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## How To: Ubuntu Install Apache Software

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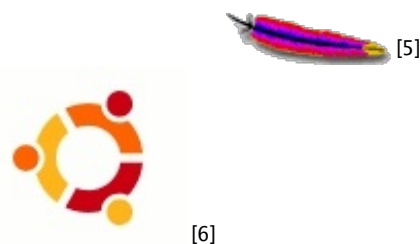
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- [Ubuntu Linux Start / Restart / Stop Apache Web Server](#) <sup>[2]</sup>
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How do I install Apache 2 software under Ubuntu Linux?

The web server is responsible for providing access to content via the HTTP protocol. Apache supports a variety of features, many implemented as compiled modules which extend the core functionality. These can range from server-side programming language support to authentication schemes. Some common language interfaces support Perl, Python, Tcl, and PHP.



## Install Apache2

The Apache2 (HTTPD) web server is available in Ubuntu Linux. You can install Apache2 using apt-get command. Open a console (terminal) and type the following command to update existing packages:

```
sudo apt-get update
```

Next, type the following command to install Apache2 web server:

```
sudo apt-get install apache2
```

## Configuration Files

1. **Default http port** - 80
2. **Default https (SSL) port** - 443
3. **Default configuration directory** - /etc/apache2/
4. **Various configuration file directory** - /etc/apache2/conf.d/
5. **Various configuration files to load modules** and configure them directory - /etc/apache2/conf.d/mods-available/, also /etc/apache2/conf.d/mods-enabled/ is symlinked to this directory.
6. **Apache virtual hosting configuration** directory - /etc/apache2/sites-available/, also /etc/apache2/sites-enabled contains symlinks to the /etc/apache2/sites-available directory.
7. **Default main configuration** file - /etc/apache2/apache2.conf
8. **Default TCP/IP ports** configuration file - /etc/apache2/ports.conf
9. **Default environment configuration** file - /etc/apache2/envvars (various Apache2 environment variables are set such as username, PID file etc.)

You can edit all the configuration files using nothing but text editors such as vim.

## Confirm Minimal Built-in Modules

Type the following command to display the set of compiled-in modules

```
$ httpd -l
```

Sample Outputs:

```
Compiled in modules:
```

```
core.c
mod_log_config.c
mod_logio.c
prefork.c
http_core.c
mod_so.c
```

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