

```
karthi@vml: ~  
login as: karthi  
karthi@20.51.150.226's password:  
Welcome to Ubuntu 20.04.6 LTS (GNU/Linux 5.15.0-1037-azure x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:       https://ubuntu.com/advantage  
  
System information as of Tue May 9 04:26:09 UTC 2023  
  
System load:  0.48          Processes:            101  
Usage of /:   5.2% of 28.89GB Users logged in:          0  
Memory usage: 25%          IPv4 address for eth0: 10.5.0.4  
Swap usage:   0%  
  
Expanded Security Maintenance for Applications is not enabled.  
  
0 updates can be applied immediately.  
  
Enable ESM Apps to receive additional future security updates.  
See https://ubuntu.com/esm or run: sudo pro status  
  
The list of available updates is more than a week old.  
To check for new updates run: sudo apt update  
  
The programs included with the Ubuntu system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/copyright.  
  
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.  
  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
karthi@vml:~$ sudo apt-get update  
Hit:1 http://azure.archive.ubuntu.com/ubuntu focal InRelease  
Get:2 http://azure.archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]  
Get:3 http://azure.archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]  
Get:4 http://azure.archive.ubuntu.com/ubuntu focal-security InRelease [114 kB]  
Get:5 http://azure.archive.ubuntu.com/ubuntu focal/universe amd64 Packages [8628  
kB]
```

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```
karthi@vml: ~  
Processing triggers for libc-bin (2.31-0ubuntu9.9) ...  
karthi@vml:~$ sudo apache2 status  
Usage: apache2 [-D name] [-d directory] [-f file]  
          [-C "directive"] [-c "directive"]  
          [-k start|restart|graceful|graceful-stop|stop]  
          [-v] [-V] [-h] [-l] [-L] [-t] [-T] [-S] [-X]  
  
Options:  
-D name      : define a name for use in <IfDefine name> directives  
-d directory : specify an alternate initial ServerRoot  
-f file      : specify an alternate ServerConfigFile  
-C "directive" : process directive before reading config files  
-c "directive" : process directive after reading config files  
-e level     : show startup errors of level (see LogLevel)  
-E file      : log startup errors to file  
-v          : show version number  
-V          : show compile settings  
-h          : list available command line options (this page)  
-l          : list compiled in modules  
-L          : list available configuration directives  
-t -D DUMP_VHOSTS : show parsed vhost settings  
-t -D DUMP_RUN_CFG : show parsed run settings  
-S          : a synonym for -t -D DUMP_VHOSTS -D DUMP_RUN_CFG  
-t -D DUMP_MODULES : show all loaded modules  
-M          : a synonym for -t -D DUMP_MODULES  
-t -D DUMP_INCLUDES : show all included configuration files  
-t          : run syntax check for config files  
-T          : start without DocumentRoot(s) check  
-X          : debug mode (only one worker, do not detach)  
  
karthi@vml:~$ sudo service apache2 status  
● apache2.service - The Apache HTTP Server  
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)  
   Active: active (running) since Tue 2023-05-09 04:28:10 UTC; 5min ago  
     Docs: https://httpd.apache.org/docs/2.4/  
 Main PID: 2715 (apache2)  
   Tasks: 55 (limit: 1076)  
  Memory: 9.5M  
   CGroup: /system.slice/apache2.service  
           └─2715 /usr/sbin/apache2 -k start  
             └─2718 /usr/sbin/apache2 -k start  
               └─2719 /usr/sbin/apache2 -k start  
  
May 09 04:28:10 vml systemd[1]: Starting The Apache HTTP Server...  
May 09 04:28:10 vml systemd[1]: Started The Apache HTTP Server.  
karthi@vml:~$
```

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Apache2 Ubuntu Default Page

It works!

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at `/var/www/html/index.html`) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in `/usr/share/doc/apache2/README.Debian.gz`**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the `apache2-doc` package was installed on this server.

The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

```
/etc/apache2/  
|-- apache2.conf  
|   |-- ports.conf  
|-- mods-enabled  
|   |-- *.load  
|   |-- *.conf  
|-- conf-enabled  
|   |-- *.conf  
|-- sites-enabled  
|   |-- *.conf
```

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