

## [1] 워드프레스를 설치하기 위한 단계

### 1\_1.

APM(Apache + php + mysql) 이 설치되어 있어야 한다.

Netstat -lntp 명령어로 확인

Php -version mysql -version 명령어로 버전이 설치되었으면 버전을 확인한다.

```
pi@raspberrypi:~$ netstat -lntp
(Not all processes could be identified, non-owned process info
will not be shown, you would have to be root to see it all.)
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State       PID/Program name
tcp        0      0 0.0.0.0:22              0.0.0.0:*               LISTEN      -
tcp        0      0 127.0.0.1:3306          0.0.0.0:*               LISTEN      -
tcp        0      0 0.0.0.0:80              0.0.0.0:*               LISTEN      -
tcp6       0      0 :::22                   :::*                     LISTEN      -
tcp6       0      0 :::80                   :::*                     LISTEN      -
```

### 1\_2

ftp server를 설치해야 한다. (vsftpd 설치)

sudo apt update

sudo apt search vsftpd

sudo apt install vsftpd

sudo service vsftpd status

netstat -lntp | grep ftp 로 ftp가 잘 설치되어 있는지 확인한다.

이후 Filezilla로 서버에 접속 후 파일을 업로드 해보면 Permission denied가 뜨게 되는데



Vsftpd.conf 파일을 수정해서 write access를 허용해준다.

Sudo service vsftpd restart를 통해서 ftp서버를 재시작 해준다.

```
pi@raspberrypi:~$ sudo service vsftpd restart
```

## 1\_3

Useradd -m wpuser

Cd /home

Passwd wpuser 를 통해서 ID: wpuser PASSWD: 1234 계정을 설정한다

```
pi@raspberrypi:/home/wpuser2 $ ls
html
```

```
wpuser2@raspberrypi:~ $ ls
html
```

## 1\_4

MariaDB 계정을 생성해야 한다.

Sudo mariadb -uroot -p 명령어로 접속한다

Create database wordpress default character set utf8;

Grant all on wordpress.\* to wp@localhost identified by 'wp1234';

Flush privileges;

```
pi@raspberrypi:~ $ sudo mariadb -uroot -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 36
Server version: 10.3.27-MariaDB-0+deb10u1 Raspbian 10

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> create database wordpress default character set utf8;
Query OK, 1 row affected (0.002 sec)

MariaDB [(none)]> Grant all on wordpress.* to wp@localhost identified by 'wp1234'
-> ;
```

## 1\_5

Wordpress 다운로드 및 압축풀기

Sudo Wget <https://wordpress.org/latest.tar.gz>

Sudo tar -xzf latest.tar.gz로 압축을 풀어준다.

```
pi@raspberrypi:~$ ls
latest.tar.gz
pi@raspberrypi:~$ sudo tar -xzf latest.tar.gz
wordpress/
wordpress/xmlrpc.php
wordpress/wp-blog-header.php
wordpress/readme.html
wordpress/wp-signup.php
wordpress/index.php
wordpress/wp-cron.php
```

## 1\_6

www-data 권한을 설정해준다.

Sudo chown -R wpuser:www-data wordpress

```
wpuser2@raspberrypi:~/html$ pwd
/home/wpuser2/html
wpuser2@raspberrypi:~/html$ ls -al
total 15396
drwxr-xr-x 3 wpuser2 wpuser2    4096 Jun  4 02:54 .
drwxr-xr-x 3 wpuser2 wpuser2    4096 Jun  4 02:54 ..
-rw-r--r-- 1 wpuser2 wpuser2 15750424 May 13 00:50 latest.tar.gz
drwxr-xr-x 5 wpuser2 www-data    4096 Jun  4 03:17 wordpress
```

## 1\_7

Virtual host를 설정해준다.

Cd /etc/nginx/sites-available에 mywp.com 파일을 default를 복사해서 생성해준다

디렉터리 설정과 service name 설정을 해주고

/etc/nginx/sites-enabled에 /etc/nginx/sites-available/mywp2.com 의 심볼릭 링크를 만들어준다

```
root@raspberrypi:/etc/nginx/sites-enabled# ls -al
total 8
drwxr-xr-x 2 root root 4096 Jun  4 02:57 .
drwxr-xr-x 8 root root 4096 May 30 09:51 ..
lrwxrwxrwx 1 root root 34 May 30 09:51 default -> /etc/nginx/sites-available/default
lrwxrwxrwx 1 root root 30 May 30 10:09 goodrpi.com -> ../sites-available/goodrpi.com
lrwxrwxrwx 1 root root 32 Jun  3 13:01 mybatflat.com -> ../sites-available/mybatflat.com
lrwxrwxrwx 1 root root 28 Jun  4 02:57 mywp2.com -> ../sites-available/mywp2.com
```

