

Apache setup & Virtual servers

Initial setup

Install packages `sudo apt install apache2 mariadb-server libapache2-mod-php php-mysql -y`

Open ports at `cd /etc/apache2/ports.conf` and add the line `Listen NEW_PORT_NUMBER`

Creating virtual servers

Create a file named NAME.conf and add something like this

```
<VirtualHost *:80>
    ServerName pdb.conorbriggs.com.au
    DocumentRoot /mnt/drives/10tb/10tb/web_servers/pdb/

    <Directory /mnt/drives/10tb/10tb/web_servers/pdb/>
        Options -Indexes -FollowSymLinks
        AllowOverride All
        Require all granted
    </Directory>

    ErrorLog /var/log/apache2/pdb-error.log
    CustomLog /var/log/apache2/pdb-access.log combined

    RewriteEngine on
</VirtualHost>
```

Enable the site & restart apache with `sudo a2ensite site.conf && systemctl restart apache2`

SSL Certificate management

Install certbot and run setup

```
sudo apt install certbot python3-certbot-apache
a2enmod ssl
sudo certbot --apache
```

List all certificates with `certbot certificates`

Delete a certificate `certbot delete --cert-name CERT_NAME_HERE`

Managing the apache2 service

Start, stop & restart `sudo service apache2 start/restart/stop`

Enable a config `sudo a2ensite SITE_CONF_FILE.conf`

Disable a config `sudo a2dissite SITE_CONF_FILE.conf`

Revision #2

Created 22 March 2025 08:35:30 by Conor

Updated 22 March 2025 09:00:37 by Conor