## PASOS INICIALES

```
 dbuntu@18.223.238.14:22 - Bitvise xterm - ubuntu@ip-172-31-14-213: ~/ti
Last login: Sat Oct 12 17:26:05 2024 from 181.63.176.32
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
ubuntu@ip-172-31-14-213:~$ ls
ubuntu@ip-172-31-14-213:~$ sudo apt update
Warning: The unit file, source configuration file or drop-ins of apt-news.service changed on disk. Run 'systemctl daemon-reload' to reload units.
Warning: The unit file, source configuration file or drop-ins of esm-cache.service changed on disk. Run 'systemctl daemon-reload' to reload units.
Get:2 http://us-east-2.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Hit:3 http://us-east-2.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease
Get:5 http://us-east-2.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [542 kB]
 Get:6 http://us-east-2.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [386 kB]
Fetched 1180 kB in 1s (1449 kB/s)
Reading package lists... Done
Neading backage 1153... Done
Reading state information... Done
119 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-172-31-14-213:~$ for pkg in docker.io docker-doc docker-compose docker-compose-v2 podman-docker containerd runc; do sudo apt-get remove $pk
   eading package lists... Done
Building dependency tree... Done
Reading state information... Done
Package 'docker.io' is not installed, so not removed
0 upgraded, 0 newly installed, 0 to remove and 119 not upgraded.
Reading package lists... Done
 Building dependency tree... Done
 Reading state information... Done
Package 'docker-doc' is not installed, so not removed
  upgraded, 0 newly installed, 0 to remove and 119 not upgraded.
 Reading package lists... Done
Reading Datage 1133... Done
Reading state information... Done
Package 'docker-compose' is not installed, so not removed
0 upgraded, 0 newly installed, 0 to remove and 119 not upgraded.
```

```
ubuntu@ip-172-31-14-213:~$ sudo install -m 0755 -d /etc/apt/keyrings
ubuntu@ip-172-31-14-213:~$ sudo curl -fsSL https://download.docker.com/linux/ubuntu/gpg -o /etc/apt/keyrings/docker.asc
ubuntu@ip-172-31-14-213:~$ sudo chmod a+r /etc/apt/keyrings/docker.asc
ubuntu@ip-172-31-14-213:~$ echo \
     "deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.asc] https://download.docker.com/linux/ubuntu \
$(. /etc/os-release && echo "$VERSION_CODENAME") stable" | \
  sudo apt update
y sudo apt upuate
Warning: The unit file, source configuration file or drop-ins of apt-news.service changed on disk. Run 'systemctl daemon-reload' to reload units.
Warning: The unit file, source configuration file or drop-ins of esm-cache.service changed on disk. Run 'systemctl daemon-reload' to reload units.
Hit:1 http://us-east-2.ec2.archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://us-east-2.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:3 http://us-east-2.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease
Reading package lists... Done
Building dependency tree... Done
  eading state information... Done
neading state information... bonc
119 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-172-31-14-213:~$ 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
Package docker-ce is not available, but is referred to by another package.
This may mean that the package is missing, has been obsoleted, or
is only available from another source
Package docker-ce-cli is not available, but is referred to by another package.
This may mean that the package is missing, has been obsoleted, or
is only available from another source
   Package 'docker-ce' has no installation candidate
Package 'docker-ce-cli' has no installation candidate
   Unable to locate package containerd.io

Couldn't find any package by glob 'containerd.io'

Couldn't find any package by regex 'containerd.io'

Unable to locate package docker-buildx-plugin
   Unable to locate package docker-compose-plugin
```

