

Hosting Multiple Websites On The Apache Web Server With A Single IP Address

If you need to host multiple websites on your Pi with a single IP address, then you'll probably have assigned different ports for each site. The steps below explain how to configure Apache so that it can host two or more websites.

At the Pi command line, edit the Apache configuration file `/etc/apache2/ports.conf`.

```
sudo nano /etc/apache2/ports.conf
```

For each different port, insert pairs of lines as shown below. In this example we're using ports 8080 and 8085:

```
NameVirtualHost *:8080
```

```
Listen 8080
```

```
NameVirtualHost *:8085
```

```
Listen 8085
```

At the Pi command line, edit the Apache configuration file `000-default`.

```
sudo nano etc/apache2/sites-enabled/000-default
```

Change the port number of the `VirtualHost` keyword.

```
VirtualHost *:8080
```

Now repeat this for each additional port number creating new files called `001-default`, `002-default` as you go.

To make these changes live, you need to restart Apache so that it reloads the new configuration.

```
sudo /etc/init.d/apache2 reload
```