

# AFNOG 2012 – SS-E TRACK

## Installing WordPress in FreeBSD

### 1. Install and Configure Wordpress

Install wordpress:

```
$ sudo portmaster www/wordpress
```

Create the database for wordpress:

```
$ mysql -u root -p
Password:
mysql> CREATE DATABASE wordpress;
mysql> GRANT ALL PRIVILEGES ON wordpress.* TO "wpuser"@"localhost"
-> IDENTIFIED BY "afnog";
mysql> FLUSH PRIVILEGES;
mysql> EXIT
```

**Move the wordpress installation to your home directory.**

```
$ sudo mv /usr/local/www/wordpress /home/afnog/<name>/
```

Change the ownership so that Apache owns the directory

```
$ sudo chown -R www:www /home/afnog/<name>/wordpress
```

***NOTE: Moving the wordpress directory is not entirely necessary but because we have not setup our own DNS server yet, serving all the files from one directory will be easier***

Edit the virtual host file to look like this. You can delete all entries the other virtualhost entries that were there:

```
<VirtualHost *:80>
ServerAdmin webmaster@<name>.sse.ws.afnog.org
DocumentRoot /home/afnog/<name>
ServerName vmXX.sse.ws.afnog.org
  <Directory /home/afnog/<name>>
    Order deny,allow
    Allow from all
  </Directory>

Alias /wordpress "/home/afnog/<name>/wordpress"
<Directory "/home/afnog/<name>/wordpress">
  Options Indexes FollowSymLinks
  AllowOverride AuthConfig FileInfo
  Order allow,deny
  Allow from all
</Directory>
ErrorLog "/var/log/wordpress.<name>.sse.ws.afnog.org-error_log"
CustomLog "/var/log/<name>.sse.ws.afnog.org" common

</VirtualHost>
```

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Modify the wordpress config in /home/afnog/<name>/wordpress/

```
$ cd /home/afnog/<name>/wordpress
$ sudo cp wp-config-sample.php wp-config.php
```

Edit the wp-config.php with the database name, username and passwords created above so that it looks like so:

```
define('DB_NAME', 'wordpress');

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

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

Save the wordpress configuration file and restart apache.

Point your browser to your WordPress virtual host

<http://vmXX.sse.ws.afnog.org/wordpress>

Complete the setup as instructed on the page then:

Happy blogging!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

**NOTE:** You can also access the blog on the IPv6 IP set on the previous exercise like so: [http://\[2001:43f8:220:219::1XX\]/wordpress](http://[2001:43f8:220:219::1XX]/wordpress)

After you have setup your own DNS authoritative server, you can create an A record and a quad AAAA record then create a virtual host entry that allows you to access your blog with a different name instead of using a /wordpress at the end eg <http://<name>.sse.ws.afnog.org>. The following virtual host should be created:

```
<VirtualHost *:80>
ServerAdmin webmaster@<name>.sse.ws.afnog.org
DocumentRoot /home/afnog/<name>
ServerName <name>.sse.ws.afnog.org
    <Directory "/home/afnog/<name>/wordpress">
        Options Indexes FollowSymLinks
        AllowOverride AuthConfig FileInfo
        Order allow,deny
        Allow from all
    </Directory>
ErrorLog "/var/log/wordpress.<name>.sse.ws.afnog.org-error_log"
    CustomLog "/var/log/<name>.sse.ws.afnog.org" common
</VirtualHost>
```