## TimeScale

```
$\begin{align*} \frac{1}{4} \text{ ubuntu@18.223.238.14:22 - Bitvise xterm - ubuntu@ip-172-31-14-213: $\sigma/\text{timescaledb-lab/data}$
ubuntu@ip-172-31-14-213:∽$ sudo install -m 0755 -d /etc/apt/keyrings
ubuntu@ip-172-31-14-213:∽$ sudo curl -fsSL https://download.docker.com/linux/ubuntu/gpg -o /etc/apt/keyrings/docker.asc
 ubuntu@ip-172-31-14-213:~$ sudo chmod a+r /etc/apt/keyrings/docker.asc
ubuntu@ip-172-31-14-213:~$ echo ∖
 bountingsp=172-31-14-213:-% etch
> "deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.asc] https://download.docker.com/linux/ubuntu \
> $(. /etc/os-release && echo "$VERSION_CODENAME") stable" | \
> sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
ubuntu@ip-172-31-14-213:~$ sudo apt update
Warning: The unit file, source configuration file or drop-ins of apt-news.service changed on disk. Run 'systemctl daemon-reload' to reload units. Warning: The unit file, source configuration file or drop-ins of esm-cache.service changed on disk. Run 'systemctl daemon-reload' to reload units. Hit:1 http://us-east-2.ec2.archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://us-east-2.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:3 http://us-east-2.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease
Get:4 https://download.docker.com/linux/ubuntu noble InRelease [48.8 kB]
Hit:5 http://security.ubuntu.com/ubuntu noble-security InRelease
Get:6 https://download.docker.com/linux/ubuntu noble/stable amd64 Packages [15.3 kB]
Fetched 64.2 kB in 1s (84.5 kB/s)
 Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
119 packages can be upgraded. Run 'apt list --upgradable' to see them.
 buntu@ip-172-31-14-213:~$ sudo apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docke<u>r-compose-plugin</u>
 Reading package lists... Done
Building dependency tree... Done
 eading state information... Done
 he following additional packages will be installed:
docker-ce-rootless-extras libltdl7 libslirp0 pigz slirp4netns
  uggested packages:
 aufs-tools cgroupfs-mount | cgroup-lite
he following NEW packages will be installed:
containerd.io docker-buildx-plugin docker-ce docker-ce-cli docker-ce-rootless-extras docker-compose-plugin libltdl7 libslirp0 pigz slirp4netns
  upgraded, 10 newly installed, 0 to remove and 119 not upgraded.
 leed to get 123 MB of archives.
After this operation, 442 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://us-east-2.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 pigz amd64 2.8-1 [65.6 kB]
```

## ☑ ۞ ╬ ubuntu@18.223.238.14:22 - Bitvise xterm - ubuntu@ip-172-31-14-213: ~/timescaledb-lab/data Scanning candidates... Scanning linux images...

```
Pending kernel upgrade!
Running kernel version:
 6.8.0-1009-aws
Diagnostics:
 The currently running kernel version is not the expected kernel version 6.8.0-1016-aws.
Restarting the system to load the new kernel will not be handled automatically, so you should consider rebooting.
Restarting services...
Service restarts being deferred:
 /etc/needrestart/restart.d/dbus.service
 systemctl restart getty@tty1.service
 systemctl restart networkd-dispatcher.service
 systemctl restart serial-getty@ttyS0.service
 systemctl restart systemd-logind.service
 systemctl restart unattended-upgrades.service
No containers need to be restarted.
No user sessions are running outdated binaries.
No VM guests are running outdated hypervisor (qemu) binaries on this host:
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```
Description of the bounds (1922):331:422-8 Briss stem - sharm do not booker ubuntus (1921):73-31-4-213-5 stade steem - do not booker ubuntus (1921):72-31-4-213-5 sta
```

```
effective_lo_concurrency = 256

if this ckey? ((y)es/(s)tip/(a)uit): y

success: miscellaneous settings will be updated

Saving changes to: /etc/postgresql/lo/main/postgresql.conf

ubuntu@ip-172-31-14-213:-% cd

ubuntu@ip-172-31-14-213:-% skdir timescaledb-lab

ubuntu@ip-172-31-14-213:-% skdir timescaledb-lab

mutdir_cannot create directory 'timescaledb-lab

ubuntu@ip-172-31-14-213:-% cd timescaledb-lab

ubuntu@ip-172-31-14-213:-% skdir timescaledb-lab

ubuntu@ip-172-31-14-213:-% skdir timescaledb-lab

ubuntu@ip-172-31-14-213:-% cd timescaledb-lab

ubuntu@ip-172-31-14-213:-% timescaledb-lab for ano docker-compose.yml

ubuntu@ip-172-31-14-213:-% timescaledb-lab for ano docker-compose y

ubuntu@ip-172-31-14-213:-% timescaledb-lab for ano docker-compose y

command 'docker-compose' not found, but can be installed with:

sudo snap install docker # version 1.29.2-6

See 'snap info docker' for additional versions.

ubuntu@ip-172-31-14-213:-% timescaledb-lab is

data docker-compose y

ubuntu@ip-172-31-14-213:-/timescaledb-lab for additional versions.

ubuntu@ip-172-31-14-213:-/timescaledb-lab/data for ano docker-compose will ubuntu@ip-172-31-14-213:-/timescaledb-lab/data docker-compose up-d

Command 'docker-compose will versions.

ubuntu@ip-172-31-14-
```

## Base de datos

Name	Owner	Encoding	Locale Provider	Collate	Ctype	ICU Locale	ICU Rules	Access privileges
iot_data	iot_data_user	UTF8	libc	C.UTF-8	C.UTF-8			=Tc/iot_data_user   iot_data_user=CTc/iot_data_use
ostgres	postgres	UTF8	libc	C.UTF-8	C.UTF-8			
emplate0	postgres	UTF8	libc	C.UTF-8	C.UTF-8			=c/postgres   postgres=CTc/postgres
template1	postgres	UTF8	libc	C.UTF-8 	C.UTF-8 			=c/postgres   postgres=CTc/postgres