**Configure an Apache virtual host.**

**Prerequisites**

First, follow the instructions to [install an Apache web server](https://www.certdepot.net/rhel7-install-apache/).

Note: Don’t forget to install the **httpd-manual** package. This could help you a lot with any syntax issue.

**Configuration Procedure**

Let’s assume your website is called **dummy-host.example.com**.

Create the **/var/www/html/dummy-host.example.com** directory:

# **cd /var/www/html**

# **mkdir dummy-host.example.com**

Create an **index.html** file and assign the correct **SELinux** context:

# **echo "This is a test." > dummy-host.example.com/index.html**

# **restorecon -R dummy-host.example.com**

Create the **/etc/httpd/conf.d/vhosts.conf** file and paste the following lines:

**<VirtualHost \*:80>**

**ServerAdmin webmaster@dummy-host.example.com**

**DocumentRoot /var/www/html/dummy-host.example.com**

**ServerName dummy-host.example.com**

**ErrorLog logs/dummy-host.example.com-error\_log**

**CustomLog logs/dummy-host.example.com-access\_log common**

**</VirtualHost>**

Optionaly, rename the **/etc/httpd/conf.d/ssl.conf** file, otherwise you get an additional non-working **https** virtual host displayed in the configuration.

# **cd /etc/httpd/conf.d; mv ssl.conf ssl.conf2**

Check the validity of the **configuration**:

# **apachectl configtest**

Syntax OK

Note: You can also type: # **httpd -t**

Restart the **httpd** service:

# **apachectl restart**

Note1: You can also type: # **systemctl restart httpd**  
Note2: For minor configuration changes, it is also possible to restart the **Apache** daemon without losing the current connections: # **apachectl graceful**

Check the virtual host(s) configuration:

# **httpd -D DUMP\_VHOSTS**

VirtualHost configuration:

\*:80                   is a NameVirtualHost

         default server dummy-host.example.com (/etc/httpd/conf.d/vhosts.conf:1)

         port 80 namevhost dummy-host.example.com (/etc/httpd/conf.d/vhosts.conf:1)

         port 80 namevhost dummy-host.example.com (/etc/httpd/conf.d/vhosts.conf:1)

**Testing Time**

Check the configuration:

# **yum install -y elinks**

# **elinks** **http://dummy-host.example.com**