

How to install PrestaShop on Ubuntu 20.04 Server

 how2shout.com/linux/how-to-install-prestashop-on-ubuntu-20-04-server/

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*Learn the simple steps to **install** and set up **the Prestashop e-commerce** platform on **Ubuntu 20.04** or **18.04 LTS Linux server** running on **localhost** or **cloud hosting** such as **AWS, Google, DigitalOcean, etc.***

PrestaShop is an open-source and free-to-use e-commerce platform that has been written in PHP and is suitable to all sizes of businesses that want their products to be sold online. However, the appropriate developer and support are necessary.

This free e-commerce platform is available in two versions community and premium which is hosted and managed by the developers themselves. The hosting is provided IONOS. Well, for those who want to host the Prestashop own their cloud hosting platforms, and have technical knowledge; the community edition is good to go. Whereas, all functions and modules which are not free, you have to purchase them for a fee. Also, the pre-build modules help a lot to extend the functions of Prestashop as required. Therefore, you don't have to spend any money on features that you don't need in the end.

The PrestaShop is quite flexible that's why it gives the user the choice to opt between numerous themes, modules, and extensions, even if the number cannot keep up with giants like Magento.

The e-commerce platform is ideal for small shops and startups who desire to open online e-stores but at relatively low investment but in a very quick way.

System Requirements to install Prestashop on Ubuntu

- Ubuntu 20.04 or 18.04 Linux server with root access
- Prestashop setup files
- Web server: Apache or Nginx
- PHP 5.6+ with extensions: Mcrypt, OpenSSL, Zip, Curl, GD, PDO and **memory_limit** to "128M" and **upload_max_filesize** to "16M"
- MySQL 5.0+

Access your Ubuntu 20.04 Server

If you are on the cloud then simply login and access the terminal using SSH. Or use the local command terminal to do the same. Well, if you are installing Prestashop on a locally installed Linux server or desktop then you would already be there.

Now, first, run the system update and upgrade commands:

```
sudo apt update  
sudo apt upgrade
```

Install Apache and MySQL

You can use Nginx, however, here we are using the command on popular web server Apache to show this tutorial along with Mysql Database.

```
sudo apt install apache2
```

Enable Apache mod_rewrite module

```
sudo a2enmod rewrite
```

```
sudo systemctl restart apache2
```

