How to install magento 2.4.6 on windows 10 /11 localhost

<https://www.youtube.com/watch?v=QzMx-pnV9oU>

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Download and install XAMPP

https://www.apachefriends.org/download.html

[PHP.ini]

extension=gd

extension=intl

extension=soap

extension=sockets

extension=sodium

extension=xsl

extension=zip

max\_execution\_time= 120000

max\_input\_time=6000

memory\_limit=3G

Download and install composer

Compopser https://getcomposer.org/download/

----------------------------------------------------------------------------------------------- Download and run Elasticsearch

https://artifacts.elastic.co/downloads/elasticsearch/elasticsearch-7.16.3-windows-x86\_64.zip

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Download Magento

composer create-project --repository-url=https://repo.magento.com/ magento/project-community-edition mage2rock

composer create-project --repository-url=https://repo.magento.com/ magento/project-community-edition mage2guru

composer create-project --repository-url=https://repo.magento.com/ magento/project-community-edition mage2module

composer create-project --repository-url=https://repo.magento.com/ magento/project-community-edition mage2songlong

composer create-project --repository-url=https://repo.magento.com/ magento/project-community-edition magento2

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composer create-project --repository-url=https://repo.magento.com/ magento/project-community-edition=2.4.5 magento2

composer create-project --repository-url=https://repo.magento.com/ magento/project-community-edition=2.4.4 magento2

composer create-project --repository-url=https://repo.magento.com/ magento/project-community-edition=2.4.7-p2 magento2

composer create-project --repository-url=https://repo.magento.com/ magento/project-community-edition=2.4.7-p2 m2extension

|  |
| --- |
| composer create-project --repository-url=https://repo.magento.com/ magento/project-community-edition=2.4.7-p2 magento2  Cần chú ý về vấn đề đó là phiên bản của CMS được cài đặt trên hệ thống, cài các phiên bản mới quá sẽ gây một số lỗi. |

You can also run `php --ini` in a terminal to see which files are used by PHP in CLI mode.

Alternatively, you can run Composer with `--ignore-platform-req=ext-ftp` to temporarily ignore these required extensions.

Chú ý: khi bị vấn đề này thì ta sử dụng lệnh **>> php –ini** để xác địphphnh file cấu hình ở đâu rồi thực hiện việc điều chỉnh.

Public Key(username): 49d5e318ce1764cbb3b709e1380b34ce

Private Key(password): 5b36e15269917b811c1516fa07567e72

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Server configuration (Create virtual host)

C:\xampp\apache\conf\extra\httpd-vhosts.conf

<VirtualHost \*:80>

    DocumentRoot "C:/xampp/htdocs/mage2rock/pub"

    ServerName mage2rock.magento.com

</VirtualHost>

<VirtualHost \*:80>

    DocumentRoot "C:/xampp/htdocs"

    ServerName localhost

</VirtualHost>

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then open *C:\Windows\System32\drivers\etc\hosts* file in notepad and add the below line at the bottom of the file.

127.0.0.1 mage2rock.magento.com

[**https://gist.github.com/jentanbernardus/7930e5b5968073d6f55080399fd03d54**](https://gist.github.com/jentanbernardus/7930e5b5968073d6f55080399fd03d54)

**Restart XAMPP**

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Create Database in phpmyadmin

http://localhost/phpmyadmin/

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**Install Magento**

php bin/magento setup:install --base-url="http://mage2rock.local.com/" --db-host="localhost" --db-name="mage2rock" --db-user="root" --db-password="" --admin-firstname="admin" --admin-lastname="admin" --admin-email="info@mage2rock.local.com" --admin-user="admin" --admin-password="admin@123456" --language="en\_US" --currency="USD" --timezone="America/Chicago" --use-rewrites="1" --backend-frontname="admin" --search-engine=elasticsearch7 --elasticsearch-host="localhost" --elasticsearch-port=9200

php bin/magento setup:install --base-url="http://mage2guru.local.com/" --db-host="localhost" --db-name="mage2guru" --db-user="root" --db-password="" --admin-firstname="admin" --admin-lastname="admin" --admin-email="info@mage2guru.local.com" --admin-user="admin" --admin-password="admin@123456" --language="en\_US" --currency="USD" --timezone="America/Chicago" --use-rewrites="1" --backend-frontname="admin" --search-engine=elasticsearch7 --elasticsearch-host="localhost" --elasticsearch-port=9200

php bin/magento setup:install --base-url="http://mage2module.local.com/" --db-host="localhost" --db-name="mage2module" --db-user="root" --db-password="" --admin-firstname="admin" --admin-lastname="admin" --admin-email="info@mage2module.local.com" --admin-user="admin" --admin-password="admin@123456" --language="en\_US" --currency="USD" --timezone="America/Chicago" --use-rewrites="1" --backend-frontname="admin" --search-engine=elasticsearch7 --elasticsearch-host="localhost" --elasticsearch-port=9200

Website Songlong:

php bin/magento setup:install --base-url="http://mage2songlong.local.com/" --db-host="localhost" --db-name="mage2songlong" --db-user="root" --db-password="" --admin-firstname="admin" --admin-lastname="admin" --admin-email="info@mage2songlong.local.com" --admin-user="admin" --admin-password="admin@123456" --language="en\_US" --currency="USD" --timezone="America/Chicago" --use-rewrites="1" --backend-frontname="admin" --search-engine=elasticsearch7 --elasticsearch-host="localhost" --elasticsearch-port=9200

