

How to install Composr CMS on Ubuntu 18.04 LTS

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Composr is a free, open source CMS with advanced interactive functions. Composr is written in PHP language and uses MariaDB to store data. It is a combination of web content management system and online community software with many features available.

Composr's main features include:

1. Support for images, video, audio, and more.
2. Support multiple display modes of category content with tables and boxes.
3. Event reminders, support for RSS and Atom.
4. Allow users to create their own galleries.

This tutorial will show you how to install Composr CMS on Ubuntu 18.04 LTS server.

Instructions on how to install Composr CMS on Ubuntu 18.04 LTS

1. Requires installation of Composr
2. Start installation
3. Install LAMP server
4. Configure MariaDB database
5. Install Composr
6. Access Composr

Requires installation of Composr

1. A server running Ubuntu 18.04.
2. Static IP address 192.168.0.104 is set for the server.
3. A user account is not rooted with sudo privileges.

Start installation

Before starting, users will need to update their system to the latest version. You can do this by running the following command:

```
sudo apt-get update -y
sudo apt-get upgrade -y
```

When the system is updated, reboot to apply the changes.

Install LAMP server

Next, we will need to install the Apache library, MariaDB, PHP and other PHP libraries on the server. Users can install all of them by running the following command:

```
sudo apt-get install apache2 mariadb-server unzip wget php7.2 libapache2-mod-php7.2 php7.2-common php7.2-
sql php7.2-mbstring php7.2-intl php7.2-mbstring php7.2-xmlrpc php7.2-mysql php7.2-gd php7.2-xml php7.2-cli
php7.2-zip -y
```

When all packages are installed, users will need to modify the PHP default configuration file:

```
sudo nano /etc/php/7.2/apache2/php.ini
```

Make the following changes:

```
memory_limit = 300M upload_max_filesize = 200M max_execution_time = 400 date.timezone =
```

Save and close the file. Then restart Apache and MariaDB service, then allow them to start as soon as it starts by running the following command:

```
sudo systemctl restart apache2 sudo systemctl restart mariadb sudo systemctl enable
```

Configure MariaDB database

By default, MariaDB is not secure. Therefore, users will need to secure it first. You can secure MariaDB settings by running the following script:

```
sudo mysql_secure_installation
```

Answer all questions as shown below:

```
Enter current password for root (enter for none): Set root password? [Y/n]: N Re
```

When MariaDB is secured, log into MariaDB shell:

```
mysql -u root -p
```

Enter the root password and press **Enter**, then create the database and user account with the following command:

```
MariaDB [(none)]> CREATE DATABASE composrdb; MariaDB [(none)]> CREATE USER composr
```

Next, grant privileges to Composr database with the following command:

```
MariaDB [(none)]> GRANT ALL PRIVILEGES ON composrdb.* TO 'composr'@'localhost' IDENTIFIED BY 'mypassword';
```

Note to replace the word '**mypassword**' in the above command with the selected secure password. Next, give privileges using the following command:

```
MariaDB [(none)]> FLUSH PRIVILEGES;
```

Next, exit the MariaDB control panel with the following command:

```
MariaDB [(none)]> exit
```

Install Composr

First, users will need to download the latest version of Composr from the official website. Can be downloaded using the following command:

```
cd /tmp wget https://compo.sr/site/dload.php?id=519 -O composr.zip
```

When the download is complete, unzip the downloaded file into the root directory of the Apache web with the command:

```
unzip composr.zip -d /var/www/html/composr
```

Next, provide the appropriate permissions with the command:

```
sudo chown -R www-data:www-data /var/www/html/composr/ sudo chmod -R 755 /var/www/html/composr/
```

Next, create the Apache virtual host file for Composr with the command:

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

Add the following lines:

```
ServerAdmin admin@example.com DocumentRoot /var/www/html/composr ServerName 192.168.1.100
```

Replace **example.com** with your own domain name in the above file. Then save and close the Apache vhost configuration file. Then, disable Apache's default virtual host file and activate the virtual host Composr file with the following command:

```
sudo a2dissite 000-default sudo a2ensite composr
```

Next, activate the module to record Apache and restart the Apache service to apply the changes using the following command:

```
sudo a2enmod rewrite sudo systemctl restart apache2
```

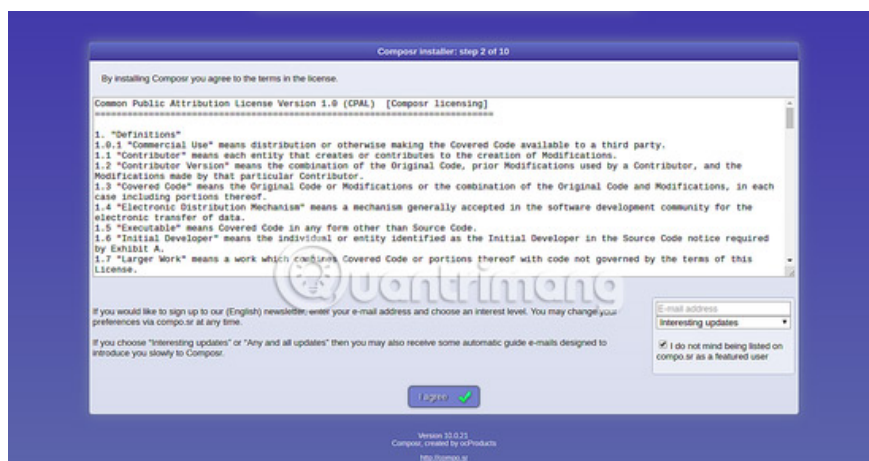
Access Composr

Composr is now installed and 'listened' on port 80. It's time to access Composr's web interface.

