

Linux

Install Apache Web Server in Linux: Ubuntu

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igris@2b4579b9c7125f2: /var/www/html
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

igris@2b4579b9c7125f2:~$ whoami
igris
igris@2b4579b9c7125f2:~$ uname -a
Linux 2b4579b9c7125f2 5.15.167.4-microsoft-standard-WSL2 #1 SMP Tue Nov 5 00:21:55 UTC 2024 x86_64 x86_64 x86_64 GNU/Linux
igris@2b4579b9c7125f2:~$ grep -E "(VERSION|NAME)=" /etc/os-release
NAME="Ubuntu"
VERSION="24.04.1 LTS (Noble Numbat)"
igris@2b4579b9c7125f2:~$ sudo apt update
[sudo] password for igris:
Hit:1 http://archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:3 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:4 http://archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:5 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [151 kB]
```

```
igris@2b4579b9c7125f2:~$ sudo apt upgrade
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Calculating upgrade... Done
#
```

```
igris@2b4579b9c7125f2:~$ sudo apt install apache2 -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils libapr1t64 libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1t64
  liblua5.4-0 ssl-cert
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser ufw
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils libapr1t64 libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1t64
  liblua5.4-0 ssl-cert
0 upgraded, 10 newly installed, 0 to remove and 3 not upgraded.
Need to get 2084 kB of archives.
After this operation, 8094 kB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 libapr1t64 amd64 1.7.2-3.1ubuntu0.1 [108 kB]
```

```
ignris@2b4579b9c7125f2:~$ sudo systemctl enable apache2
Synchronizing state of apache2.service with SysV service script with /usr/lib/systemd/systemd-sysv-install.
Executing: /usr/lib/systemd/systemd-sysv-install enable apache2
ignris@2b4579b9c7125f2:~$ sudo mkdir /var/www/html/test_website/
ignris@2b4579b9c7125f2:~$ echo '<html><head><title>Example</title></head><body><h1>GFG</h1><p>This is a test.</p></body></html>' | sudo tee /var/www/html/test_website/index.html
<html><head><title>Example</title></head><body><h1>GFG</h1><p>This is a test.</p></body></html>
ignris@2b4579b9c7125f2:~$ 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
-bash: /etc/httpd/conf.d/web.conf: No such file or directory
ignris@2b4579b9c7125f2:~$ sudo chown -R apache:apache /var/www/html/test_website
755 /var/www/html/test_websitesudo chmod -R 755 /var/www/html/test_websitechown: invalid user: 'apache:apache'
ignris@2b4579b9c7125f2:~$ sudo chown -R apache:apache /var/www/html/test_website
755 /var/www/html/test_websitesudo chmod -R 755 /var/www/html/test_websitechown: invalid user: 'apache:apache'
ignris@2b4579b9c7125f2:~$ sudo chown -R apache:apache /var/www/html/test_website
chmod -R 755 /var/www/html/test_websitesudo chmod -R 755 /var/www/html/test_websitechown: invalid user: 'apache:apache'
ignris@2b4579b9c7125f2:~$
ignris@2b4579b9c7125f2:~$ sudo chmod -R 755 /var/www/html/test_website
ignris@2b4579b9c7125f2:~$
ignris@2b4579b9c7125f2:~$ cd /var/www/html/
ignris@2b4579b9c7125f2:/var/www/html$
ignris@2b4579b9c7125f2:/var/www/html$ ls
index.html test_website
ignris@2b4579b9c7125f2:/var/www/html$ sudo rm index.html
ignris@2b4579b9c7125f2:/var/www/html$ sudo nano index.html
ignris@2b4579b9c7125f2:/var/www/html$
```

Activate Windows
Go to Settings to activate Windows.

OUTPUT



GFG

This is a test.