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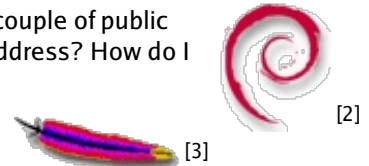
Debian / Ubuntu: Apache2 Change Default Port / IP Binding

Posted by [Vivek Gite](#) <vivek@nixcraft.com>

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Question: How do I change Apache 2 **default port** under Debian / Ubuntu Linux? I've couple of public IPv4 address assigned by my ISP, how do I **force Apache2 to listen to a specific IP** address? How do I change Apache2 IP address binding?

Answer: You can easily change the port and other settings using following directives:



Apache Listen Directive

The Listen directive instructs Apache to listen to more than one IP address or port; by default it responds to requests on all IP interfaces, but only on the port given by the Port directive. You can use this directive multiple times.

Task: Change Apache port

Open /etc/apache2/ports.conf file, enter:

```
# vi /etc/apache2/ports.conf
```

OR

```
$ sudo vi /etc/apache2/ports.conf
```

To make the server accept connections on both port 8010, enter:

```
Listen 8010
```

To make the server accept connections on both port 80 and port 8010, use:

```
Listen 80
Listen 8010
```

Task: Accept connections on specific IP / interface port

You need to use network interfaces IP address. For example, to make the server accept connections on IP 202.54.1.2 and port 80, enter:

```
Listen 202.54.1.2:80
```

To make the server accept connections on two specified interfaces and port numbers, enter:

```
Listen 202.54.2.1:80
Listen 202.54.2.5:8010
```

Save and close the file. [Restart Apache 2 webserver](#) ^[4]:

```
# /etc/init.d/apache2 restart
```

OR

```
$ sudo /etc/init.d/apache2 restart
```

How do I verify port and IP binding working ?

Use [netstat command](#) ^[5] to find out if Apache is listening on a specific port or not, use:

```
# netstat -tulpn
# netstat -tulpn | grep :80
# netstat -tulpn | grep :8010
# netstat -tulpn | grep 202.54.1.2:80
```

Sample output:

tcp	0	0	202.54.1.2:80	0.0.0.0:*	LISTEN	19306/apache
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