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 Website test Magento 2

php bin/magento setup:install --base-url="http://magento2.local/" --db-host="localhost" --db-name="magento2" --db-user="root" --db-password="root" --admin-firstname="admin" --admin-lastname="admin" --admin-email="info@magento2.local" --admin-user="admin" --admin-password="admin@123456" --language="en\_US" --currency="USD" --timezone="America/Chicago" --use-rewrites="1" --backend-frontname="admin" --search-engine=elasticsearch7 --elasticsearch-host="localhost" --elasticsearch-port=9200

(Chú ý không được có Space trong cài đặt)

|  |
| --- |
| php bin/magento setup:install --base-url="http://quickstart246.local" --db-host="localhost" --db-name="m2\_porto" --db-user="root" --db-password="root" --admin-firstname="admin" --admin-lastname="admin" [--admin-email="admin@admin.com"](mailto:--admin-email=%22admin@admin.com) --admin-user=“admin” --admin-password="admin@123456" --use-rewrites="1" --backend-frontname="admin" |

php bin/magento setup:install --base-url="http://quickstart246.local" --db-host="localhost" --db-name="m2\_porto" --db-user="root" --db-password="root" --admin-firstname="admin" --admin-lastname="admin" [--admin-email="admin@admin.com"](mailto:--admin-email=%22admin@admin.com) --admin-user=“admin” --admin-password="admin@123456" --use-rewrites="1" --backend-frontname="admin"

php bin/magento setup:install --base-url="http://czone.local" --db-host="localhost" --db-name="czone\_tech" --db-user="root" --db-password="root" --admin-firstname="admin" --admin-lastname="admin" [--admin-email="admin@admin.com"](mailto:--admin-email=%22admin@admin.com) --admin-user=“admin” --admin-password="admin@123456" --use-rewrites="1" --backend-frontname="admin"

php bin/magento setup:install --base-url="http://m2extension.local" --db-host="localhost" --db-name="m2extension" --db-user="root" --db-password="root" --admin-firstname="admin" --admin-lastname="admin" [--admin-email="admin@admin.com"](mailto:--admin-email=%22admin@admin.com) --admin-user=“admin” --admin-password="admin@123456" --use-rewrites="1" --backend-frontname="admin"

|  |
| --- |
| C:\MAMP\conf\apache\extra  *Trong mốt số trường hợp phần cấu hình sẽ bị nhảy xuống trong thư mục bin của hệ thống MAMP nếu không tỉnh táo chúng ta sẽ rất mất thời gian để tìm kiếm.*  C:\MAMP\bin\apache\conf\extra |
| *C:\Windows\System32\drivers\etc\hosts* |

 Find validateURLScheme function in vendor\magento\framework\Image\Adapter\Gd2.php file. at line 70. Replace function with this:

private function validateURLScheme(string $filename) : bool

{

          $allowed\_schemes = ['ftp', 'ftps', 'http', 'https'];

          $url = parse\_url($filename);

          if ($url && isset($url['scheme']) && !in\_array($url['scheme'], $allowed\_schemes) && !file\_exists($filename)) {

              return false;

          }

          return true;

}

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 Go to: C:\xampp\htdocs\magento2.4\vendor\magento\framework\View\Element\Template\File - > Edit Validator.php using a text editor and find this line: Find this line

 ph

 strpos($realPath, $directory)

 Replace strpos($path, $directory)

*Sau đó tiến hành lại lệnh cài và cho ra kết quả nothing to import rồi làm như bên dưới*

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 Then, Open up app/etc/di.xml in the editor, fint this line

 “Magento\Framework\App\View\Asset\MaterializationStrategy\**Symlink**” replace

 “Magento\Framework\App\View\Asset\MaterializationStrategy\**Copy**”

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#### Sử lỗi khi biên dịch setup:di:compile

|  |
| --- |
| Warning: file\_put\_contents(C:/xampp/htdocs/mage2guru/generated/metadata/primary|global|plugin-list.php): Failed to open stream: No such file or directory in C:\xampp\htdocs\mage2  guru\vendor\magento\framework\Interception\PluginListGenerator.php on line 411 |

Để fix lỗi bên trên, ta có thể làm theo các bước như sau:

Mở PluginListGenerator.php và file đó đặt tại vendor/magento/framework/Interception/

Sau đó đi đến dòng số 414 và tìm cụm từ scopePriorityScheme trong PluginListGenerator.php file.

|  |
| --- |
| "$cacheId = implode('|', $this->scopePriorityScheme) . "|" . $this->cacheId;"  with  "$cacheId = implode('-', $this->scopePriorityScheme) . "-" . $this-php>cacheId;" |

Sau đó chúng ta biên dịch lại với lệnh bin/magento setup:di:compile nó sẽ hoạt động.

**Run Below Command**

php bin/magento indexer:reindex

php bin/magento setup:upgrade

php bin/magento setup:static-content:deploy -f

php bin/magento cache:flush

php bin/magento setup:di:compile & php bin/magento setup:upgrade & php bin/magento indexer:reindex & php bin/magento setup:static-content:deploy –f & php bin/magento cache:flush

php bin/magento module:disable Magento\_AdminAdobeImsTwoFactorAuth Magento\_TwoFactorAuth

<https://www.nexcess.net/blog/magento-2-sample-data/>

$ php bin/magento setup:upgrade

$ php bin/magento cache:clean

$ php bin/magento cache:flush

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Thanks for watching------------