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Steps to install Drupal on Ubuntu 18.04

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>
```

Restart apache server

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' IDENTIFIED BY 'cHetana@2023Y';  
  
FLUSH PRIVILEGES;
```

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

Install PHP

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

Install PHP dependencies

```
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
```

Uncomment dependencies in php.ini file

Location of the file is /etc/php/7.2/apache2. Uncomment gd2, xmlrpc, mysqli and all the extensions starting with pdo

Install composer using below link

<https://www.digitalocean.com/community/tutorials/how-to-install-and-use-composer-on-ubuntu-20-04>

Install drupal

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

```
composer create-project drupal/recommended-project:8.9.20 "install-dir"
```

Go to drupal folder – Create settings.php file and set permissions to folder and files using below commands

```
root@ubuntu18:/var/www/html/drupal8/web/sites# chmod 777 default
```

```
root@ubuntu18:/var/www/html/drupal8/web/sites/default# cp default.settings.php settings.php
```

```
root@ubuntu18:/var/www/html/drupal8/web/sites/default# chmod 777 settings.php
```

Visit the website link and follow the steps to install drupal

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-linux-apache-mysql-php-lamp-stack-on-ubuntu-14-04>

<https://www.digitalocean.com/community/tutorials/initial-server-setup-with-ubuntu-18-04>

<https://www.digitalocean.com/community/tutorials/how-to-install-and-use-composer-on-ubuntu-20-04>

<https://www.digitalocean.com/community/tutorials/how-to-install-drupal-on-an-ubuntu-14-04-server-with-apache>

https://www.digitalocean.com/community/tutorials/how-to-set-up-mod_rewrite-for-apache-on-ubuntu-14-04

<https://www.drupal.org/project/drupal/releases/>

<https://www.drupal.org/docs/develop/using-composer/manage-dependencies>