

Tutorial: Instalar OpenCart Apache

Ramon Caselles Ginestar

Opencart está escrito con php y necesita una base de datos, para ello a parte de apache instalaremos php y mariadb.

```
sudo apt-get install php libapache2-mod-php
```

```
omen@omen:~$ sudo apt-get install php libapache2-mod-php
[sudo] password for omen:
Reading package lists... Done
Building dependency tree
Reading state information... Done
libapache2-mod-php is already the newest version (2:7.4+75).
php is already the newest version (2:7.4+75).
0 upgraded, 0 newly installed, 0 to remove and 38 not upgraded.
```

También necesitamos unos módulos adicionales de php.

```
sudo apt-get install php-cli php-common php-mbstring php-gd php-intl php-xml php-mysql
php-zip
php-curl php-xmldrpc
```

```
omen@omen:~$ sudo apt-get install php-cli php-common php-mbstring php-gd php-int
l php-xml php-mysql php-zip php-curl php-xmldrpc
Reading package lists... Done
Building dependency tree
Reading state information... Done
php-cli is already the newest version (2:7.4+75).
```

Para mariadb.

```
sudo apt install mariadb-server mariadb-client
```

```
Setting up mariadb-client (1:10.3.31-0ubuntu0.20.04.1) ...
Setting up mariadb-server (1:10.3.31-0ubuntu0.20.04.1) ...
Processing triggers for systemd (245.4-4ubuntu3.13) ...
Processing triggers for man-db (2.9.1-1) ...
Progress: [ 99%] [#####]
```

```
sudo mysql_secure_installation
```

```
omen@omen:~$ 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):
```

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Cuando nos pide la contraseña pulsamos enter, luego aceptamos con “y” y escribimos una contraseña nueva. Tras esto aceptamos todo por motivos de seguridad.

```
Cleaning up...

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

Thanks for using MariaDB!
```

A continuación configuramos la base de datos para OpenCart. Entramos en la base de mariadb y creamos una nueva con el nombre de opencartdb.

```
mysql -u root -p
```

```
CREATE DATABASE opencartdb;
```

```
root@omen:/home/omen# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 69
Server version: 10.3.31-MariaDB-0ubuntu0.20.04.1 Ubuntu 20.04

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> CREATE DATABASE opencartdb;
```

Seguimos creando un usuario específico y dándole privilegios para manejar la nueva base de datos.

```
GRANT ALL ON opencartdb.* TO 'opencart_user'@'localhost' IDENTIFIED BY
'opencart1234';
```

```
FLUSH PRIVILEGES;
```

```
exit
```

```
MariaDB [(none)]> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.000 sec)

MariaDB [(none)]> exit
Bye
root@omen:/home/omen# mysql -u opencart_user -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
```

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Ya con la base de datos y el usuario creado descargamos el archivo zip de opencart.

```
wget https://github.com/opencart/opencart/releases/download/3.0.3.8/opencart-3.0.3.8.zip
```

Una vez descargado descomprimos el archivo.

```
sudo unzip opencart-3.0.3.8.zip
```

```
root@omen:/tmp# unzip opencart-3.0.3.8.zip
Archive:  opencart-3.0.3.8.zip
  creating: upload/
  inflating: upload/.htaccess.txt
  creating: upload/admin/
  inflating: upload/admin/config-dist.php
  creating: upload/admin/controller/
  creating: upload/admin/controller/catalog/
```

Seguidamente movemos los archivos descomprimidos de la carpeta upload al contenedor de nuestro servidor apache /var/www/html.

```
sudo mv upload/ /var/www/html/opencart
```

```
root@omen:/tmp# mv upload/ /var/www/html/opencart
root@omen:/tmp# cd /var/www/html/opencart/
root@omen:/var/www/html/opencart# ls
admin    config-dist.php  index.php  php.ini    system
catalog  image           install   robots.txt
```

Copiamos varios archivos de configuración.

```
sudo cp /var/www/html/opencart/config-dist.php /var/www/html/opencart/config.php
```

```
sudo cp /var/www/html/opencart/admin/config-dist.php
/var/www/html/opencart/admin/config.php
```

```
root@omen:/var/www/html/opencart# ls
admin    config-dist.php  image     install   robots.txt
catalog  config.php      index.php  php.ini   system
root@omen:/var/www/html/opencart#
```

Cambiamos los permisos y el propietario de la carpeta.

```
sudo chmod -R 755 /var/www/html/opencart/
```

```
sudo chown -R www-data:www-data /var/www/html/opencart/
```