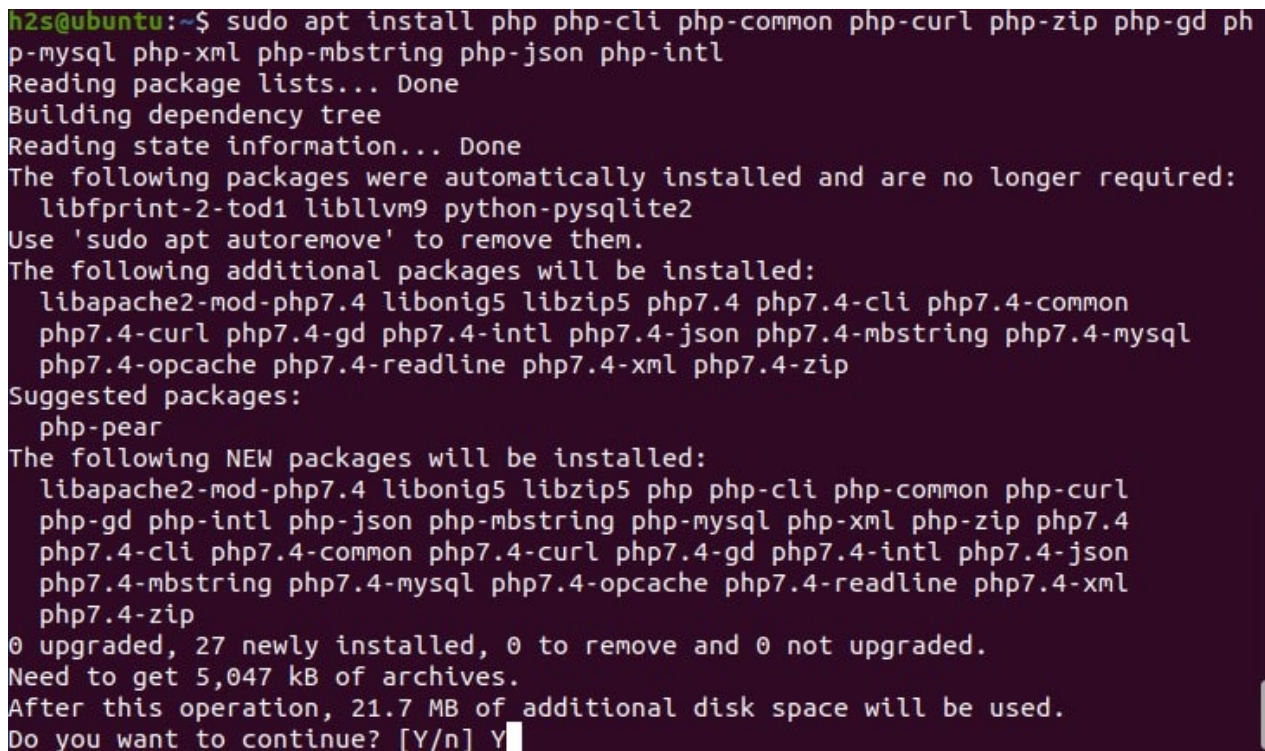
Install MySQL server

```
sudo apt install mysql-server
```

Get and Install PHP

The latest version of the PHP available on Ubuntu 20.04 LTS by default is v7.4 which could be different depending on when you are performing this tutorial. However, no need to worry about that. Just simply run the below command and the system will install the available supported version of PHP along with other key extensions we need to set up PrestaShop.

```
sudo apt install php php-cli php-common php-curl php-zip php-gd php-mysql php-xml php-mbstring php-json php-intl
```



```
h2s@ubuntu:~$ sudo apt install php php-cli php-common php-curl php-zip php-gd php-mysql php-xml php-mbstring php-json php-intl
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libfprint-2-tod1 libllvm9 python-pysqlite2
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  libapache2-mod-php7.4 libonig5 libzip5 php7.4 php7.4-cli php7.4-common
  php7.4-curl php7.4-gd php7.4-intl php7.4-json php7.4-mbstring php7.4-mysql
  php7.4-opcache php7.4-readline php7.4-xml php7.4-zip
Suggested packages:
  php-pear
The following NEW packages will be installed:
  libapache2-mod-php7.4 libonig5 libzip5 php php-cli php-common php-curl
  php-gd php-intl php-json php-mbstring php-mysql php-xml php-zip php7.4
  php7.4-cli php7.4-common php7.4-curl php7.4-gd php7.4-intl php7.4-json
  php7.4-mbstring php7.4-mysql php7.4-opcache php7.4-readline php7.4-xml
  php7.4-zip
0 upgraded, 27 newly installed, 0 to remove and 0 not upgraded.
Need to get 5,047 kB of archives.
After this operation, 21.7 MB of additional disk space will be used.
Do you want to continue? [Y/n] Y
```

Now, change the memory and upload file limits.

To find the path of your php.ini file run the below command:

```
php -i | grep -i php.ini
```

