STEPS TO INSTALL APACHE WEB SERVER IN LINUX

Step 1: Check your Linux distribution.

 Use the following command to check which Linux distribution you are using.

grep -E '^(VERSION|NAME)=' /etc/os-release

NAME="Linux Mint" VERSION="21.3 (Virginia)"

Checking linux

distribution (Linux Mint Debian OS)

Step 2: Update Your System.

sudo apt update && sudo apt upgrade

Step 3: Install Apache Web Server

sudo apt install apache2 -y

Step 4: Enable the Services

sudo systemctl enable apache2

Step 5: Test the Server by Hosting Simple Website

 First, we will create a directory for our test website using following command.

sudo mkdir /var/www/html/test_website

 Now we will add index.html for our test website along with some testing code using following command

Now we will add configuration file using following command

```
sudo echo '<VirtualHost *:80>

ServerName web.testingserver.com

DocumentRoot /var/www/html/website

DirectoryIndex index.html

ErrorLog /var/log/httpd/example.com_error.log

CustomLog /var/log/httpd/example.com_requests.log

combined
```

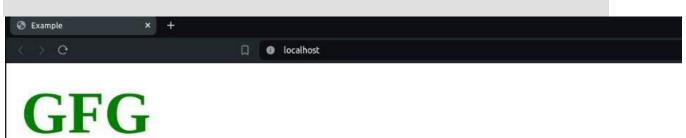
</VirtualHost>' >
/etc/httpd/conf.d/web.conf

- Once we created the required config file and test website, we will need to own the Apache website directory for permissions.
- · We will use chown and chmod command as follows

sudo chown -R apache: apache
/var/www/html/test_website
sudo chmod -R 755 /var/www/html/test_website

· Now you can see locally hosted website on localhost.

Link: http://localhost



This is a Apache Test Server for Ubuntu and Debian

testing website on local server