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A continuación creamos un host virtual para opencart.

```
sudo nano /etc/apache2/sites-available/opencart.conf
```

```
<VirtualHost *:80>
    ServerName empresa1Opencart.com
    ServerAlias www.empresa1Opencart.com
    DocumentRoot "/var/www/html/opencart"

    <Directory /var/www/html/opencart>
        AllowOverride All
        allow from all
    </Directory>

</VirtualHost>
```

```
< virtualHost *:80>
    ServerName empresa1Opencart.com
    ServerAlias www.empresa1Opencart.com
    DocumentRoot /var/www/html/opencart/
    ErrorLog "logs/info.test-error_log"
    CustomLog "logs/info.test-access_log" common

< Directory /var/www/html/opencart/>
    AllowOverride All
    allow from all
< /Directory>

< /VirtualHost>
```

```
a2ensite opencart.conf
```

Antes de hacer un reload desactivamos 000-default.conf y activamos el módulo mod_rewrite

```
a2dissite 000-default.conf
```

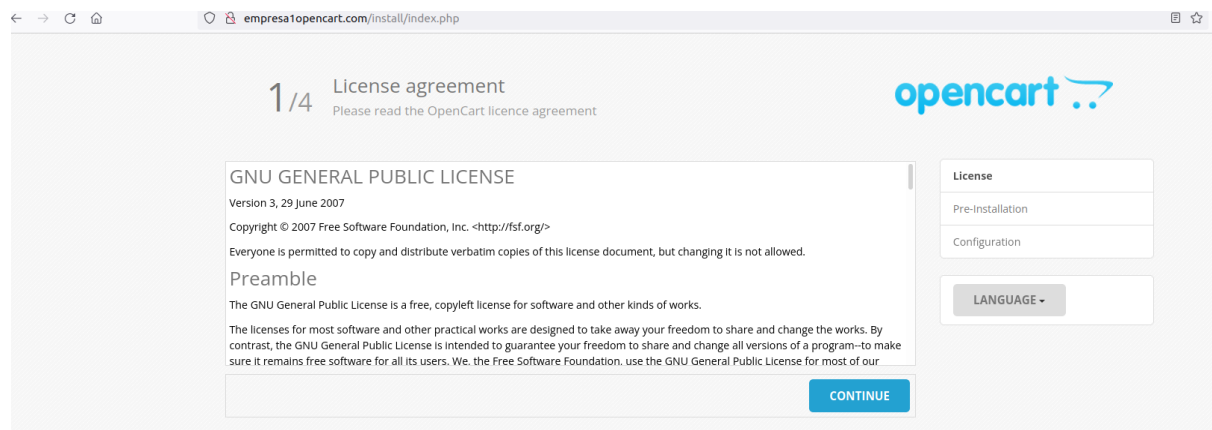
```
a2enmod rewrite
```

```
root@omen:/etc/init.d# a2enmod rewrite
Enabling module rewrite.
To activate the new configuration, you need to run:
    systemctl restart apache2
root@omen:/etc/init.d# systemctl restart apache2
root@omen:/etc/init.d# █
```

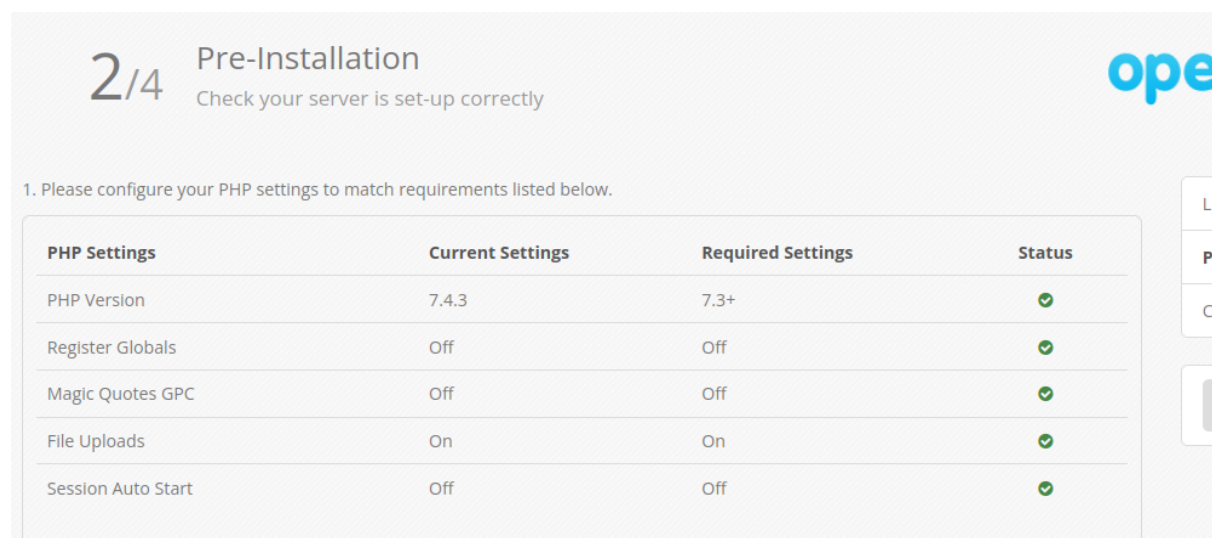
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Finalizadas las configuraciones entramos en el buscador y escribimos la dirección del host virtual. “empresa1Opencart.com”



