```
vboxuser@ubuntu:~/Desktop$ sudo apt update
[sudo] password for vboxuser:
Hit:1 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:2 http://es.archive.ubuntu.com/ubuntu noble InRelease
Hit:3 http://es.archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:4 http://es.archive.ubuntu.com/ubuntu noble-backports InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
82 packages can be upgraded. Run 'apt list --upgradable' to see them.
```

```
root@ubuntu:/home/vboxuser/Desktop# sudo apt upgrade -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Calculating upgrade... Done
The following package was automatically installed and is no longer required:
  libllvm19
Use 'sudo apt autoremove' to remove it.
The following NEW packages will be installed:
  libllvm20
The following upgrades have been deferred due to phasing:
  bluez bluez-cups bluez-obexd libbluetooth3
The following packages will be upgraded:
  bind9-dnsutils bind9-host bind9-libs cloud-init coreutils dconf-cli
  dconf-gsettings-backend dconf-service fwupd gdm3 gir1.2-gdm-1.0
  gir1.2-gtk-4.0 gir1.2-nm-1.0 gnome-shell-extension-desktop-icons-ng
  libdconf1 libegl-mesa0 libfwupd2 libgbm1 libgdm1 libgl1-mesa-dri
  libglx-mesa0 libgtk-4-1 libgtk-4-bin libgtk-4-common
  libgtk-4-media-gstreamer libgtop-2.0-11 libgtop2-common libipa-hbac0t64
  libmalcontent-0-0 libnm0 libnss-sss libnss-systemd libpam-sss libpam-systemd
  libsss-certmap0 libsss-idmap0 libsss-nss-idmap0 libsystemd-shared
  libsystemd0 libudev1 libwireplumber-0.4-0 libxatracker2 mesa-libgallium
```

Actualizar el sistema

```
root@ubuntu:/home/vboxuser/Desktop# sudo apt install apache2 -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following package was automatically installed and is no longer required:
  libllvm19
Use 'sudo apt autoremove' to remove it.
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils libapr1t64 libaprutil1-dbd-sqlite3
  libaprutil1-ldap libaprutil1t64
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils libapr1t64
  libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1t64
0 upgraded, 8 newly installed, 0 to remove and 4 not upgraded.
Need to get 1,902 kB of archives.
After this operation, 7,451 kB of additional disk space will be used.
Get:1 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 libapr1t64 am
d64 1.7.2-3.1ubuntu0.1 [108 kB]
```

Verificar servicio

```
● apache2.service - The Apache HTTP Server
     Loaded: loaded (/usr/lib/systemd/system/apache2.service; enabled; preset: >
     Active: active (running) since Fri 2025-10-17 08:15:50 UTC; 39s ago
       Docs: https://httpd.apache.org/docs/2.4/
   Main PID: 14059 (apache2)
      Tasks: 55 (limit: 4603)
     Memory: 5.5M (peak: 5.9M)
        CPU: 49ms
     CGroup: /system.slice/apache2.service
             ├─14059 /usr/sbin/apache2 -k start
             ├─14063 /usr/sbin/apache2 -k start
             └─14064 /usr/sbin/apache2 -k start

Oct 17 08:15:50 ubuntu systemd[1]: Starting apache2.service - The Apache HTTP S>
Oct 17 08:15:50 ubuntu apachectl[14058]: AH00558: apache2: Could not reliably d>
Oct 17 08:15:50 ubuntu systemd[1]: Started apache2.service - The Apache HTTP Se>
lines 1-16/16 (END)
```

```
root@ubuntu:/home/vboxuser/Desktop# sudo apt install mysql-server -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following package was automatically installed and is no longer required:
  libllvm19
Use 'sudo apt autoremove' to remove it.
The following additional packages will be installed:
  libaio1t64 libcgi-fast-perl libcgi-pm-perl libevent-core-2.1-7t64
  libevent-pthreads-2.1-7t64 libfcgi-bin libfcgi-perl libfcgi0t64
  libhtml-template-perl libmecab2 libprotobuf-lite32t64 mecab-ipadic
  mecab-ipadic-utf8 mecab-utils mysql-client-8.0 mysql-client-core-8.0
  mysql-common mysql-server-8.0 mysql-server-core-8.0
Suggested packages:
  libipc-sharedcache-perl mailx tinyca
The following NEW packages will be installed:
  libaio1t64 libcgi-fast-perl libcgi-pm-perl libevent-core-2.1-7t64
  libevent-pthreads-2.1-7t64 libfcgi-bin libfcgi-perl libfcgi0t64
  libhtml-template-perl libmecab2 libprotobuf-lite32t64 mecab-ipadic
  mecab-ipadic-utf8 mecab-utils mysql-client-8.0 mysql-client-core-8.0
  mysql-common mysql-server mysql-server-8.0 mysql-server-core-8.0
0 upgraded, 20 newly installed, 0 to remove and 4 not upgraded.
Need to get 29.3 MB of archives.
```

