

HOW TO INSTALL WORDPRESS ON UBUNTU 22.04 WITH A LAMP STACK

Posted on 15 May 2023

In this article, we will guide you through the process of installing WordPress on Ubuntu 22.04 using a LAMP stack. LAMP stack is a popular combination of software that includes Linux, Apache, MySQL, and PHP. We will be using the command-line interface (CLI) to execute all the necessary commands.

Prerequisites

Ubuntu 22.04 server with SSH access
Root access or sudo privileges

STEP 1: INSTALL APACHE WEB SERVER

The first step in installing WordPress on Ubuntu 22.04 with a LAMP stack is to install the Apache web server. To do this, open a terminal window and enter the following command:

```
$ | sudo apt update
```

```
$ | sudo apt install apache2
```

After the installation is complete, start the Apache service by running:

```
$ | sudo systemctl start apache2
```

To ensure that the service is running, run the following command:

```
$ | sudo systemctl status apache2
```

You should see a message indicating that the Apache service is active and running.

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STEP 2: INSTALL MYSQL

The second step is to install MySQL, which is a database management system that will store all the data for your WordPress site. To install MySQL, run the following command:

```
$ | sudo apt install mysql-server
```

During the installation, you will be prompted to set a root password for the MySQL server. Choose a strong password and remember it as you will need it later.

After the installation is complete, run the following command to secure the MySQL installation:

```
$ | sudo mysql_secure_installation
```

This will prompt you to configure a few security settings, such as setting a root password, removing anonymous users, disabling remote root login, and removing the test database. Follow the prompts to complete the security configuration.

STEP 3: INSTALL PHP AND REQUIRED MODULES

The third step is to install PHP and the required modules that WordPress needs to run. To do this, run the following command:

```
$ | sudo apt install php libapache2-mod-php php-mysql ph
```

After the installation is complete, restart the Apache service by running:

```
$ | sudo systemctl restart apache2
```

STEP 4: CREATE A MYSQL DATABASE AND USER FOR WORDPRESS

The fourth step is to create a MySQL database and user for WordPress to use. To do this, log in to the MySQL server by running:

```
$ | sudo mysql -u root -p
```

Enter the root password you set during the MySQL installation. Then, create a new database and user by running the following commands:

```
$ | CREATE DATABASE WordPress;  
    CREATE USER 'wpuser'@'localhost' IDENTIFIED BY 'pas  
    GRANT ALL PRIVILEGES ON wordpress.* TO 'wpuser'@'  
    FLUSH PRIVILEGES;
```

Replace 'password' with a strong password of your choice.

STEP 5: INSTALL WORDPRESS

The final step is to install WordPress. First, navigate to the Apache web root directory by running:

```
$ | cd /var/www/html
```

Then, download the latest version of WordPress by running the following command:

```
$ | sudo wget -c http://wordpress.org/latest.tar.gz
```

Extract the downloaded archive by running:

```
$ | sudo tar -xzf latest.tar.gz
```

This will create a new directory called 'wordpress' in the /var/www/html directory. Move into this directory by running:

```
$ | cd wordpress
```

Copy the sample configuration file by running:

```
$ | cp wp-config-sample.php wp-config.php
```

Edit the wp-config.php file by running:

```
$ | sudo nano wp-config.php
```

Enter the database information you created earlier by replacing the following lines:

```
$ | define('DB_NAME', 'database_name_here');  
    define('DB_USER', 'username_here');  
    define('DB_PASSWORD', 'password_here');
```

with:

```
$ | define('DB_NAME', 'wordpress');  
   | define('DB_USER', 'wpuser');  
   | define('DB_PASSWORD', 'password');
```

Save and exit the file.

Finally, open a web browser and navigate to <http://your-server-ip-address/wordpress/>. Follow the WordPress installation prompts, and you should be able to successfully install WordPress on Ubuntu 22.04 with a LAMP stack.

CONCLUSION

In this article, we have shown you how to install WordPress on Ubuntu 22.04 with a LAMP stack. By following these instructions, you can have a fully functional WordPress site up and running in no time.