Pulsamos continuar y continuamos con la instalación.



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Rellenamos los datos con el nombre de usuario y de la base de datos que hemos creado.

3 / 4 Configuration

Enter your database and administration details

opencart .7

1. Please enter your database connection details.

DB Driver

MySQL

* Hostname

localhost

* Username

opencart_user

Password

.....

* Database

opencartdb

* Port

3306

Prefix

oc_

License

Pre-Installation

Configuration

LANGUAGE

BACK

CONTINUE

2. Please enter a username and password for the administration.

* Username

admin

* Password

opencart1234

* E-Mail

ramoncgc@gmail.com


Continuamos y hacemos login con el usuario creado.

4 / 4 Installation complete


Ready to start selling!

opencart .7

Don't forget to delete your installation directory!



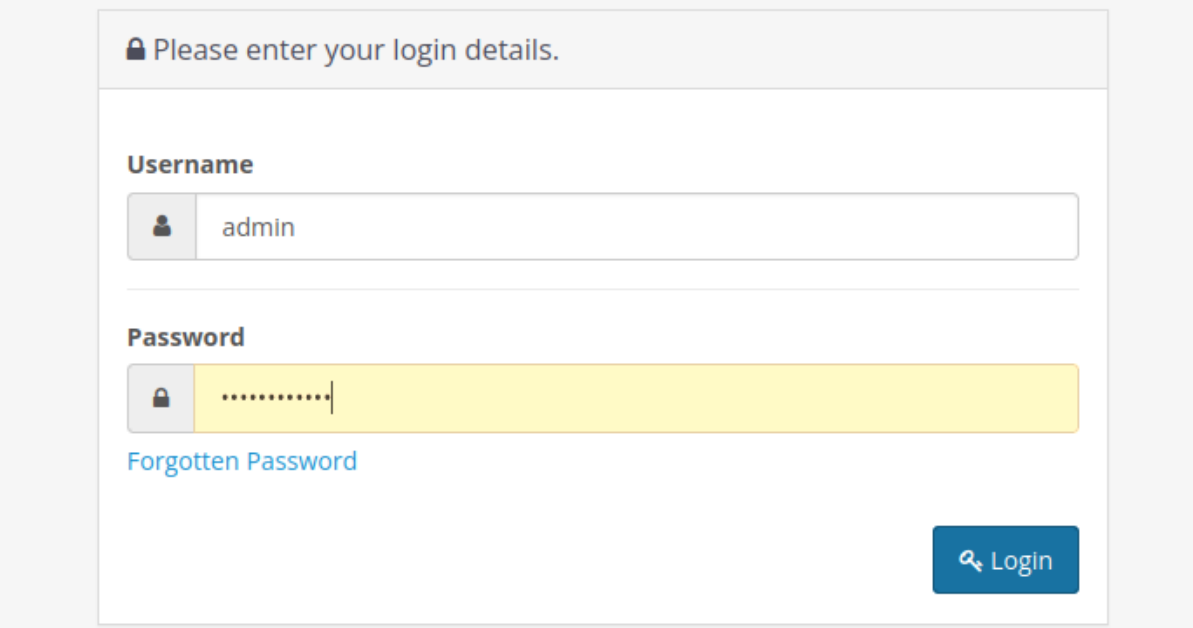
GO TO YOUR ONLINE SHOP



LOGIN TO YOUR ADMINISTRATION

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The image shows the OpenCart login interface. At the top, a grey box contains a lock icon and the text "Please enter your login details." Below this, the "Username" section has a label and a text input field containing "admin". The "Password" section has a label and a password input field with masked characters. Below the password field is a blue link for "Forgotten Password". A blue "Login" button with a magnifying glass icon is located at the bottom right of the form.

Please enter your login details.

Username

Password

[Forgotten Password](#)

[Login](#)

Clickeamos en login y ya tenemos opencart instalado.