

# Linux Apache2 Server Configuration

Apache is the most commonly used Web server on Linux systems. Web servers are used to serve Web pages requested by client computers. Clients typically request and view Web pages using Web browser applications such as Firefox, Opera, Chromium, or Internet Explorer.

Users enter a Uniform Resource Locator (URL) to point to a Web server by means of its Fully Qualified Domain Name (FQDN) and a path to the required resource. For example, to view the home page of the [Ubuntu Web site](#) a user will enter only the FQDN:

```

www.ubuntu.com

```

## Installation

The Apache2 web server is available in Ubuntu Linux. To install Apache2:

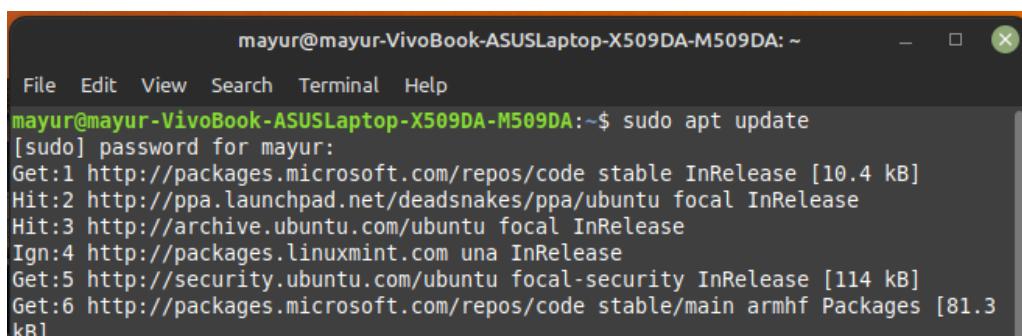
At a terminal prompt enter the following command:

```

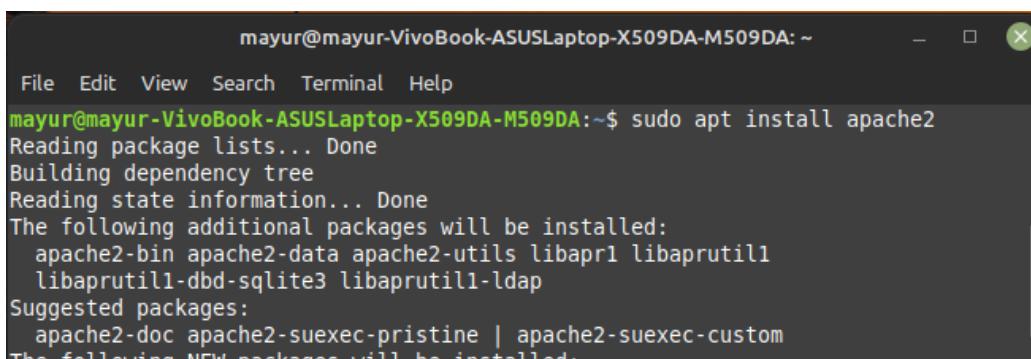
sudo apt update

sudo apt install apache2

```



```
mayur@mayur-VivoBook-ASUSLaptop-X509DA-M509DA:~$ sudo apt update
[sudo] password for mayur:
Get:1 http://packages.microsoft.com/repos/code stable InRelease [10.4 kB]
Hit:2 http://ppa.launchpad.net/deadsnakes/ppa/ubuntu focal InRelease
Hit:3 http://archive.ubuntu.com/ubuntu focal InRelease
Ign:4 http://packages.linuxmint.com una InRelease
Get:5 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Get:6 http://packages.microsoft.com/repos/code/stable/main armhf Packages [81.3 kB]
```



```
mayur@mayur-VivoBook-ASUSLaptop-X509DA-M509DA:~$ sudo apt install apache2
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils libapr1 libaprutil1
    libaprutil1-dbd-sqlite3 libaprutil1-ldap
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom
The following NEW packages will be installed:
```