Now, see the path and use it to edit the php.ini file

In our case it was:

```
sudo nano /etc/php/7.4/cli/php.ini
```

```
Setting up php-gd (2:7.4+75) ...
Setting up libapache2-mod-php7.4 (7.4.3-4ubuntu2.4) ...

Creating config file /etc/php/7.4/apache2/php.ini with new version
Module mpm_event disabled.
Enabling module mpm_prefork.
apache2_switch_mpm Switch to prefork
apache2_invoke: Enable module php7.4
Setting up php-xml (2:7.4+75) ...
Setting up php7.4 (7.4.3-4ubuntu2.4) ...
Setting up php (2:7.4+75) ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for libc-bin (2.31-0ubuntu9.1) ...
Processing triggers for php7.4-cli (7.4.3-4ubuntu2.4) ...
Processing triggers for libapache2-mod-php7.4 (7.4.3-4ubuntu2.4) ...
h2s@ubuntu:~$ sudo a2enmod rewrite
Enabling module rewrite.
To activate the new configuration, you need to run:
  systemctl restart apache2
h2s@ubuntu:~$ systemctl restart apache2
h2s@ubuntu:~$ php -i | grep -i php.ini
Configuration File (php.ini) Path => /etc/php/7.4/cli
Loaded Configuration File => /etc/php/7.4/cli/php.ini
h2s@ubuntu:~$ sudo nano /etc/php/7.4/cli/php.ini
```

Find two lines:

Change memory_limit value to 128M

```
memory_limit= 128M
```

```
GNU nano 4.8 /etc/php/7.4/cli/php.ini Modified
; http://php.net/max-input-nesting-level
;max_input_nesting_level = 64

; How many GET/POST/COOKIE input variables may be accepted
;max_input_vars = 1000

; Maximum amount of memory a script may consume (128MB)
; http://php.net/memory-limit
memory_limit = 128

;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;
; Error handling and logging ;
;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;

; This directive informs PHP of which errors, warnings and notices you would like
; it to take action for. The recommended way of setting values for this
; directive is through the use of the error level constants and bitwise
; operators. The error level constants are below here for convenience as well as
; some common settings and their meanings.
; By default, PHP is set to take action on all errors, notices and warnings EXCEPT
```

^G Get Help	^O Write Out	^W Where Is	^K Cut Text	^J Justify	^C Cur Pos
^X Exit	^R Read File	^_ Replace	^U Paste Text	^T To Spell	^_ Go To Line

And also increase the upload size of the file to 16 MB or 32 MB, as per your requirements.

```
upload_max_filesize = 32M
```

```
GNU nano 4.8 /etc/php/7.4/cli/php.ini Modified
;cgi.check_shebang_line=1

;
; File Uploads ;
;
; Whether to allow HTTP file uploads.
; http://php.net/file-uploads
file_uploads = On

; Temporary directory for HTTP uploaded files (will use system default if not
; specified).
; http://php.net/upload-tmp-dir
upload_tmp_dir =

; Maximum allowed size for uploaded files.
; http://php.net/upload-max-filesize
upload_max_filesize = 16M

; Maximum number of files that can be uploaded via a single request

^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify ^C Cur Pos
^X Exit ^R Read File ^\ Replace ^U Paste Text ^T To Spell ^_ Go To Line
```

Finally, restart the apache

```
sudo systemctl restart apache2
```

Download PrestaShop

The latest version of the PrestaShop while performing this tutorial was v1.7.6.8. Thus, here we are downloading the same. Here is the [Github page link](#) to get the latest release or use the given command to get it.

```
cd /tmp
```

```
curl -s https://api.github.com/repos/PrestaShop/PrestaShop/releases/latest | grep
"browser_download_url.*zip" | cut -d : -f 2,3 | tr -d \" | wget -qi -
```

Unzip and move Prestashop to the www folder

After downloading the latest version of the PrestaShop, unzip it and move the folder to the webroot directory of the webserver. So, that it could be used safely for calling through a web browser.

```
sudo unzip prestashop_*.zip -d /var/www/prestashop/
```

Note: If you don't have an unzip tool, then install it using the command: `sudo apt install unzip`

Change Permission to Apache user

Change the permission of Prestashop folder to Apache's www-data user and group, for that the syntax will be:

```
sudo chown -R www-data: /var/www/prestashop/
```

Secure MySQL Installation

If you are installing the Prestashop on **localhost** then you can **skip this step**, however, for those who want it to use for commercial purposes, it is recommended to run the below command and follow the instructions. This will remove the demo database, force the admin to set a strong password for the MySQL server, and turn off the remote access of MySQL to secure it.

```
sudo mysql_secure_installation
```

Create Database

```
sudo mysql
```

Note: `presta_h2s` is the database here and `prestauser` is the user and the `password` is the password we used for the database user. Change them as per your choice.