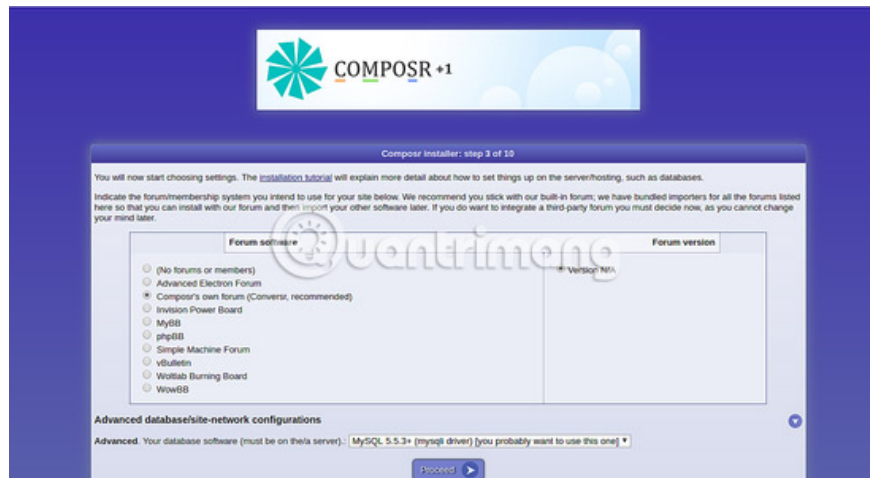
Open the web browser and enter the URL **http://192.168.0.104/install.php**. Replace the IP address in the URL with the server IP or use the chosen domain name for this site instead. The user will be redirected to the following page:



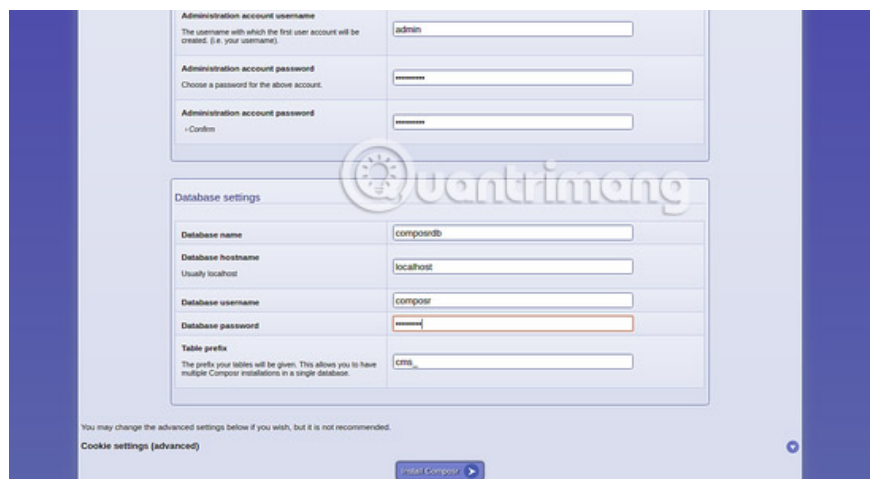
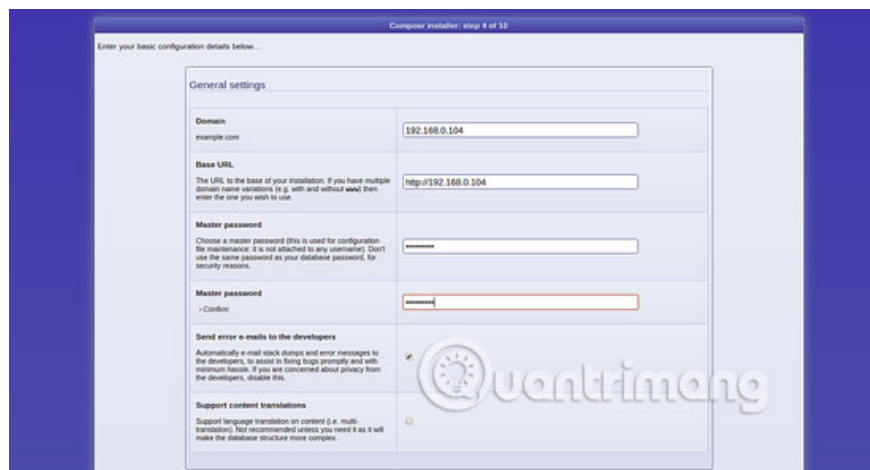
1. Select the language and click the **Proceed** button . Users will see the following page:



1. Accept the Composr license agreement and click the **I agree** button. The following page will appear:



1. Select the database server and click the **Proceed** button . The following page will show:



Here, provide the base url, master password, admin username, password, database, database username and password, and then click the **Install CompoSR** button . You will see the following page:



Now, click the **first Configure my CompoSR** button. You will be redirected to CompoSR login page:



Provide admin username and password. Then, click the **Log In** button . You will see CompoSR's default control panel on the following page:



Congratulations! You have successfully installed and configured CompoSR CMS on Ubuntu 18.04 server. Now, you can easily store your own website with CompoSR.

Hope you are successful.

See more:

1. Instructions for uninstalling software on Ubuntu
2. How to run and install Pantheon Desktop on Ubuntu
3. How to install Steam in Ubuntu

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