## Version and Installation Check

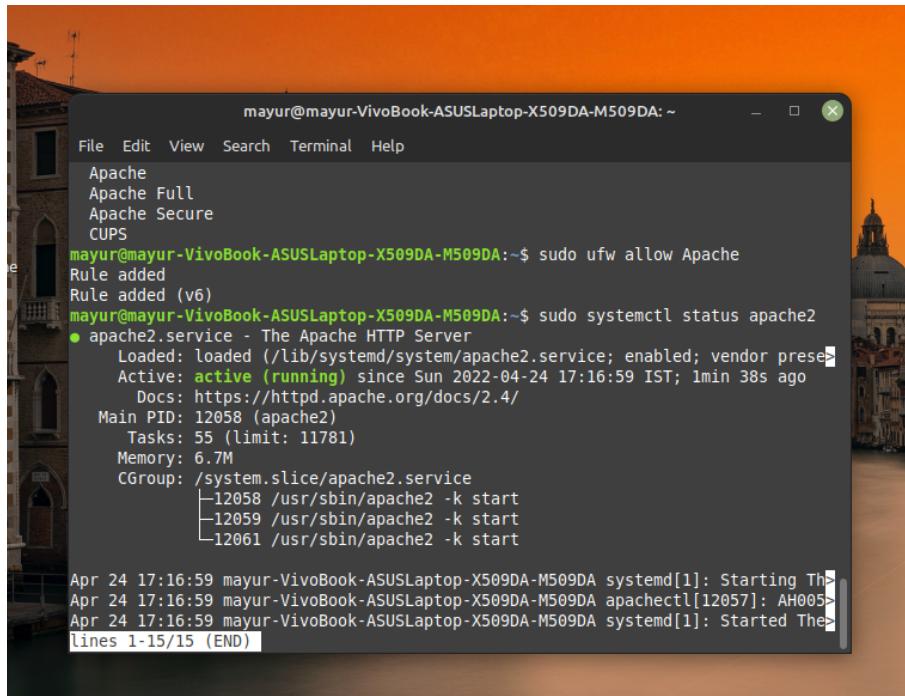
```
```  
apache2 -version  
```
```

## Available Applications

```
```  
sudo ufw app list  
```
```

## Grant Permission

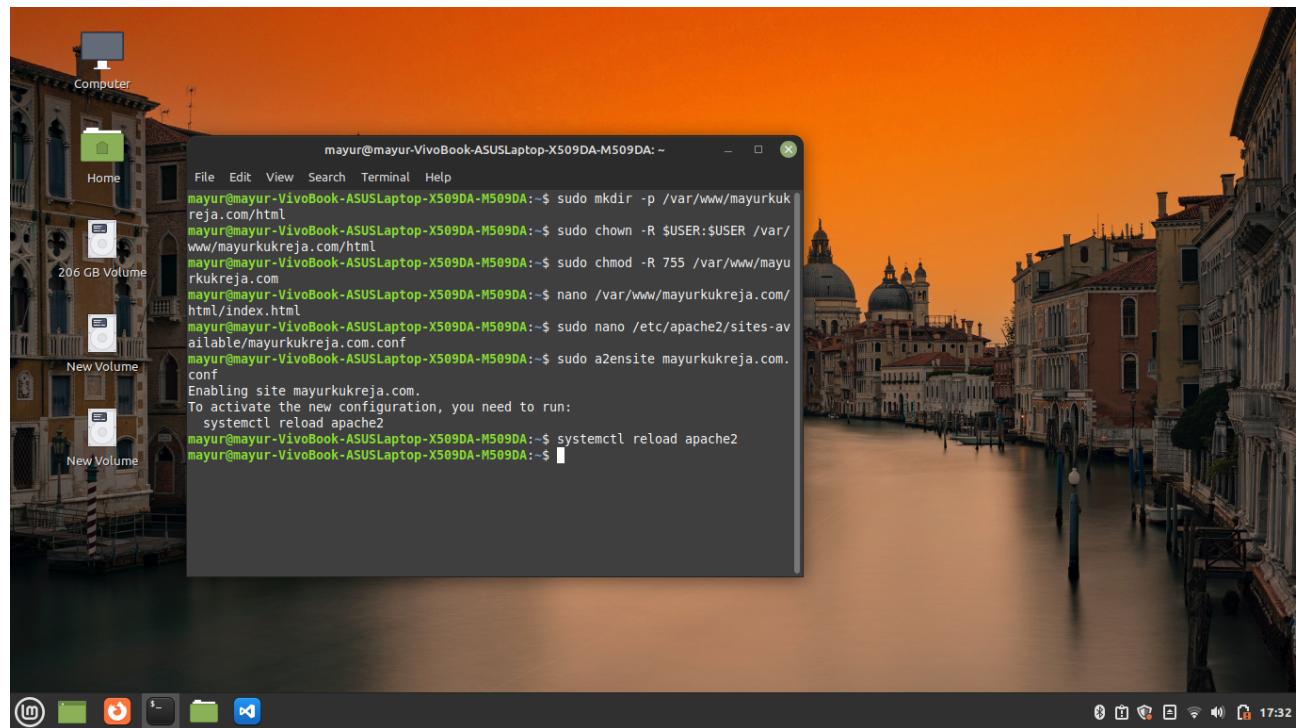
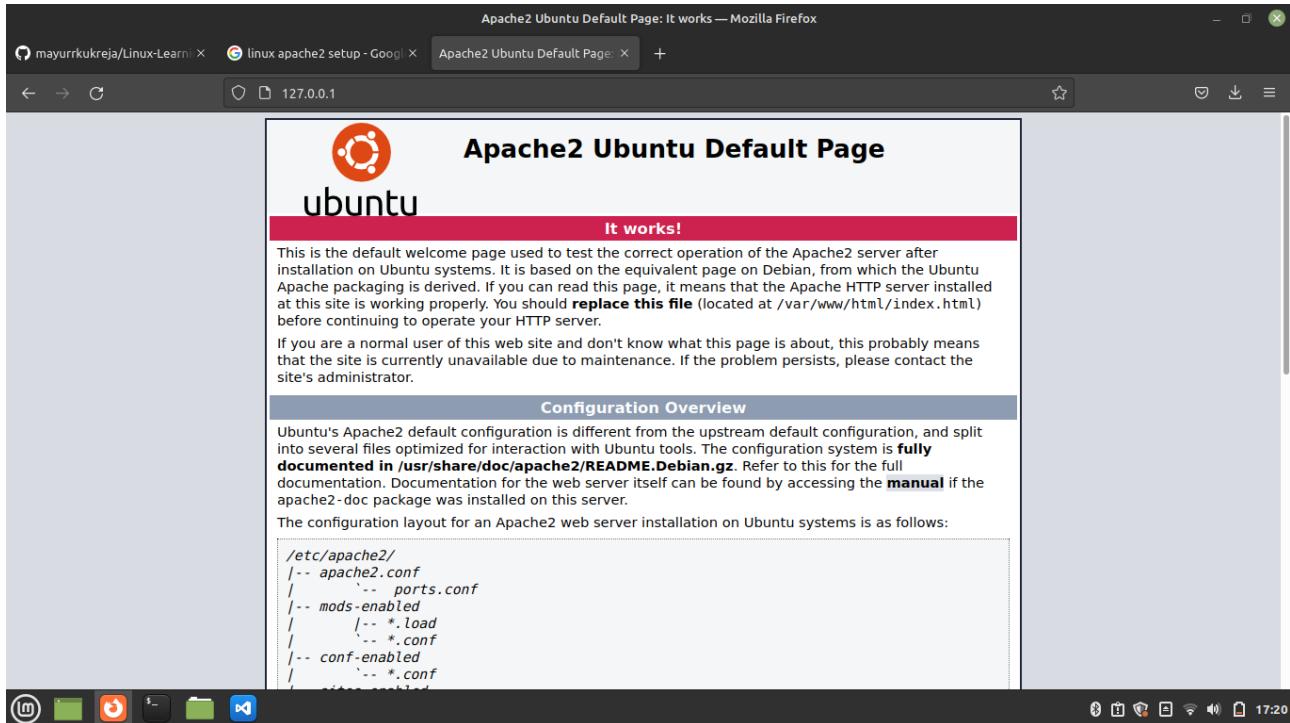
```
```  
sudo ufw allow Apache  
sudo systemctl status apache2  
```
```