Create Database

```
create database `presta_h2s`;
```

Create User with password

```
create user 'prestauser'@'localhost' identified by 'password';
```

Grant all permissions of Database to User

```
GRANT ALL PRIVILEGES ON `presta_h2s`.* to `prestauser`@localhost;
```

```
exit;
```

Configure PrestaShop virtual Host for Apache

In case you are planning to use multiple domains on your Apache webserver then creating a virtual host for Prestashop will be a great idea. This will also let us use our domain for accessing the front-end and backend of the PrestaShop without showing the directory in which we have kept its all files. Therefore create a new Apache configuration file and enable make it.

```
sudo nano /etc/apache2/sites-available/prestashop.conf
```

Copy-paste the following lines in the file and save them by using `Ctrl+X` and type `Y` and hit the `Enter` key.

Note: change your_example.com, the domain you want to use for PrestaShop.

```
<VirtualHost *:80>
ServerAdmin [email protected]_example.com
ServerName your_example.com
ServerAlias www.your_example.com
DocumentRoot /var/www/prestashop

<Directory /var/www/prestashop>
Options +FollowSymlinks
AllowOverride All
Require all granted
</Directory>

ErrorLog /var/log/apache2/prestashop-error_log
CustomLog /var/log/apache2/prestashop-access_log common
</VirtualHost>
```

Enable the Prestashop Apache configuration and restart the webserver.

```
sudo a2ensite prestashop.conf
```

Disable default Apache page

```
sudo a2dissite 000-default.conf
```

```
sudo systemctl restart apache2
```

Access your Ecommerce Store

Everything is ready and it's time to access our Ubuntu 20.04 or 18.04 installed PrestaShop eCommerce store for further settings. Open the browser on your local system and type the **ip address** or **domain.com** pointing to the store.

```
http://ip-address
```

```
http://your_domain.com
```

Select the Language

Choose the language in which you want to install the PrestaShop and then select the **Next** button.

Choose your language

- License agreements
- System compatibility
- Store information
- System configuration
- Store installation

Welcome to the PrestaShop 1.7.6.8 Installer

Installing PrestaShop is quick and easy. In just a few moments, you will become part of a community consisting of more than 250,000 merchants. You are on the way to creating your own unique online store that you can manage easily every day.

If you need help, do not hesitate to [watch this short tutorial](#), or check [our documentation](#).

Continue the installation in:

English (English)

The language selection above only applies to the Installation Assistant. Once your store is installed, you can choose the language of your store from over 60 translations, all for free!

[Next](#)

If you need some assistance, you can [get tailored help](#) from our support team. [The official documentation](#) is also here to guide you.

Official forum | PrestaShop.com | Support | Documentation | Contact us | © 2007-2020

Accept the License

License agreements

- System compatibility
- Store information
- System configuration
- Store installation

License Agreements

To enjoy the many features that are offered for free by PrestaShop, please read the license terms below. PrestaShop core is licensed under **OSL 3.0**, while the modules and themes are licensed under **AFL 3.0**.

b. to translate, adapt, alter, transform, modify, or arrange the Original Work, thereby creating derivative works ("Derivative Works") based upon the Original Work

c. to distribute or communicate copies of the Original Work and Derivative Works to the public, with the proviso that copies of Original Work or Derivative Works that You distribute or communicate shall be licensed under this Open Software License

d. to perform the Original Work publicly

e. to display the Original Work publicly

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☒ I agree to the above terms and conditions.

