

```
asr241_victoria@LubuntuASR241:~$ sudo apt update
[sudo] password for asr241_victoria:
Hit:1 http://br.archive.ubuntu.com/ubuntu bionic InRelease
Get:2 http://br.archive.ubuntu.com/ubuntu bionic-updates InRelease [88,7 kB]
Hit:3 http://br.archive.ubuntu.com/ubuntu bionic-backports InRelease
Hit:4 http://security.ubuntu.com/ubuntu bionic-security InRelease
Get:5 http://br.archive.ubuntu.com/ubuntu bionic-updates/main i386 Packages [1.666 kB]
Get:6 http://br.archive.ubuntu.com/ubuntu bionic-updates/main amd64 Packages [3.045 kB]
Fetched 4.800 kB in 3s (1.915 kB/s)
Reading package lists... Done
Building dependency tree
Reading state information... Done
323 packages can be upgraded. Run 'apt list --upgradable' to see them.
```

```
asr241_victoria@LubuntuASR241:~$ sudo apt upgrade
Reading package lists... Done
Building dependency tree
Reading state information... Done
Calculating upgrade... Done
The following packages were automatically installed and are no longer required:
  gir1.2-goa-1.0 gir1.2-snapd-1
Use 'sudo apt autoremove' to remove them.
The following NEW packages will be installed:
  linux-headers-5.4.0-150-generic linux-hwe-5.4-headers-5.4.0-150
  linux-image-5.4.0-150-generic linux-modules-5.4.0-150-generic
  linux-modules-extra-5.4.0-150-generic ubuntu-advantage-desktop-daemon
  ubuntu-pro-client ubuntu-pro-client-l10n
The following packages will be upgraded:
  apparmor apport apport-gtk apt apt-utils base-files bash bind9-host
  binutils binutils-common binutils-x86-64-linux-gnu bluez bluez-cups
  bluez-obexd busybox-initramfs busybox-static ca-certificates
  command-not-found command-not-found-data cron cups cups-browsed cups-bsd
  cups-client cups-common cups-core-drivers cups-daemon cups-filters
  cups-filters-core-drivers cups-ipp-utils cups-ppdc cups-server-common dbus
  dbus-user-session dbus-x11 deja-dup dirmngr distro-info-data dnsmasq-base
```

comando para att os pacotes

instalando o apache

```

asr241_victoria@LubuntuASR241:~$ sudo apt install -y apache2 apache2-utils
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
  gir1.2-goa-1.0 gir1.2-snapd-1
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  apache2-bin apache2-data libapr1 libaprutil1 libaprutil1-dbd-sqlite3
  libaprutil1-ldap liblua5.2-0
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils libapr1 libaprutil1
  libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.2-0
0 upgraded, 9 newly installed, 0 to remove and 0 not upgraded.
Need to get 1.713 kB of archives.
After this operation, 6.936 kB of additional disk space will be used.
Get:1 http://br.archive.ubuntu.com/ubuntu bionic/main amd64 libapr1 amd64 1.6.3
-2 [90.9 kB]

```

apache rodando

```

asr241_victoria@LubuntuASR241:~$ systemctl status apache2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset:
   Drop-In: /lib/systemd/system/apache2.service.d
            └─apache2-systemd.conf
   Active: active (running) since Thu 2024-03-21 21:33:04 -03; 56s ago
 Main PID: 11430 (apache2)
   Tasks: 55 (limit: 4915)
   CGroup: /system.slice/apache2.service
           └─11430 /usr/sbin/apache2 -k start
             └─11431 /usr/sbin/apache2 -k start
               └─11432 /usr/sbin/apache2 -k start
lines 1-11/11 (END)

```

versao do apache

```

asr241_victoria@LubuntuASR241:~$ apache2 -v
Server version: Apache/2.4.29 (Ubuntu)
Server built:   2023-03-08T17:34:33

```

instalando o maria db


```

asr241_victoria@LubuntuASR241:~$ sudo apt install mariadb-server mariadb-client
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
  gir1.2-goa-1.0 gir1.2-snapd-1
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  galera-3 gawk libaio1 libconfig-inifiles-perl libdbd-mysql-perl libdbi-perl
  libhtml-template-perl libjemalloc1 libmysqlclient20 libreadline5
  libsigsegv2 libterm-readkey-perl mariadb-client-10.1
  mariadb-client-core-10.1 mariadb-common mariadb-server-10.1
  mariadb-server-core-10.1 mysql-common socat
Suggested packages:
  gawk-doc libmldbm-perl libnet-daemon-perl libsql-statement-perl
  libipc-sharedcache-perl mailx mariadb-test tinycal
The following NEW packages will be installed:
  galera-3 gawk libaio1 libconfig-inifiles-perl libdbd-mysql-perl libdbi-perl
  libhtml-template-perl libjemalloc1 libmysqlclient20 libreadline5
  libsigsegv2 libterm-readkey-perl mariadb-client mariadb-client-10.1
  mariadb-client-core-10.1 mariadb-common mariadb-server mariadb-server-10.1
  mariadb-server-core-10.1 mysql-common socat
0 upgraded, 21 newly installed, 0 to remove and 0 not upgraded.
Need to get 24,0 MB of archives.