aseguramos la instalacion

```
root@ubuntu:/home/vboxuser/Desktop# sudo mysql_secure_installation

Securing the MySQL server deployment.

Connecting to MySQL using a blank password.

VALIDATE PASSWORD COMPONENT can be used to test passwords
and improve security. It checks the strength of password
and allows the users to set only those passwords which are
secure enough. Would you like to setup VALIDATE PASSWORD component?

Press y|Y for Yes, any other key for No: y

There are three levels of password validation policy:

LOW    Length >= 8
MEDIUM Length >= 8, numeric, mixed case, and special characters
STRONG Length >= 8, numeric, mixed case, special characters and dictionary
         file

Please enter 0 = LOW, 1 = MEDIUM and 2 = STRONG:
```

```
root@ubuntu:/home/vboxuser/Desktop# sudo apt install php ph
p-mysql libapache2-mod-php php-curl php-gd php-
mbstring php-xml php-xmlrpc php-intl php-zip -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Package 'php' is not installed, so not removed
The following package was automatically installed and is no
 longer required:
  libllvm19
Use 'sudo apt autoremove' to remove it.
The following additional packages will be installed:
  libapache2-mod-php8.3 libsodium23 php-common php8.3
  php8.3-cli php8.3-common php8.3-curl php8.3-gd
  php8.3-mysql php8.3-opcache php8.3-readline
Suggested packages:
  php-pear
The following NEW packages will be installed:
  libapache2-mod-php libapache2-mod-php8.3 libsodium23
  php php-common php-curl php-gd php-mysql php8.3
  php8.3-cli php8.3-common php8.3-curl php8.3-gd
  php8.3-mysql php8.3-opcache php8.3-readline
The following held packages will be changed:
  php
0 upgraded, 16 newly installed, 0 to remove and 4 not upgra
ded.
Need to get 5,288 kB of archives.
After this operation, 23.6 MB of additional disk space will
 be used.
Do you want to continue? [Y/n] █
```

Verificar Php

```
root@ubuntu:/home/vboxuser/Desktop# php -v
PHP 8.3.6 (cli) (built: Jul 14 2025 18:30:55) (NTS)
Copyright (c) The PHP Group
Zend Engine v4.3.6, Copyright (c) Zend Technologies
    with Zend OPcache v8.3.6, Copyright (c), by Zend Techno
logies
root@ubuntu:/home/vboxuser/Desktop#
```