[Back](#) [Next](#)

If you need some assistance, you can [get tailored help](#) from our support team. [The official documentation](#) is also here to guide you.

Official forum | PrestaShop.com | Support | Documentation | Contact us | © 2007-2020

Information about your Store

Provide the information to be used with the store you want to create such as Shop name, main category, country, time zone, and others.

Installation Assistant

- ✓ Choose your language
- ✓ License agreements
- ✓ System compatibility
- ▶ **Store information**
- System configuration
- Store installation

Need help?
Sign up for a support plan

Information about your Store

Shop name

Main activity

Home Appliances

Help us learn more about your store so we can offer you optimal guidance and the best features for your business!

Country

United States

Shop timezone

US/Eastern

Your Account

First name

Last name

Connect Database

The database we have created in this article, enter the details of that or any remote database you want to use with your PrestaShop installation.

- ✓ Choose your language
- ✓ License agreements
- ✓ System compatibility
- ✓ Store information
- ▶ **System configuration**
- Store installation

Need help?
Sign up for a support plan

Configure your database by filling out the following fields

To use PrestaShop, you must **create a database** to collect all of your store's data-related activities. Please complete the fields below in order for PrestaShop to connect to your database.

Database server address

The default port is 3306. To use a different port, add the port number at the end of your server's address i.e "127.0.0.1:3306".

Database name

Database login

Database password

Tables prefix

Test your database connection now!

✓ Database is created

Back
Next

Wait for a few minutes, once done you will be able to access the installed Ecommerce portable.

Forum | Support | Documentation | Blog

PrestaShop

Installation Assistant

- ✓ Choose your language
- ✓ License agreements
- ✓ System compatibility
- ✓ Store information
- ✓ System configuration
- ▶ **Store installation**

Your installation is finished!

You have just finished installing your shop. Thank you for using PrestaShop!

Please remember your login information:

E-mail: **raj@how2shop.com**

Password: ******* (Display)**

[Print my login information](#)

For security purposes, you must delete the "install" folder. [?](#)

Back Office

Manage your store using your Back Office. Manage your orders and customers, add modules, change themes, etc.

Front Office

Discover your store as your future customers will see it!

Need help?

[Sign up for a support plan](#)

Login to PrestaShop BackEnd

To login to the backend, just type **admin** at the end of your PrestaShop e-commerce URL. For example **<http://www.domain.com/admin>** or **<http://ip-address/admin>**

But as we tried to log in, an error will appear "For security reasons, you can not connect to the back office until you have- deleted the Install folder"

To delete the install folder run the below command on the server:

```
sudo rm -r /var/www/html/prestashop/install
```

PrestaShop 1.7.6.8


H2S

! For security reasons, you can not connect to the back office until you have:

- deleted the "install" folder

Please then access this page by the new URL (e.g. <http://192.168.0.102/admin0995khtdm/>)

After deleting the folder, simply refresh the login page, and this time you will get the login page.



H2S

Email address

raj@how2shout.com

Password

☐ Stay logged in [I forgot my password](#)

PrestaShop 1.7.6.8 Quick Access [View my shop](#) [Help](#)





Module Manager / Modules

Module manager

[Upload a module](#) [Connect to addons marketplace](#)

Modules Alerts Updates

Administration

	Available quantities v2.0.0 - by PrestaShop Adds a tab showing the quantity of available products for sale to the Stats dashboard. ... Read more	Disable <input type="checkbox"/>
	Best categories v2.0.0 - by PrestaShop Adds a list of the best categories to the Stats dashboard. ... Read more	Disable <input type="checkbox"/>
	Best customers v2.0.2 - by PrestaShop Adds a list of the best customers to the Stats dashboard. ... Read more	Disable <input type="checkbox"/>
	Best suppliers v2.0.0 - by PrestaShop Adds a list of the best suppliers to the Stats dashboard. ... Read more	Disable <input type="checkbox"/>