

# Wordpress

```
sudo apt install unzip
```

```
sudo mkdir -p /var/www/
```

```
sudo unzip latest.zip -d /var/www/
```

## Step 2: Create a Database and User for WordPress Site

Log into MariaDB shell as root with the following command.

```
sudo mariadb -u root
```

or

```
sudo mysql -u root
```

```
create database wp;
```

```
grant all privileges on wp.* to admin@localhost identified by '12345678';
```

Flush the privileges table for the changes to take effect and then exit out of MariaDB shell.

```
flush privileges;
```

```
exit;
```

## Step 3: Configure WordPress

Go to your WordPress directory.

```
cd /var/www/wordpress/
```

Copy the sample configuration file and rename it to wp-config.php.

```
sudo cp wp-config-sample.php wp-config.php
```

Now edit the new config file with a command-line text editor like Nano.

```
sudo nano wp-config.php
```

Find the following lines and replace the red texts with the database name, username and password you created in the previous step.

```
/** The name of the database for WordPress */
define('DB_NAME', 'database_name_here');

/** MySQL database username */
define('DB_USER', 'username_here');

/** MySQL database password */
define('DB_PASSWORD', 'password_here');
```

Save and close the file. To save the file in Nano text editor, press **Ctrl+O**, then press **Enter** to confirm. Next, press **Ctrl+X** to exit.

We also need to set the Apache user (**www-data**) as the owner of the WordPress site directory using the following command.

```
sudo chown www-data:www-data /var/www/wordpress/ -R
```

## Step 4: Create an Apache Virtual Host file for WordPress

Run the following command to create a virtual host file for your WordPress site in the **/etc/apache2/sites-available/** directory.

```
sudo nano /etc/apache2/sites-available/
```

Put the following texts into the file. Replace the red texts with your own domain name. Don't forget to create A records for your domain name in your DNS manager.

```
<VirtualHost *:80>
    ServerName www.example.com
    ServerAlias example.com

    DocumentRoot /var/www/wordpress

    #This enables .htaccess file, which is needed for WordPress
    #Permalink to work.
    <Directory "/var/www/wordpress">
        AllowOverride All
    </Directory>

    ErrorLog ${APACHE_LOG_DIR}/example.com.error.log
    CustomLog ${APACHE_LOG_DIR}/example.com.access.log combined
```

```
</VirtualHost>
```

Save and close the file. Then test configurations.

```
sudo apache2ctl configtest
```

If you see “Syntax OK”, then enable this virtual host.

```
sudo a2ensite default.conf
```

## Moodle

```
sudo tar -zxvf moodle-3.10.1.tgz -C /var/www
```

```
sudo mysql -u root
```

```
create database moodle;
```

```
grant all privileges on moodle.* to admin@localhost identified by '12345678';
```

```
flush privileges;
```

```
exit;
```

```
sudo chown -R www-data:www-data /var/www/moodle
```

```
sudo chmod -R 755 /var/www/moodle
```

```
sudo mkdir /var/moodledata
```

```
sudo chown -R www-data:www-data /var/moodledata
```

```
sudo chmod -R 755 /var/moodledata
```

```
cd /var/www /moodle
```

```
sudo cp config-dist.php config.php
```

Откройте **config.php** файл для редактирования.

```
sudo nano config.php
```

В разделе **DATABASE SETUP** данных **config.php** файла, сделайте следующее:

1. Замените **pgsql** на **mariadb**
2. Замените **moodle** на имя базы данных, созданной при настройке mariadb
3. Измените **имя пользователя** (admin) на фактическое имя пользователя базы данных, которое вы создали ранее.
4. Измените **пароль (12345678)** на пароль вашей базы данных

Нажимайте клавишу со стрелкой вниз до тех пор, пока не попадете в **раздел WEB SITE LOCATION**, config.php файла.

Заменить на **http://ip**

Прокрутите страницу вниз до раздела **DATA FILES LOCATION**..

Измените **/home/example/moodledata** на ваш каталог данных moodle, который вы создали ранее. Мой был бы **/var/moodledata**

```
sudo nano /etc/apache2/sites-available/
```

Put the following texts into the file. Replace the red texts with your own domain name. Don't forget to create A records for your domain name in your DNS manager.

```
<VirtualHost *:80>
    ServerName www.example.com
    ServerAlias example.com

    DocumentRoot /var/www/moodle

    #This enables .htaccess file, which is needed for WordPress
    #Permalink to work.
    <Directory "/var/www/moodle">
        AllowOverride All
    </Directory>

    ErrorLog ${APACHE_LOG_DIR}/example.com.error.log
    CustomLog ${APACHE_LOG_DIR}/example.com.access.log combined
</VirtualHost>
```

Save and close the file. Then test configurations.

```
sudo apache2ctl configtest
```

If you see "Syntax OK", then enable this virtual host.

```
sudo a2ensite default.conf
```