

Aranjue's Marketplace Script Setup Guide

Officially supported OS: Debian 11 and Arch Linux.

At this documentation we will continue with Debian 11 OS.

There will be two stages:

- 1) PHP – MySQL – Composer – NPM Setup
- 2) Monero Daemon Setup
- 3) Waking up the system with PHP Artisan

Let's Start;

Update system repos and applications:

```
sudo apt update
```

```
sudo apt dist-upgrade
```

Install PHP 8.1 (lower PHP versions don't supported)

Note: When this documentation wrote, PHP 8.1 is not added to Debian 11 repos. So we will call Sury PPA.

```
sudo apt install apt-transport-https lsb-release ca-certificates curl
```

```
sudo wget -O /etc/apt/trusted.gpg.d/php.gpg https://packages.sury.org/php/apt.gpg
```

```
sudo sh -c 'echo "deb https://packages.sury.org/php/ $(lsb_release -sc) main" > /etc/apt/sources.list.d/php.list'
```

```
sudo apt update
```

```
sudo apt install php8.1 php8.1-fpm
```

>>> And now, check php8.1 installation:

```
php --version
```

>>> Lets continue with PHP dependencies:

```
sudo apt install php8.1-mbstring php8.1-xml php8.1-xmlrpc php8.1-gmp php8.1-curl  
php8.1-gd php-mysql php-redis composer unzip -y
```

Install MySQL (MariaDB) Server and Configure Database

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

```
sudo sudo mysql_secure_installation
```

>>> This command will guide you through securing your MySQL connection.

```
sudo mysql
```

>>> And time to create database, user and permissions. I will use **‘emperor’** for all lines. You must change it and set up on your .env file. **So take note your database name, database username, database password. You’ll use them.**

```
create database emperor;
```

```
create user ‘emperor’ @’localhost’ identified by ‘emperor’;
```

```
grant all on emperor.* to ‘emperor’ @’localhost’;
```

```
exit
```

Install Redis Cache Server

```
sudo apt install redis-server
```

```
sudo nano /etc/redis/redis.conf
```

>>> And find # requirepass foobar; uncomment it and change foobar to your password. **Take note of your redis password. You’ll use it again.**

```
requirepass yourpassword
```

>>> Check your redis server.

```
sudo systemctl status redis
```

>>> You need to see: active (running) prompt.

Installing NPM

```
sudo apt install nodejs
```

```
sudo apt install npm
```

Stage 2: Installing Monero CLI

```
cd ~
```

```
wget https://downloads.getmonero.org/linux64
```

```
tar jxvf linux64
```

```
cd monero-x86_64-linux-gnu-v** (** enter current version or use TAB for  
autocomplete)
```

```
./monerod
```

>>> Now it starting the monero daemon. It may took 6hours-1week for sync blockchain transactions depends on your network and hardware.

>>> You need to see:

SYNCHRONIZED OK

You are now synchronized with the network. You may now start monero-wallet-cli.

Creating Monero Wallet

```
./monero-wallet-cli --generate-new-wallet walletName --create-address-file --password 'walletpassword'
```

>>> Take note walletName and walletpassword (You must change them for security)

Connecting Monero Wallet with the Daemon

```
./monero-wallet-rpc --rpc-bind-port 18083 --rpc-bind-ip 127.0.0.1 --disable-rpc-login --wallet-file walletName
```

>>> This command will ask walletpassword.

Time to wake up web system

>>> Enter marketplace directory with cd command

```
cd /path/marketplace
```

```
nano .env
```

>>> You need to edit these parts with your definations:

```
DB_DATABASE=
```

```
DB_USERNAME=
```

```
DB_PASSWORD=
```

```
REDIS_PASSWORD=
```

```
composer install
```

```
npm install
```

```
npm run prod
```

NOTE: If you got problems with npm / nodejs; set up versions to:

```
npm: v8.10.0
```

```
node: v18.3.0
```

```
php artisan key:generate
```

```
php artisan migrate:fresh --seed
```

```
php artisan storage:link
```

```
>>> We're done. Lets start it:
```

At the end you will have FOUR active terminal tabs.

At first (in marketplace directory):

```
php artisan serve
```

At second (in marketplace directory):

```
php artisan schedule:work
```

At third (in monero-x86_64-linux-gnu-v directory):**

```
./monerod
```

At fourth (in monero-x86_64-linux-gnu-v directory):**

```
./monero-wallet-rpc --rpc-bind-port 18083 --rpc-bind-ip 127.0.0.1 --disable-rpc-login --  
wallet-file walletName
```

Default admin/vendor account:

username: admin

password: admin123

Change credentials of admin/vendor account **OR**

Create a new user

```
enter mysql;
```

```
sudo mysql
```

GET ID of which user you want to make vendor

```
select id from databasename.users where username = 'writeusername';
```

You will get something like that, write it on user-id part:

aba111c2-91f0-4b8f-b923-25d3191c6107

```
INSERT INTO databasename.vendors
```

```
VALUES('user-id', 0, 0, "", NULL, NULL, 0, 0, now(), now());
```