# 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>**

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**](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

After you have setup your own DNS authoritative server, you can create an A record and a quad AAAA record then create a virual 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>**