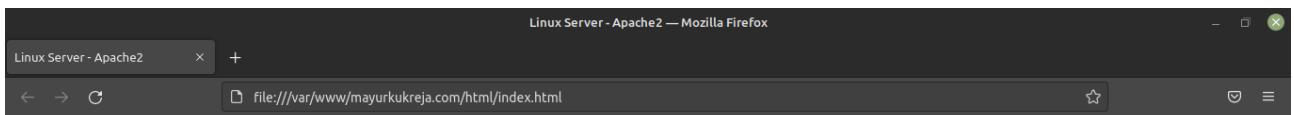


The screenshot shows a terminal window titled "Terminal" with a dark theme. The window title bar includes the user name "mayur" and the host "VivoBook-ASUSLaptop-X509DA-M509DA". The terminal menu bar has options: File, Edit, View, Search, Terminal, Help. The main area of the terminal displays the following command-line session:

```
mayur@mayur-VivoBook-ASUSLaptop-X509DA-M509DA:~$ sudo ufw allow Apache  
Rule added  
Rule added (v6)  
mayur@mayur-VivoBook-ASUSLaptop-X509DA-M509DA:~$ sudo systemctl status apache2  
● apache2.service - The Apache HTTP Server  
    Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor pres...  
    Active: active (running) since Sun 2022-04-24 17:16:59 IST; 1min 38s ago  
      Docs: https://httpd.apache.org/docs/2.4/  
    Main PID: 12058 (apache2)  
       Tasks: 55 (limit: 11781)  
     Memory: 6.7M  
      CGroup: /system.slice/apache2.service  
              ├─12058 /usr/sbin/apache2 -k start  
              ├─12059 /usr/sbin/apache2 -k start  
              └─12061 /usr/sbin/apache2 -k start  
  
Apr 24 17:16:59 mayur-VivoBook-ASUSLaptop-X509DA-M509DA systemd[1]: Starting Th...  
Apr 24 17:16:59 mayur-VivoBook-ASUSLaptop-X509DA-M509DA apachectl[12057]: AH005...  
Apr 24 17:16:59 mayur-VivoBook-ASUSLaptop-X509DA-M509DA systemd[1]: Started The...  
Lines 1-15/15 (END)
```

## LocalHost (127.0.0.1):





**Welcome To Mayur Kukreja's Portfolio Website**