Reinicia apache

```
root@ubuntu:/home/vboxuser/Desktop# sudo systemctl restart
apache2
```

```
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 10
Server version: 8.0.43-0ubuntu0.24.04.2 (Ubuntu)

Copyright (c) 2000, 2025, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/
or its
affiliates. Other names may be trademarks of their respecti
ve
owners.

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

mysql> CREATE DATABASE wordpress;
Query OK, 1 row affected (0.02 sec)

mysql> CREATE USER 'wpuser'@'localhost' IDENTIFIED BY 'Word
Press123!';
Query OK, 0 rows affected (0.03 sec)

mysql> GRANT ALL PRIVILEGES ON wordpress.* TO 'wpuser'@'loc
alhost';
Query OK, 0 rows affected (0.01 sec)

mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.01 sec)

mysql> EXIT;
Bye
root@ubuntu:/home/vboxuser/Desktop#
```

```
root@ubuntu:/tmp# wget https://wordpress.org/latest.tar.gz
--2025-10-17 08:28:59--  https://wordpress.org/latest.tar.g
z
Resolving wordpress.org (wordpress.org)... 198.143.164.252,
 2607:f978:5:8002::c68f:a4fc
Connecting to wordpress.org (wordpress.org)|198.143.164.252
|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 26928488 (26M) [application/octet-stream]
Saving to: 'latest.tar.gz'

latest.tar.gz   12%   3.14M  1.69MB/s
```

```
root@ubuntu:/tmp# tar -xzf latest.tar.gz
```

```
root@ubuntu:/tmp# tar -xzf latest.tar.gz
root@ubuntu:/tmp# sudo rm -rf /var/www/html/*
root@ubuntu:/tmp# sudo cp -r wordpress/* /var/www/html/
root@ubuntu:/tmp# sudo chown -R www-data:www-data /var/www/
html/
root@ubuntu:/tmp# sudo chmod -R 755 /var/www/html/
root@ubuntu:/tmp# sudo cp /var/www/html/wp-config-sample.ph
p /var/www/html/wp-config.php
```

```
  GNU nano 7.2      /var/www/html/wp-config.php
<?php
/**
 * The base configuration for WordPress
 *
 * The wp-config.php creation script uses this file during>
 * You don't have to use the website, you can copy this fi>
 * and fill in the values.
 *
 * This file contains the following configurations:
 *
 * * Database settings
 * * Secret keys
 * * Database table prefix
 * * ABSPATH
 *
 * @link https://developer.wordpress.org/advanced-administ>
 *
 * @package WordPress
 */

// ** Database settings - You can get this info from your >
/** The name of the database for WordPress */
define( 'DB_NAME', 'database_name_here' );

/** Database username */
define( 'DB_USER', 'username_here' );

/** Database password */
        [ Read 102 lines (Converted from DOS format) ]
^G Help        ^O Write Out   ^W Where Is    ^K Cut
```

Lo e cambiado pero al reiniciar la maquina no pude hacer captura

```
[sudo] password for vboxuser:
root@ubuntu:/home/vboxuser/Desktop# cd ~
root@ubuntu:~# wget https://bin.equinox.io/c/bNyj1mQVY4c/ngrok-v3
-stable-linux-amd64.tgz
--2025-10-17 08:56:13--  https://bin.equinox.io/c/bNyj1mQVY4c/ngr
ok-v3-stable-linux-amd64.tgz
Resolving bin.equinox.io (bin.equinox.io)... 99.83.220.108, 75.2.
60.68, 35.71.179.82, ...
Connecting to bin.equinox.io (bin.equinox.io)|99.83.220.108|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: 9315483 (8.9M) [application/octet-stream]
Saving to: 'ngrok-v3-stable-linux-amd64.tgz'

ngrok-v3-stable- 100%[=======>]   8.88M  4.95MB/s    in 1.8s

2025-10-17 08:56:16 (4.95 MB/s) - 'ngrok-v3-stable-linux-amd64.tg
z' saved [9315483/9315483]
```

```
root@ubuntu:~# tar -xvzf ngrok-v3-stable-linux-amd64.tgz
ngrok
root@ubuntu:~#
```

Extraigo el archivo

```
root@ubuntu:~# sudo mv ngrok /usr/local/bin/
```
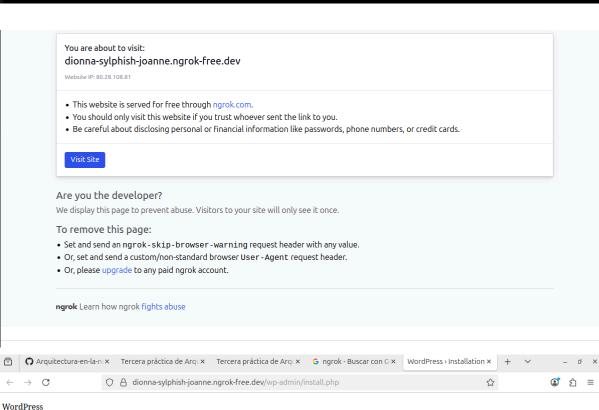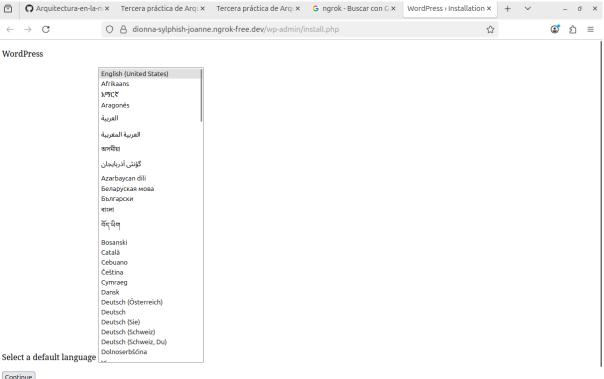
mover ngrok a una ubicación del sistema

```
root@ubuntu:~# sudo snap install ngrok
Download snap "ngrok" (315) from channel "v3…  51% 2.17MB/s 1.72s
```

```
root@ubuntu:~# ngrok config add-authtoken 34BdMnpmihU3A2TI1GxEOsr
f5Sa_6w2ZKvocKt8aUxgPZUnGC
Authtoken saved to configuration file: /root/.config/ngrok/ngrok.
yml
root@ubuntu:~#
```

