

Content Management System

Installation Manual

9346B

Group 2

- ABUBO, JOSHUA LEO C.
- BERNARDEZ, MARILEUS B.
- DEL ROSARIO, MIGUEL PAOLO B.
- DOLOR, REY CHRISTIAN D.
- DUMO, CARL JASPER V.
- NEBAB, JAREN ENDREI G.
- SAM, PAUL CHRISTIAN C.
- ANDRES, GEOVELLE JHOYCE D.
- LANSANGAN, PATRISHIA ANNE M.

Table of Contents

LAMP Stack Installation.....1

Wordpress database Installation.....2

Wordpress Installation.....3

LAMP Stack Installation

Step 1: Update the system, use this command

```
#apt-get update
```

```
webtech@webtech2018:~$ apt-get update_
```

Step 2: Install the LAMP Server, use this command

```
#sudo apt-get install lamp-server^
```

```
webtech@webtech2018:~$ sudo apt-get install lamp-server^
```

*note accept and wait for the files to download

Wordpress database Installation

Step 1: Install the Wordpress Database, use this command

```
#sudo mysql -u root -p
```

```
webtech@webtech2018:~$ sudo mysql -u root -p
```

*note enter your vm's password, if prompt

Step 2: Create the database, use this command

```
CREATE DATABASE wordpressdb;
```

```
mysql> CREATE DATABASE wordpressdb;
```

Step 3: Create username and identify the password, use this command

```
CREATE USER wordpressuser@localhost IDENTIFIED BY 'wordpresspassword';
```

```
mysql> CREATE USER wordpressuser@localhost IDENTIFIED BY 'wordpresspassword' ;
```

*note any username and password will do

Step 4: Grant database privileges, use this command

```
GRANT ALL PRIVILEGES ON wordpressdb. * TO wordpressuser@localhost;
```

```
> GRANT ALL PRIVILEGES ON wordpressdb. * TO wordpressuser@localhost;
```

Step 5: Flush the privileges, use this command

```
FLUSH PRIVILEGES
```

```
> FLUSH PRIVILEGES
```

Step 6: Exit, use this command

```
exit
```

```
> exit
```

Wordpress Installation

Step 1: Change the destination, use this command

```
#cd /tmp
```

```
webtech@webtech2018:~$ cd /tmp
```

Step 2: Download the latest version, use this command

```
#wget http://wordpress.org/latest.zip
```

```
webtech@webtech2018:/tmp$ wget http://wordpress.org/latest.zip
```

Step 3: Uncompress the downloaded file, use this command

```
#unzip -q latest.zip -d /var/www/html/
```

```
webtech@webtech2018:/tmp$ unzip -q latest.zip -d /var/www/html/_
```

*note any destination will do

*note use the command, `sudo apt install unzip`, in order to successfully uncompress the zipped file

Step 4: Enter the following commands for permission changes

```
#sudo chown -R www-data:www-data /var/www/html/wordpress
```

```
webtech@webtech2018:/tmp$ sudo chown -R www-data:www-data /var/www/html/wordpress
```

```
#sudo chmod -R 755 /var/www/html/wordpress
```

```
webtech@webtech2018:/tmp$ sudo chmod -R 755 /var/www/html/wordpress_
```

Step 5: Create a directory for content uploads, use this command

```
#sudo mkdir -p /var/www/html/wordpress/wp-content/uploads
```

```
webtech@webtech2018:/tmp$ sudo mkdir -p /var/www/html/wordpress/wp-content/uploads_
```

Step 6: Change Permissions, use this command

```
#sudo chown -R www-data:www-data /var/www/html/wordpress/wp-content/uploads
```

```
webtech@webtech2018:/tmp$ sudo chown -R www-data:www-data /var/www/html/wordpress/wp-content/uploads
```