

NOME: YASMIN ANGELICA OLIVEIRA SILVA 2ADSA

```
ubuntu@ip-172-31-45-157:~$ sudo install -m 0755 -d /etc/apt/keyrings/docker.asc
ubuntu@ip-172-31-45-157:~$ sudo curl -fsSL https://download.docker.com/linux/ubuntu/gpg -o /etc/apt/keyrings/docker.asc
ubuntu@ip-172-31-45-157:~$ sudo chmod a+r /etc/apt/keyrings/docker.asc
ubuntu@ip-172-31-45-157:~$
```

```
ubuntu@ip-172-31-45-157:~$ sudo apt-get update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease
Hit:4 http://security.ubuntu.com/ubuntu noble-security InRelease
Get:5 https://download.docker.com/linux/ubuntu noble InRelease [48.8 kB]
Get:6 https://download.docker.com/linux/ubuntu noble/stable amd64 Packages [6337 B]
Fetched 55.2 kB in 1s (76.9 kB/s)
Reading package lists... Done
ubuntu@ip-172-31-45-157:~$ sudo apt-get 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 docker-compose-plugin libltdl7 libslirp0 pigz slirp4netns
Suggested packages:
  aufs-tools cgroupfs-mount | cgroup-lite
The following NEW packages will be installed:
  containerd.io docker-buildx-plugin docker-ce docker-ce-cli docker-ce-rootless-extras docker-compose-plug
  libslirp0 pigz slirp4netns
0 upgraded, 10 newly installed, 0 to remove and 21 not upgraded.
Need to get 121 MB of archives.
After this operation, 434 MB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 pigz amd64 2.8-1 [65.6 kB]
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 libltdl7 amd64 2.4.7-7build1 [40.3 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 libslirp0 amd64 4.7.0-1ubuntu3 [63.8 kB]
Get:4 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 slirp4netns amd64 1.2.1-1build2 [10.1 kB]
```

For more examples and ideas, visit:
<https://docs.docker.com/get-started/>

```
ubuntu@ip-172-31-45-157:~$ sudo docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
hello-world   latest    d2c94e258dcb   12 months ago  13.3kB
ubuntu@ip-172-31-45-157:~$
```

```
ubuntu@ip-172-31-45-157:~$ sudo systemctl start docker
ubuntu@ip-172-31-45-157:~$ sudo systemctl enable docker
Synchronizing state of docker.service with SysV service script with /usr/lib/systemd/systemd-sysv-install.
Executing: /usr/lib/systemd/systemd-sysv-install enable docker
ubuntu@ip-172-31-45-157:~$
```

```

bash-5.1# mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 10
Server version: 8.0.37 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> |

```

```

ubuntu@ip-172-31-45-157:~$ docker pull mysql:8.0.37
8.0.37: Pulling from library/mysql
fcbdc4090331: Pull complete
a845363d0003: Pull complete
e8058c6f9bdd: Pull complete
2ec357e5ab0c: Pull complete
5afcf1382f34: Pull complete
7e6fb392497b: Pull complete
0287ae8ee890: Pull complete
faa49449b97e: Pull complete
ddd0836d7ff3: Pull complete
c25cb9740165: Pull complete
8d993d969e2b: Pull complete
Digest: sha256:aba83ec239df64820f61f0436b30c17922cf3cc183878ad4e479950bbe448e
Status: Downloaded newer image for mysql:8.0.37
docker.io/library/mysql:8.0.37
ubuntu@ip-172-31-45-157:~$ |

```

```

ubuntu@ip-172-31-45-157:~$ docker images

```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
mysql	8.0.37	c5f0c876cdb1	9 days ago	567MB
hello-world	latest	d2c94e258dc	12 months ago	13.3kB

```

ubuntu@ip-172-31-45-157:~$ docker run -d -p 3306:3306 --name db -e "MYSQL_ROOT_PASSWORD=urubu100"
576db586dc8de8bfa3d65bd3a2835240cb54fba11cf1a442448f70905f4ebec
ubuntu@ip-172-31-45-157:~$ docker ps

```

CONTAINER ID	IMAGE	COMMAND NAMES	CREATED	STATUS	PORTS
576db586dc8d	mysql:8.0.37	"docker-entrypoint.s..."	About a minute ago	Up About a minute	0.0.0.0:3306->3306/tcp,
:::3306->3306/tcp		db			33060/tcp

```

ubuntu@ip-172-31-45-157:~$ docker stats db

```

CONTAINER ID	NAME	CPU %	MEM USAGE / LIMIT	MEM %	NET I/O	BLOCK I/O	PIDS
576db586dc8d	db	1.23%	388.7MiB / 957.5MiB	40.60%	1.46kB / 0B	99.5MB / 271MB	37
CONTAINER ID	NAME	CPU %	MEM USAGE / LIMIT	MEM %	NET I/O	BLOCK I/O	PIDS
576db586dc8d	db	0.40%	388.7MiB / 957.5MiB	40.60%	1.46kB / 0B	99.5MB / 271MB	37
CONTAINER ID	NAME	CPU %	MEM USAGE / LIMIT	MEM %	NET I/O	BLOCK I/O	PIDS
576db586dc8d	db	0.40%	388.7MiB / 957.5MiB	40.60%	1.46kB / 0B	99.5MB / 271MB	37
CONTAINER ID	NAME	CPU %	MEM USAGE / LIMIT	MEM %	NET I/O	BLOCK I/O	PIDS
576db586dc8d	db	0.38%	388.7MiB / 957.5MiB	40.60%	1.46kB / 0B	99.5MB / 271MB	37
CONTAINER ID	NAME	CPU %	MEM USAGE / LIMIT	MEM %	NET I/O	BLOCK I/O	PIDS

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bash-5.1# mysql -u root -p
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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> |
```

```
mysql> exit
Bye
bash-5.1# exit
exit
ubuntu@ip-172-31-45-157:~$ exit
logout
Connection to ec2-18-234-138-5.compute-1.amazonaws.com closed.
yasmi@AlcinaD:~$ |
```