

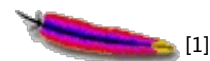
Table Of Contents

Table Of Contents 1

Sample Apache 2 Virtual hosting configuration 2

[Home](#) > [Faq](#) > [Apache](#)

Apache: [warn] _default_ VirtualHost overlap on port 80, the first has precedence Error and Solution

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

Question: I'm using Apache 2 to host multiple site on a single host using [Apache name based VirtualHost feature](#) ^[2]. However, Apache is displaying lots of warning as follows:

```
Performing sanity check on apache22 configuration:
[Port: 80] [warn] _default_ VirtualHost overlap on port 80, the first has precedence
[Port: 80] [warn] _default_ VirtualHost overlap on port 80, the first has precedence
[Port: 80] [warn] NameVirtualHost 81.aaa.www.yyy:80 has no VirtualHosts
Syntax OK
Stopping apache22.
Waiting for PIDs: 14968.
Syntax OK
Starting apache22.
[Port: 80] [warn] _default_ VirtualHost overlap on port 80, the first has
precedence
[Port: 80] [warn] _default_ VirtualHost overlap on port 80, the first has precedence
[Port: 80] [warn] NameVirtualHost 81.aaa.www.yyy:80 has no VirtualHosts
```

How do I fix this warning and host multiple websites under UNIX / Linux Apache 2 webserver?

Answer: The NameVirtualHost directive is a required to configure name-based virtual hosts. Add this to your httpd.conf file to fix this issue. Open httpd.conf file:

```
# vi httpd.conf
```

Add NameVirtualHost as follows:

```
NameVirtualHost *:80
```

OR add server IP

```
NameVirtualHost 202.54.1.1:80
```

Save and close the file. [Restart httpd web server under RHEL / Red Hat / Fedora / CentOS Linux](#) ^[3]:

```
# service httpd restart
```

OR type the following to [restart Apache 2 under Debian / Ubuntu Linux](#) ^[4]:

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

Sample Apache 2 Virtual hosting configuration

If you want to maintain multiple domains/hostnames on your machine you can setup VirtualHost containers for them. Most configurations use only name-based virtual hosts so the server doesn't need to worry about IP addresses. This is indicated by the asterisks in the directives below.

```
# My Virtual Hosts Config File for Two Domains
NameVirtualHost *:80

<VirtualHost *:80>
    ServerAdmin webmaster@theos.in
    DocumentRoot "/usr/local/docs/theos.in"
    ServerName www.theos.in
    ServerAlias theos.in
```

```
ErrorLog "/var/log/theos.in-error_log"
CustomLog "/var/log/theos.in-access_log" common
</VirtualHost>

<VirtualHost *:80>
    ServerAdmin webmaster@nixcraft.com
    DocumentRoot "/usr/local/docs/nixcraft.com"
    ServerName www.nixcraft.com
    ServerAlias nixcraft.com
    ErrorLog "/var/log/nixcraft.com-error_log"
    CustomLog "/var/log/nixcraft.com-access_log" common
</VirtualHost>
```

4000+ howtos and counting! Want to read more Linux / UNIX howtos, tips and tricks? Subscribe to our [daily email](#) newsletter or [weekly newsletter](#) to make sure you don't miss a single tip/tricks. Alternatively, subscribe via [RSS/XML](#) feed.

Article printed from Frequently Asked Questions About Linux / UNIX: <http://www.cyberciti.biz/faq/>

URL to article: http://www.cyberciti.biz/faq/warn-_default_-virtualhost-overlap-port80-first-hasprecedence/

URLs in this post:

[1] Image: <http://www.cyberciti.biz/faq/category/apache/>

[2] Apache name based VirtualHost feature: <http://www.cyberciti.biz/faq/apache-name-based-virtualhost-example/>

[3] Restart httpd web server under RHEL / Red Hat / Fedora / CentOS Linux: <http://www.cyberciti.biz/faq/restart-httpd/>

[4] restart Apache 2 under Debian / Ubuntu Linux: <http://www.cyberciti.biz/faq/star-stop-restart-apache2-webserver/>