

Server Setup

Linux Server Setup for Production Deployment

```
sudo apt-get update
```

Install apache server

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

Checking your Apache configuration for syntax errors:

```
sudo apache2ctl configtest
```

Install MySQL

```
sudo apt update
sudo apt install mysql-client mysql-server
sudo mysql_secure_installation

CREATE DATABASE laravel;
mysql -u root -p
CREATE USER 'laravel'@'localhost' IDENTIFIED BY 'secret';
GRANT ALL ON laravel.* to 'laravel'@'localhost';
FLUSH PRIVILEGES;
quit
```

PHP 8.1 Install

```
sudo apt -y install php8.1

sudo apt-get install -y php8.1-cli php8.1-json php8.1-common php8.1-mysql php8.1-zip
php8.1-gd php8.1-mbstring php8.1-curl php8.1-xml php8.1-bcmath

sudo apt-get install php8.1-mysqli

php -v
```

Restart Apache

```
sudo service apache2 restart
```

Composer Install

Once php installed, need to install composer if not installed on machine. To install composer please follow following steps. [Reference link](#)

```
php -r "copy('https://getcomposer.org/installer', 'composer-setup.php');"
php -r "if (hash_file('sha384', 'composer-setup.php') ===
'55ce33d7678c5a611085589f1f3ddf8b3c52d662cd01d4ba75c0ee0459970c2200a51f492d557530c71c
15d8dba01eae') { echo 'Installer verified'; } else { echo 'Installer corrupt';
unlink('composer-setup.php'); } echo PHP_EOL;"
php composer-setup.php
php -r "unlink('composer-setup.php');"
```

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

```
composer -v
```

Apache Config and virtual hosts

```
<Directory "/var/www/html">
    Options Indexes FollowSymLinks
    AllowOverride All
    Require all granted
</Directory>
```

copy the virtual config

```
vi [Real Domain Address or Dummy Domain Address Like (www.dummy-host.com)].conf
```

```
<VirtualHost *:80>
    ServerName [Real Domain Address or Dummy Domain Address Like (www.dummy-
host.com)]
    ServerAdmin webmaster@[Real Domain Address or Dummy Domain Address Like
(www.dummy-host.com)]
    DocumentRoot /var/www/html

    <Directory /var/www/html>
        AllowOverride All
    </Directory>

    ErrorLog /var/www/html/error.log
    CustomLog /var/www/html/access.log combined
</VirtualHost>
```

```
sudo a2dissite 000-default.conf
sudo a2ensite [Real Domain Address or Dummy Domain Address Like (www.dummy-host.com)]
sudo a2enmod rewrite
sudo systemctl restart apache2
```

Windows Server Setup For Local Deployment

Use XAMPP or WAMP, if use XAMPP (PHP development environment) for installing php and Mysql or MariaDB server in windows local machine, for this case download xampp version (7.3 / PHP 7.3) in c drive.

Once installed xapmm, update configure apache server if needed, in this case go to C:\xampp\php\php.ini and extend limit max_execution_time = 10000 , max_input_time = 10000, memory_limit = 2048M, post_max_size = 2048M, upload_max_filesize = 2048M .

Composer Install

Once XAMPP installed successfully, need to install composer if not installed on machine. To install composer please follow following steps. [Download link](#)

Download and run Composer-Setup.exe - it will install the latest composer version whenever it is executed. Once downloaded composer.exe, install this file and use command line path (C:\xampp\php\php.exe)

Now open the xampp server then run Apache and MySQL service.

Project folder path should be C:\xampp\htdocs

To check composer version run this command into cli

```
composer -v
```

Install Project using Git

```
git clone https://github.com/a2i-dpg/ekShop.git
cp .env.example .env
import database (find DB in database folder)
composer install
php artisan storage:link
php artisan key:generate
php artisan passport:install --force
```

Site URL Shoud Be Like

- http://localhost/project_folder
or
- <http://www.dummy-host.com> (Or Real Domain Address)

Default Users

#Login as an Admin Username: admin@admin.com Password: 123456

#Login as a Customer Username: customer@example.com Password: 123456

#Login as a Seller Username: seller@example.com Password: 123456