## 1\_8

Hosts에 도메인 이름 등록 및 홈페이지 확인

```
# localhost name resolution is handled within DNS itself.
#          127.0.0.1      localhost
#          ::1            localhost
192.168.0.18    myraspi.com
192.168.0.18    goodrpi.com
192.168.0.18    mybatflat.com
192.168.0.18    mywp2.com
```

## 1\_9

워드프레스 설치 및 wp-config.php 파일 추가 (/wp-content)

```
wpuser2@raspberrypi:~/html/wordpress $ ls
index.php      wp-admin      wp-config-sample.php  wp-links-opml.php  wp-settings.php
license.txt    wp-blog-header.php  wp-content            wp-load.php        wp-signup.php
readme.html    wp-comments-post.php  wp-cron.php          wp-login.php       wp-trackback.php
wp-activate.php wp-config.php      wp-includes           wp-mail.php        xmlrpc.php
```

```
wpuser2@raspberrypi:~/html/wordpress/wp-content $ ls
index.php  plugins  themes  upgrade  uploads
wpuser2@raspberrypi:~/html/wordpress/wp-content $ cd uploads
wpuser2@raspberrypi:~/html/wordpress/wp-content/uploads $ ls -al
total 12
drwxr-xr-x 3 www-data www-data 4096 Jun  4 03:31 .
drwxr-xr-x 6 wpuser2   www-data 4096 Jun  4 03:27 ..
drwxr-xr-x 3 www-data www-data 4096 Jun  4 03:31 2021
```

## 1\_10

관리자 로그인 설정

```
// ** MySQL settings - You can get this info from your web host ** //
/** The name of the database for WordPress */
define( 'DB_NAME', 'wordpress' );

/** MySQL database username */
define( 'DB_USER', 'wp' );

/** MySQL database password */
define( 'DB_PASSWORD', 'wp1234' );

/** MySQL hostname */
define( 'DB_HOST', 'localhost' );

/** Database Charset to use in creating database tables. */
define( 'DB_CHARSET', 'utf8' );

/** The Database Collate type. Don't change this if in doubt. */
define( 'DB_COLLATE', '' );
```

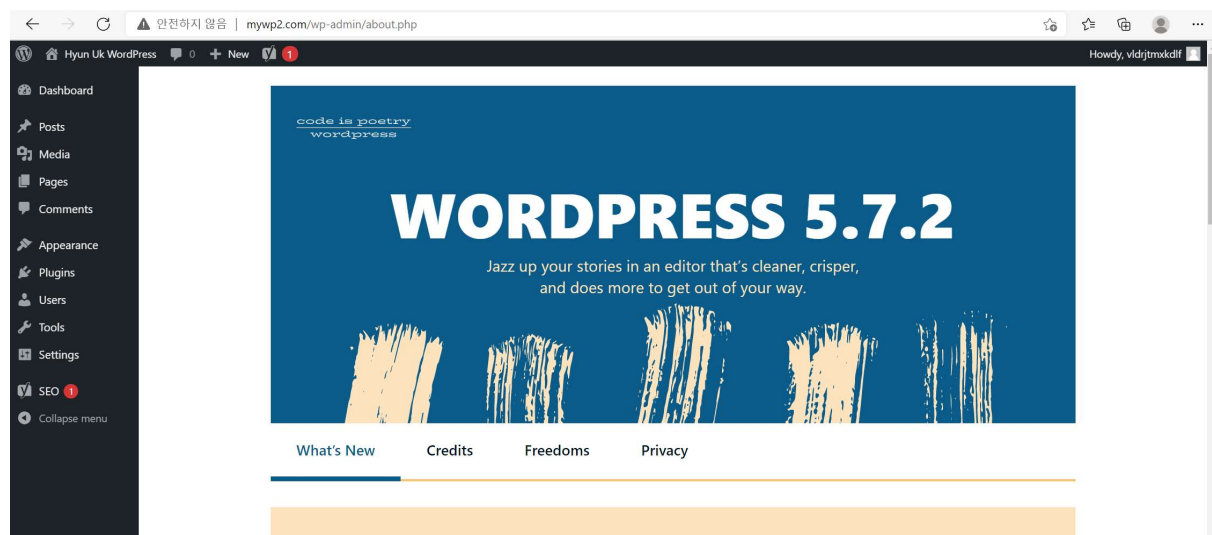
1\_11

이미지 업로드를 위한 권한변경(www-data)

