



# Install Opigno LMS on Ubuntu

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## Take update

```
sudo apt-get update
```

## Install Apache

```
sudo apt-get install apache2
```

### Important commands for apache

```
sudo service apache2 restart
sudo service apache2 start
sudo service apache2 stop
sudo service apache2 status
```

### Enable mod\_rewrite module

```
sudo a2enmod rewrite
sudo service apache2 restart
```

Make a change to the `/etc/apache2/apache2.conf` file in the following section:

```
<Directory /var/www/>
  Options Indexes FollowSymLinks
  AllowOverride All
  Require all granted
</Directory>
sudo service apache2 restart
```

## Install MySQL

```
sudo apt-get install mysql-server
```

Create database and table commands – Open Mysql shell using mysql command

```
CREATE DATABASE drupal;
CREATE USER drupaluser@localhost IDENTIFIED BY 'cHetana@2023Y';
GRANT ALL ON drupal.* TO 'drupaluser'@'localhost';
FLUSH PRIVILEGES;
Exit
```

(\* Make sure to update database name/ username and password)

## Install PHP

```
sudo apt-get install php
```

### Install PHP dependencies

```
sudo apt install php-bcmath
sudo apt-get install php-zip
sudo apt install php-cli unzip
sudo apt install php-mysql
sudo apt-get install php-xml
sudo apt install php-mbstring
sudo apt install php-gd

sudo service apache2 restart
```

### Uncomment dependencies in php.ini file

Location of the file is /etc/php/8.1/apache2/ - Uncomment gd2, mbstring, mysqli and all the extensions starting with pdo

### Update file upload settings

Post\_max\_size to 20M available under **Data Handling**

Upload\_max\_filesize to 20M under **File Uploads**

sudo service apache2 restart

### Install composer using below link

<https://www.digitalocean.com/community/tutorials/how-to-install-composer-on-ubuntu-22-04-quickstart>

### Install Opigno

Navigate to /var/www/html folder and install opigno using below command

```
composer create-project opigno/opigno-composer:^3.0
```

Go to opigno-composer/web/sites/default folder – Create settings.php file and set permissions to folder and files using below commands

```
cp default.settings.php settings.php
chmod 777 settings.php
chmod 777 default
```

Create files folder under default folder and give write permission

```
mkdir files
sudo chmod 777 -R files
```

Visit the website link and follow the steps to install opigno

<http://<ip-address>/opigno-composer/web/>

### Important Commands to view apache logs if required

```
tail -f /var/log/apache2/access.log
tail -f /var/log/apache2/error.log
```

### Important Links

<https://www.digitalocean.com/community/tutorials/how-to-install-composer-on-ubuntu-22-04-quickstart>

<https://www.valuebound.com/resources/blog/how-install-opigno-lms>