```

maria db rodando

```

asr241_victoria@LubuntuASR241:~$ systemctl status mariadb
● mariadb.service - MariaDB 10.1.48 database server
   Loaded: loaded (/lib/systemd/system/mariadb.service; enabled; vendor preset:
   Active: active (running) since Thu 2024-03-21 21:36:04 -03; 1min 1s ago
     Docs: man:mysqld(8)
           https://mariadb.com/kb/en/library/systemd/
  Main PID: 13216 (mysqld)
    Status: "Taking your SQL requests now..."
     Tasks: 27 (limit: 4915)
    CGroup: /system.slice/mariadb.service
            └─13216 /usr/sbin/mysqld
lines 1-10/10 (END)

```

script de segurança

```
asr241_victoria@LubuntuASR241:~$ sudo mysql_secure_installation

NOTE: RUNNING ALL PARTS OF THIS SCRIPT IS RECOMMENDED FOR ALL MariaDB
SERVERS IN PRODUCTION USE! PLEASE READ EACH STEP CAREFULLY!

In order to log into MariaDB to secure it, we'll need the current
password for the root user. If you've just installed MariaDB, and
you haven't set the root password yet, the password will be blank,
so you should just press enter here.

Enter current password for root (enter for none):
OK, successfully used password, moving on...

Setting the root password ensures that nobody can log into the MariaDB
root user without the proper authorisation.
```

criando a nova senha root e configurando

```
Setting the root password ensures that nobody can log into the MariaDB
root user without the proper authorisation.

Set root password? [Y/n] y
New password:
Re-enter new password:
Password updated successfully!
Reloading privilege tables..
... Success!

By default, a MariaDB installation has an anonymous user, allowing anyone
to log into MariaDB without having to have a user account created for
them. This is intended only for testing, and to make the installation
go a bit smoother. You should remove them before moving into a
production environment.

Remove anonymous users? [Y/n] y
... Success!
```



```

Disallow root login remotely? [Y/n] y
... Success!

By default, MariaDB comes with a database named 'test' that anyone can
access. This is also intended only for testing, and should be removed
before moving into a production environment.

Remove test database and access to it? [Y/n] y
- Dropping test database...
... Success!
- Removing privileges on test database...
... Success!

Reloading the privilege tables will ensure that all changes made so far
will take effect immediately.

Reload privilege tables now? [Y/n] y
... Success!

Cleaning up...

All done! If you've completed all of the above steps, your MariaDB
installation should now be secure.

Thanks for using MariaDB!

```

instalando php7.4

```

asr241_victoria@LubuntuASR241:~$ sudo apt install php libapache2-mod-php php-mysql
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
  gir1.2-goa-1.0 gir1.2-snapd-1
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  libapache2-mod-php7.2 php-common php7.2 php7.2-cli php7.2-common
  php7.2-json php7.2-mysql php7.2-opcache php7.2-readline
Suggested packages:
  php-pear
The following NEW packages will be installed:
  libapache2-mod-php libapache2-mod-php7.2 php php-common php-mysql php7.2
  php7.2-cli php7.2-common php7.2-json php7.2-mysql php7.2-opcache
  php7.2-readline
0 upgraded, 12 newly installed, 0 to remove and 0 not upgraded.
Need to get 3.996 kB of archives.
After this operation, 17,7 MB of additional disk space will be used.
Do you want to continue? [Y/n] y

asr241_victoria@LubuntuASR241:~$ php -v
PHP 7.2.24-0ubuntu0.18.04.17 (cli) (built: Feb 23 2023 13:29:25) ( NTS )
Copyright (c) 1997-2018 The PHP Group
Zend Engine v3.2.0, Copyright (c) 1998-2018 Zend Technologies
    with Zend OPcache v7.2.24-0ubuntu0.18.04.17, Copyright (c) 1999-2018, by Ze
nd Technologies

```

reiniciando apache2