

Table Of Contents

Table Of Contents 1

Task: Install Apache/httpd under Fedroa Core/Cent OS Linux 2

Task: Install Apache/httpd under Red Hat Enterprise Linux 2

Task: Debian Linux httpd/Apache installation 2

Task: Verify that port 80 is open 2

Configuration 2

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

How to install and start the Apache or httpd service under Linux

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Q. How do I install and start the Apache or httpd web server under Fedora core or Cent OS?

A. Apache HTTP Server is a free software/open source web server for Unix-like systems and other oses.

Apache features configurable error messages, DBMS-based authentication databases, and content negotiation. It is also supported by several graphical user interfaces (GUIs) which permit easier, more intuitive configuration of the server.

Use [rpm command to install Apache](#) ^[1] under Linux. You can also use up2date or yum command to install the same.

Task: Install Apache/httpd under Fedroa Core/Cent OS Linux

Type the following command if you are using Fedora or Cent OS Linux:

```
# yum install httpd
```

Now, start the Apache/httpd

```
# chkconfig httpd on
# /etc/init.d/httpd start
```

Task: Install Apache/httpd under Red Hat Enterprise Linux

Type the following command

```
# up2date httpd
```

Start the Apache/httpd

```
# chkconfig httpd on
# /etc/init.d/httpd start
```

Task: Debian Linux httpd/Apache installation

Use apt-get command:

```
# apt-get install apache2
# /etc/init.d/apache2 start
```

Task: Verify that port 80 is open

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

You can also install httpd from CDROM with [rpm command](#) ^[1]:

```
# rpm -ivh httpd*
```

Configuration

Your server is started but you need to configure and use Apache as per your requirement. /etc/httpd/conf/httpd.conf (RHEL/Cent OS/Fedora Core Linux) or /etc/apache2/httpd.conf (Debian / Ubuntu Linux) configuration file. Use text editor such as vi to edit file. This file is very well documented or read official Apache configuration documentation for more information.

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[1] rpm command to install Apache: <http://www.cyberciti.biz/howto/question/linux/linux-rpm-cheat-sheet.php>

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