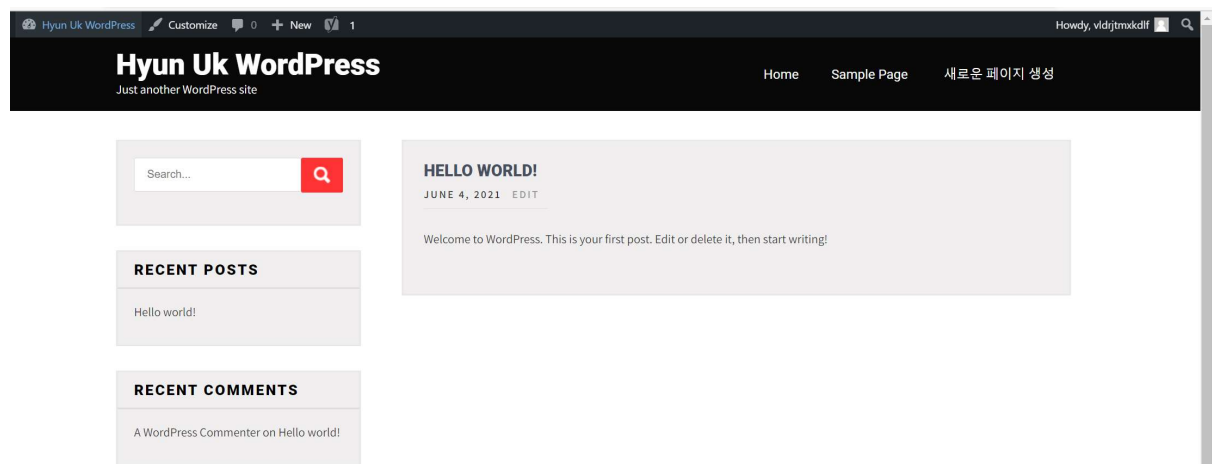
Sudo chown -R www-data:www-data uploads

```
wpuser2@raspberrypi:~/html/wordpress/wp-content $ ls -al
total 28
drwxr-xr-x 6 wpuser2 www-data 4096 Jun  4 03:27 .
drwxr-xr-x 5 wpuser2 www-data 4096 Jun  4 03:17 ..
-rw-r--r-- 1 wpuser2 www-data  28 Jan  8 2012 index.php
drwxr-xr-x 4 wpuser2 www-data 4096 Jun  4 03:23 plugins
drwxr-xr-x 6 wpuser2 www-data 4096 Jun  4 03:21 themes
drwxr-xr-x 2 wpuser2 wpuser2  4096 Jun  4 03:23 upgrade
drwxr-xr-x 3 www-data www-data 4096 Jun  4 03:31 uploads
```

## <관리자 화면>



## <사용자 화면>



## <plugin list 화면>

Plugins <a href="#">Add New</a>			Search installed plugins
All (3)   <a href="#">Active (1)</a>   <a href="#">Inactive (2)</a>   <a href="#">Auto-updates Disabled (3)</a>			
Bulk actions <a href="#">▼</a> <a href="#">Apply</a>			
<input type="checkbox"/>	Plugin	Description	Aut
<input type="checkbox"/>	Akismet Anti-Spam <a href="#">Activate</a>   <a href="#">Delete</a>	Used by millions, Akismet is quite possibly the best way in the world to <b>protect your blog from spam</b> . It keeps your site protected even while you sleep. To get started: activate the Akismet plugin and then go to your Akismet Settings page to set up your API key. Version 4.1.9   By <a href="#">Automattic</a>   <a href="#">View details</a>	<a href="#">Enal</a>
<input type="checkbox"/>	Hello Dolly <a href="#">Activate</a>   <a href="#">Delete</a>	This is not just a plugin, it symbolizes the hope and enthusiasm of an entire generation summed up in two words sung most famously by Louis Armstrong: Hello, Dolly. When activated you will randomly see a lyric from Hello, Dolly in the upper right of your admin screen on every page. Version 1.7.2   By <a href="#">Matt Mullenweg</a>   <a href="#">View details</a>	<a href="#">Enal</a>
<input type="checkbox"/>	Yoast SEO <a href="#">Get Premium</a>   <a href="#">FAQ</a>   <a href="#">Settings</a>   <a href="#">Deactivate</a>	The first true all-in-one SEO solution for WordPress, including on-page content analysis, XML sitemaps and much more. Version 16.4   By <a href="#">Team Yoast</a>   <a href="#">View details</a>	<a href="#">Enal</a>
<input type="checkbox"/>	Plugin	Description	Aut
Bulk actions <a href="#">▼</a> <a href="#">Apply</a>			

## <새로운 글 추가된 화면>

Hyun Uk WordPress  
Just another WordPress site

HomeSample Page새로운 페이지 생성


Search...

RECENT POSTS  
Hello world!

RECENT COMMENTS  
A WordPress Commenter on Hello world!

ARCHIVES

### 새로운 페이지 생성



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### 새로운 페이지 생성



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