añado mi token

```
ngrok                                                    (Ctrl+C to quit)

🦢 Create instant endpoints for local containers within Docker Desktop → https://ngrok.com/r/docker

Session Status              online
Account                     Ramon (Plan: Free)
Version                     3.30.0
Region                      Europe (eu)
Web Interface               http://127.0.0.1:4040
Forwarding                  https://dionna-sylphish-joanne.ngrok-free.dev -> http://localhost:80

Connections                 ttl      opn      rt1      rt5      p50      p90
                            0        0        0.00     0.00     0.00     0.00
```

You are about to visit:

dionna-sylphish-joanne.ngrok-free.dev

Website IP: 80.28.108.81

- This website is served for free through ngrok.com.
- You should only visit this website if you trust whoever sent the link to you.
- Be careful about disclosing personal or financial information like passwords, phone numbers, or credit cards.

Visit Site

Are you the developer?

We display this page to prevent abuse. Visitors to your site will only see it once.

To remove this page:

- Set and send an `ngrok-skip-browser-warning` request header with any value.
- Or, set and send a custom/non-standard browser `User-Agent` request header.
- Or, please upgrade to any paid ngrok account.

ngrok Learn how ngrok fights abuse

Arquitectura-en-la-n × | Tercera práctica de Arqu × | Tercera práctica de Arqu × | G ngrok - Buscar con G × | WordPress › Installation × | +

← → C | 🛡 🔒 dionna-sylphish-joanne.ngrok-free.dev/wp-admin/install.php

WordPress

| English (United States) |
| Afrikaans |
| አማርኛ |
| Aragonés |
| العربية |
| العربية المغربية |
| অসমীয়া |
| گؤنئش آذربایجان |
| Azərbaycan dili |
| Беларуская мова |
| Български |
| বাংলা |
| བོད་ཡིག |
| Bosanski |
| Català |
| Cebuano |
| Čeština |
| Cymraeg |
| Dansk |
| Deutsch (Österreich) |
| Deutsch |
| Deutsch (Sie) |
| Deutsch (Schweiz) |
| Deutsch (Schweiz, Du) |
| Dolnoserbšćina |

Select a default language

Continue

Información necesaria

Por favor, proporciona la siguiente información. No te preocupes, siempre podrás cambiar estos ajustes más tarde.

Título del sitio	ramon
Nombre de usuario	wpuser
	Los nombres de usuario pueden tener únicamente caracteres alfanuméricos, espacios, guiones bajos, guiones medios, puntos y el símbolo @.
Contraseña	••••••••••••
	Ocultar
	Importante: Necesitas esta contraseña para acceder. Por favor, guárdala en un lugar seguro.
Repetir contraseña (obligatorio)	••••••••••••
Confirma la contraseña	☑ Confirma el uso de una contraseña débil.
Tu correo electrónico	ramonaza39@gmail.com
	Comprueba bien tu dirección de correo electrónico antes de continuar.
Visibilidad en los motores de búsqueda	┌─ Visibilidad en los motores de búsqueda ─────── ☐ Pedir a los motores de búsqueda que no indexen este sitio Depende de los motores de búsqueda atender esta petición o no.

Instalar WordPress

-

Escritorio
  - Escritorio
  - Inicio
  - Actualizaciones 0
-

Entradas
  - Entradas
  - Todas las entradas
  - Añadir entrada
  - Categorías
  - Etiquetas
-

Medios
  - Medios
  - Biblioteca
  - Añadir archivo de medios
-

Páginas
  - Páginas
  - Todas las páginas
  - Añadir página
-