STEPS TO INSTALL APACHE WEB SERVER IN LINUX

Step1: Check Linux Distribution

```
© root@944885799315e0.~

root@944885799315e0:~# grep -E '^(VERSION|NAME)=' /etc/os-release

AMAKE-"Ubuntu"

VERSION="24.04.1 LTS (Noble Numbat)"
```

Step2: Update the System

```
Htt: http://archive.ubuntu.com/ubuntu noble inRelease [126 kB]
Get:2 http://archive.ubuntu.com/ubuntu noble-inRelease [126 kB]
Get:3 http://archive.ubuntu.com/ubuntu noble-security inRelease [126 kB]
Get:3 http://archive.ubuntu.com/ubuntu noble-security inRelease [126 kB]
Set:5 http://security.ubuntu.com/ubuntu noble-security/main amdd4 Components [7224 B]
Set:5 http://security.ubuntu.com/ubuntu noble-security/main amdd4 Components [52.0 kB]
Set:5 http://security.ubuntu.com/ubuntu noble-security/main amdd4 Components [52.0 kB]
Set:6 http://security.ubuntu.com/ubuntu noble-security/main amdd4 Packages [781 kB]
Set:9 http://security.ubuntu.com/ubuntu noble-security/mstricted amdd4 Components [212 B]
Set:9 http://security.ubuntu.com/ubuntu noble-security/mstricted amdd4 Components [212 B]
Set:10 http://security.ubuntu.com/ubuntu noble-security/mstricted amdd4 Components [51 B]
Set:10 http://security.ubuntu.com/ubuntu noble-security/mstricted amdd4 Components [51 B]
Set:10 http://security.ubuntu.com/ubuntu noble-updates/universe amdd4 Components [300 kB]
Set:10 http://security.ubuntu.com/ubuntu noble-updates/universe amdd4 Components [300 kB]
Set:10 http://security.ubuntu.com/ubuntu noble-updates/universe amdd4 Components [312 B]
Set:10 http://security.ubuntu.com/ubuntu noble-updates/universe amdd4 Components [310 kB]
Set:10 http://security.ubuntu.com/ubuntu noble-updates/multiverse amdd4 Components [311 RB]
Set:10 http://security.ubuntu.com/ubuntu noble-backports/multiverse amdd4 Components [311 RB]
Set:10 http://security.ubuntu.com/ubuntu noble-backports/multiverse amdd4 Components [311 RB]
Set:10 http://security.ubuntu.com/ubuntu noble-backports/restricted amdd4 Components [311 RB]
Set:10 http://security.ubuntu.com/ubuntu noble-backports/restricted amdd4 Components [312 B]
Set:10 http://security.ubuntu.com/ubuntu noble-backports/restricted amdd4 Components [312 B]
Set:10 http://security.ubuntu.com/ubuntu noble-backports/restricted amdd4 Components [312 B]
Set:10 http://security.ubuntu.com/ubuntu noble-backports/
```

Step3: Upgrade the System

Step4: Install Apache Web Server

```
root@9a4a8a5799315e8:-# sudo apt install apache2 -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
apache2 is already the newest version (2.4.58-lubuntu8.5).
B upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
```

Step5: Enable the Services

```
root@9a4a8a5799315e0:~# 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
```

Step6: Test the server by hosting simple website

```
root@9a4a8a5799315e0:~# sudo mkdir /var/www/html/test_website1
```

Step7: Website Code

```
root@34a8a5799315e0:-# echo '<VirtualHost *:80>
ServenName web.testingserver.com
DocumentRoot /var/Awa/Hutml/website
DirectoryIndex index.html
Ernorlog /var/log/httpd/example.com_requests.log
combined
<fvIrtualHost '.880>
ServenName web.testingserver.com
DocumentRoot /var/Awa/Homfid_vebsite
DirectoryIndex index.html
Ernorlog /var/log/httpd/example.com_requests.log
combined
<fvIrtualHost *:80>
ServenName web.testingserver.com
DocumentRoot /var/Awa/Atml/website
DirectoryIndex index.html
Ernorlog /var/log/httpd/example.com_requests.log
combined
<fvIrtualHost / etc/httpd/conf.d/web.conf
root@34a8a5799315e0:-# _
root@34a8a5799315e0:-# echo '(html)
head

titlebExample</title>

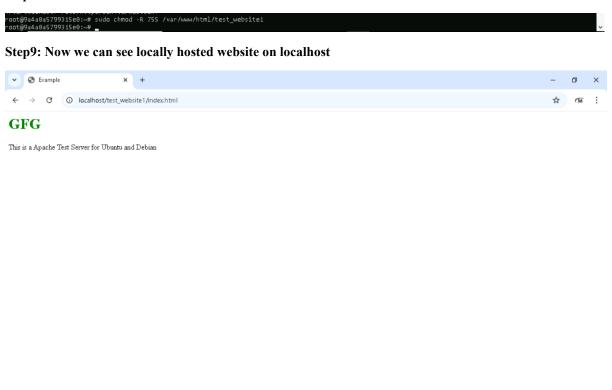
fhead

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fhead

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Step8: Run the command to test the website



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