

## Laravel Installation :

#Step 1 – Install LAMP (php,apache2,mysql username:root ,password: password for mysql)

#install php7.2

sudo apt-get install python-software-properties

sudo add-apt-repository ppa:ondrej/php

sudo apt-get update

sudo apt install php7.2

sudo apt install php7.2-cli php7.2-common php7.2-curl php7.2-gd php7.2-json

php7.2-mbstring php7.2-mysql php7.2-xml

sudo apt-get install apache2 libapache2-mod-php7.2

sudo apt-get install mysql-server php7.2-mysql

#step2 install composer

curl -sS https://getcomposer.org/installer | php

sudo mv composer.phar /usr/local/bin/composer

sudo chmod +x /usr/local/bin/composer

sudo apt-get install git

cd /var/www

sudo chown -R admini /var/www

git clone https://github.com/laravel/laravel.git

cd /var/www/laravel

sudo composer install

chown -R www-data.www-data /var/www/laravel

chmod -R 755 /var/www/laravel

chmod -R 777 /var/www/laravel/storage

mv .env.example .env

php artisan key:generate

vi .env

mysql -u root -p

mysql>CREATE DATABASE laravel;

mysql> GRANT ALL ON laravel.\* to 'laravel'@'localhost' IDENTIFIED BY 'secret';

mysql> FLUSH PRIVILEGES;

mysql> quit

admini@admin-G41M-ES2L:/var/www/laravel\$ sudo gedit .env

DB\_CONNECTION=mysql

DB\_HOST=127.0.0.1

DB\_PORT=3306

DB\_DATABASE=laravel

DB\_USERNAME=laravel

DB\_PASSWORD=secret

sudo gedit /etc/apache2/sites-enabled/000-default.conf

removed

<VirtualHost \*:80>

# The ServerName directive sets the request scheme, hostname and port that

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# the server uses to identify itself. This is used when creating
# redirection URLs. In the context of virtual hosts, the ServerName
# specifies what hostname must appear in the request's Host: header to
# match this virtual host. For the default virtual host (this file) this
# value is not decisive as it is used as a last resort host regardless.
# However, you must set it for any further virtual host explicitly.
#ServerName www.example.com
ServerAdmin webmaster@localhost
DocumentRoot /var/www/html
# Available loglevels: trace8, ..., trace1, debug, info, notice, warn,
# error, crit, alert, emerg.
# It is also possible to configure the loglevel for particular
# modules, e.g.
#LogLevel info ssl:warn
ErrorLog ${APACHE_LOG_DIR}/error.log
CustomLog ${APACHE_LOG_DIR}/access.log combined
# For most configuration files from conf-available/, which are
# enabled or disabled at a global level, it is possible to
# include a line for only one particular virtual host. For example the
# following line enables the CGI configuration for this host only
# after it has been globally disabled with "a2disconf".
#Include conf-available/serve-cgi-bin.conf

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</VirtualHost>

paste this

<VirtualHost \*:80>

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ServerAdmin webmaster@localhost
DocumentRoot /var/www/laravel/public
<Directory />
    Options FollowSymLinks
    AllowOverride None
</Directory>
<Directory /var/www/laravel>
    AllowOverride All
</Directory>
ErrorLog ${APACHE_LOG_DIR}/error.log
CustomLog ${APACHE_LOG_DIR}/access.log combined

```

</VirtualHost>