# **WordPress Configuration**

### About Wordpress

Wordpress is a free and open source website and blogging tool that uses php and MySQL. It was created in 2003 and has since then expanded to manage 22% of all the new websites created and has over 20,000 plugins to customize its functionality.

**Packages Required:**

apache2

mysql-server

libapache2-mod-auth-mysql

php5-mysql

php5

php5-mcrypt

<http://wordpress.org/latest.tar.gz>

## Prerequisites

a regular, non-root user with sudo privileges configured on server.

OS - Ubuntu 12.04

LAMP is configured on system.

**Wordpress Cofiguration file :**

/wordpress/wp-config-sample.php

**Steps :**

1. **Download WordPress**

$wget http://wordpress.org/latest.tar.gz

unzip it

$tar -xzvf latest.tar.gz

## unzipped in wordpress directory.

## Create the WordPress Database and User

After we unzip the wordpress files, they will be in a directory called wordpress in the home directory.

create a new MySQL directory for wordpress.

log into the MySQL Shell:

$mysql -u root -p

Login using your MySQL root password, and then we need to create a wordpress database, a user in that database, and give that user a new password.

First make the database

CREATE DATABASE wordpress;

Then create the new user.

CREATE USER wordpressuser@localhost;

Set the password for your new user:

SET PASSWORD FOR wordpressuser@localhost= PASSWORD("password");

Finish up by granting all privileges to the new user. Without this command, the wordpress installer will not be able to start up:

GRANT ALL PRIVILEGES ON wordpress.\* TO wordpressuser@localhost IDENTIFIED BY 'password';

Then refresh MySQL:

FLUSH PRIVILEGES;

Exit out of the MySQL shell:

exit

## Setup the WordPress Configuration

copy the sample wordpress configuration file, located in the wordpress directory, into a new file which we will edit, creating a new usable wordpress config:

$cp~ /wordpress/wp-config-sample.php ~/wordpress/wp-config.php

Then open the wordpress config:

$sudo nano ~/wordpress/wp-config.php

Find the section that contains the field below and substitute in the correct name for your database, username, and password:

define('DB\_NAME', 'wordpress');  
  
define('DB\_USER', 'wordpressuser');  
  
define('DB\_PASSWORD', 'password');

Save and Exit.

## Copy the Files

transfer the unzipped WordPress files to the website's root directory.

sudo rsync -avP ~/wordpress/ /var/www/

set the permissions on the installation.

sudo chown username:www-data /var/www -R   
sudo chmod g+w /var/www -R

From here, WordPress has its own easy to follow installation form online.

However, the form does require a specific php module to run. If it is not yet installed on your server, download php-gd:

$sudo apt-get install php5-gd

## RESULTS: Access the WordPress Installation

Once that is all done, the wordpress online installation page is up and waiting for you:

Access the page by adding /wp-admin/install.php to your site's domain or IP address (eg. example.com/wp-admin/install.php) and fill out the short online form.