

# When VirtualHost does not work in Apache 2.2

If you wanted to use VirtualHost, but it shows Testing 123... only, you should check your server configuration. You can simply check your server if configuration works or not by **httpd -S**

## Testing 123..

This page is used to test the proper operation of the [Apache HTTP server](#) after it has been installed. If you can read this page it means that this site is working properly. This server is powered by [CentOS](#).

### Just visiting?

The website you just visited is either experiencing problems or is undergoing routine maintenance.

If you would like to let the administrators of this website know that you've seen this page instead of the page you expected, you should send them e-mail. In general, mail sent to the name "webmaster" and directed to the website's domain should reach the appropriate person.

For example, if you experienced problems while visiting [www.example.com](#), you should send e-mail to "webmaster@example.com".

### Are you the Administrator?

You should add your website content to the directory `/var/www/html/`.

To prevent this page from ever being used, follow the instructions in the file `/etc/httpd/conf.d/welcome.conf`.

### Promoting Apache and CentOS

You are free to use the images below on Apache and CentOS Linux powered HTTP servers. Thanks for using Apache and CentOS!



Below is my case from **httpd -S**

```
AH00548: NameVirtualHost has no effect and will be removed in the next release /etc/httpd/conf.d/vhosts.conf:19
AH00558: httpd: Could not reliably determine the server's fully qualified domain name, using fe80::7187:13b:
e988:7b0. Set the 'ServerName' directive globally to suppress this message
VirtualHost configuration:
*:80 is a NameVirtualHost
default server dummy-host.com (/etc/httpd/conf.d/vhosts.conf:22)
port 80 namevhost dummy-host.com (/etc/httpd/conf.d/vhosts.conf:22)
port 80 namevhost sql.its-newid.net (/etc/httpd/conf.d/vhosts.conf:28)
alias mysql.its-newid.net
ServerRoot: "/etc/httpd"
Main DocumentRoot: "/var/www/html"
Main ErrorLog: "/etc/httpd/logs/error_log"
Mutex default: dir="/run/httpd/" mechanism=default
Mutex mpm-accept: using_defaults
Mutex authdigest-opaque: using_defaults
Mutex proxy-balancer-shm: using_defaults
Mutex rewrite-map: using_defaults
Mutex authdigest-client: using_defaults
Mutex proxy: using_defaults
Mutex authn-socache: using_defaults
PidFile: "/run/httpd/httpd.pid"
Define: _RH_HAS_HTTPPROTOCOLOPTIONS
Define: DUMP_VHOSTS
Define: DUMP_RUN_CFG
User: name="apache" id=48
Group: name="apache" id=48
```

Change the options in `/etc/httpd/conf/httpd.conf` for below

```
<Directory />
# AllowOverride none
# Require all denied
Options Indexes FollowSymLinks MultiViews
AllowOverride All
Require all granted
</Directory>
```

One of the possibility is that caused by directory permission by SELinux, because it makes some problem in accessing or writing files or directories - you can solve it by running below command

```
chcon -Rv --type=httpd_sys_rw_content_t /var/www/html/
```

If above does not work, you can solve it by **creating folders at /var/www** instead of using custom folders, so I was able to clear all the issues.