive.ubuntu.com/ubuntu bionic-updates/universe amd64 docker.io amd64 20.10.7-0ubuntu5~18.04.3 [36.9 MB]

Get:6 http://in.archive.ubuntu.com/ubuntu bionic/main amd64 liberror-perl all 0.17025-1 [22.8 kB]

Get:7 http://in.archive.ubuntu.com/ubuntu bionic-updates/main amd64 git-man all 1:2.17.1-1ubuntu0.11 [804 kB]

Get:8 http://in.archive.ubuntu.com/ubuntu bionic-updates/main amd64 git amd64 1:2.17.1-1ubuntu0.11 [3,925 kB]

Get:9 http://in.archive.ubuntu.com/ubuntu bionic/main amd64 ubuntu-fan all 0.12.10 [34.7 kB]

Fetch 79.0 MB in 1min 38s (802 kB/s)

Preconfiguring packages ...

Selecting previously unselected package pigz.

(Reading database ... 126106 files and directories currently installed.)

Preparing to unpack .../archive/pigz_2.4-1_amd64.deb

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Setting up libseccomp2:amd64 (2.5.1-1ubuntu1~18.04.2) ...
Selecting previously unselected package bridge-utils.
(Reading database ... 126115 files and directories currently installed.)
Preparing to unpack .../0-bridge-utils_1.5-15ubuntu1_amd64.deb ...
Unpacking bridge-utils (1.5-15ubuntu1) ...
Selecting previously unselected package runc.
Preparing to unpack .../1-runc_1.0.1-0ubuntu2~18.04.1_amd64.deb ...
Unpacking runc (1.0.1-0ubuntu2~18.04.1) ...
Selecting previously unselected package containerd.
Preparing to unpack .../2-containerd_1.5.5-0ubuntu3~18.04.2_amd64.deb ...
Unpacking containerd (1.5.5-0ubuntu3~18.04.2) ...
Selecting previously unselected package docker.io.
Preparing to unpack .../3-docker.io_20.10.7-0ubuntu5~18.04.3_amd64.deb ...
Unpacking docker.io (20.10.7-0ubuntu5~18.04.3) ...
Selecting previously unselected package liberror-perl.
Preparing to unpack .../4-liberror-perl_0.17025-1_all.deb ...
Unpacking liberror-perl (0.17025-1) ...
Selecting previously unselected package git-man.
Preparing to unpack .../5-git-man_1%3a2.17.1-1ubuntu0.11_all.deb ...
Unpacking git-man (1:2.17.1-1ubuntu0.11) ...
Selecting previously unselected package git.
Preparing to unpack .../6-git_1%3a2.17.1-1ubuntu0.11_amd64.deb ...
Unpacking git (1:2.17.1-1ubuntu0.11) ...
Selecting previously unselected package ubuntu-fan.
Preparing to unpack .../7-ubuntu-fan_0.12.10_all.deb ...
Unpacking ubuntu-fan (0.12.10) ...
Setting up git-man (1:2.17.1-1ubuntu0.11) ...
Setting up runc (1.0.1-0ubuntu2~18.04.1) ...
Preparing to unpack .../8-telegraf_0.10.0-0ubuntu0.18.04.1_amd64.deb ...
Unpacking telegraf (0.10.0-0ubuntu0.18.04.1) ...
Setting up telegraf (0.10.0-0ubuntu0.18.04.1) ...

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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 ureadahead (0.100.0-20) ...

pratiksha@pratiksha-VirtualBox:~\$ docker --version

Docker version 20.10.7, build 20.10.7-0ubuntu5~18.04.3

pratiksha@pratiksha-VirtualBox:~\$ sudo systemctl status docker

● docker.service - Docker Application Container Engine

Loaded: loaded (/lib/systemd/system/docker.service; enabled; vendor preset:

Active: active (running) since Sun 2022-05-01 12:19:18 IST; 1min 46s ago

Docs: <https://docs.docker.com>

Main PID: 6638 (dockerd)

Tasks: 10

CGroup: /system.slice/docker.service

└─6638 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/contai

May 01 12:19:13 pratiksha-VirtualBox dockerd[6638]: time="2022-05-01T12:19:13.0

May 01 12:19:13 pratiksha-VirtualBox dockerd[6638]: time="2022-05-01T12:19:13.4

May 01 12:19:13 pratiksha-VirtualBox dockerd[6638]: time="2022-05-01T12:19:13.4

May 01 12:19:13 pratiksha-VirtualBox dockerd[6638]: time="2022-05-01T12:19:13.4

May 01 12:19:15 pratiksha-VirtualBox dockerd[6638]: time="2022-05-01T12:19:15.9

May 01 12:19:17 pratiksha-VirtualBox dockerd[6638]: time="2022-05-01T12:19:17.1

May 01 12:19:17 pratiksha-VirtualBox dockerd[6638]: time="2022-05-01T12:19:17.9

May 01 12:19:17 pratiksha-VirtualBox dockerd[6638]: time="2022-05-01T12:19:17.9

May 01 12:19:17 pratiksha-VirtualBox dockerd[6638]: time="2022-05-01T12:19:17.9

May 01 12:19:18 pratiksha-VirtualBox systemd[1]: Started Docker Application Con

May 01 12:19:18 pratiksha-VirtualBox dockerd[6638]: time="2022-05-01T12:19:18.2

lines 1-19/19 (END)

Activities Terminal Sun 12:25

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```
pratiksha@pratiksha-VirtualBox:~$ docker run hello-world
docker: Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Post http://%2Fvar%2Frun%2Fdocker.sock/v1.24/containers/create: dial unix /var/run/docker.sock: connect: permission denied. See 'docker run --help'.
pratiksha@pratiksha-VirtualBox:~$ sudo docker run hello-world
Unable to find image 'hello-world:latest' locally
latest: Pulling from library/hello-world
2db29710123e: Pull complete
Digest: sha256:10d7d58d5ebd2a652f4d93fdd86da8f265f5318c6a73cc5b6a9798ff6d2b2e67
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/
```

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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/>

```
pratiksha@pratiksha-VirtualBox:~$ docker images
```

```
Got permission denied while trying to connect to the Docker daemon socket at unix:
/var/run/docker.sock: Get http://%2Fvar%2Frun%2Fdocker.sock/v1.24/images/json:
dial unix /var/run/docker.sock: connect: permission denied
```

```
pratiksha@pratiksha-VirtualBox:~$ sudo docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
hello-world	latest	feb5d9fea6a5	7 months ago	13.3kB

```
pratiksha@pratiksha-VirtualBox:~$
```