

# ubuntu installation

WEB service:

```
sudo apt update
```

```
sudo apt install apache2
```

```
sudo systemctl status apache2
```

```
sudo systemctl stop apache2.service
```



The screenshot shows a web browser window with the title "Apache2 Ubuntu Default Page: x". The address bar shows "3.83.155.157" and "Not secure". The page content includes the Apache2 logo, the text "Apache2 Default Page", the Ubuntu logo, and a red button that says "It works!". Below this, there is a paragraph of text explaining the purpose of the page and a section titled "Configuration Overview" which provides details about the configuration files and their locations.

**Apache2 Default Page**

Ubuntu

**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.

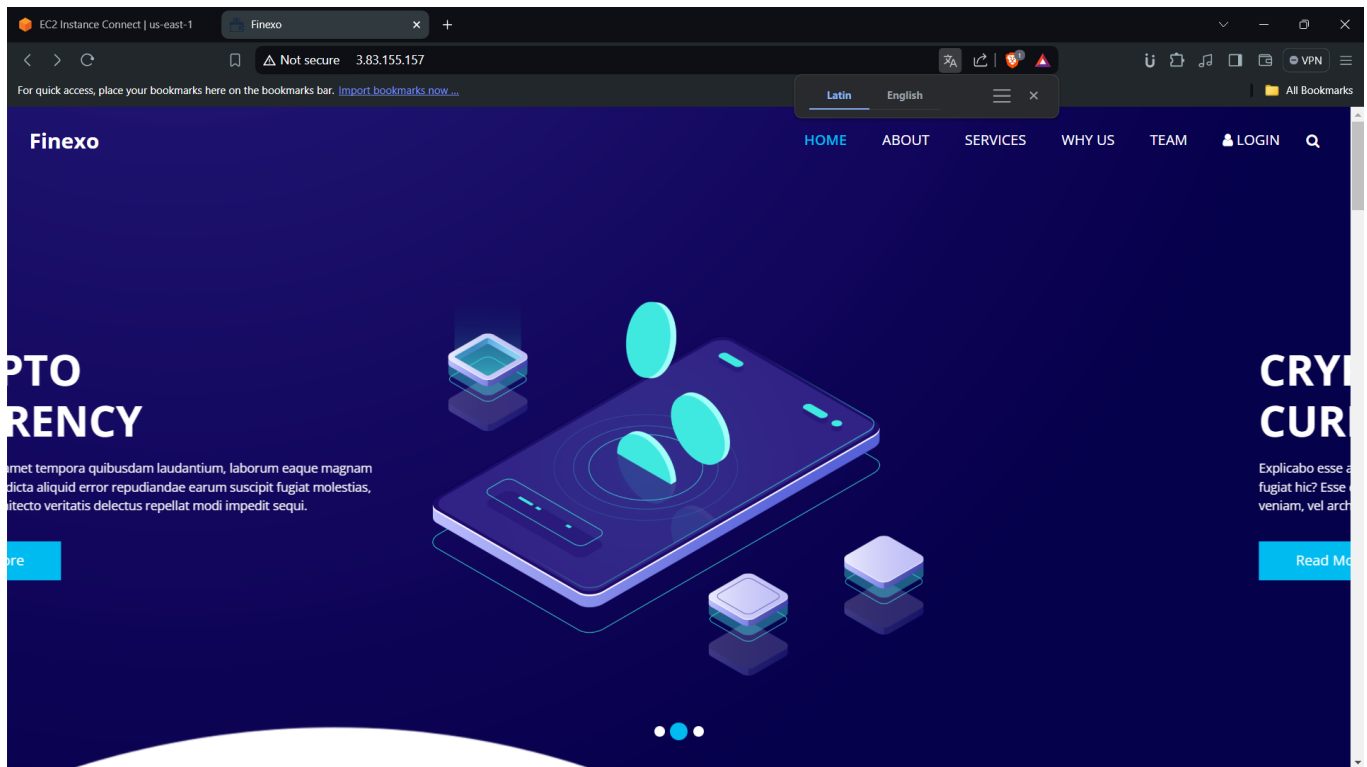
### Configuration Overview

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
```

- `apache2.conf` is the main configuration file. It puts the pieces together by including all remaining



Installing tomcat:

```
wget https://dlcdn.apache.org/tomcat/tomcat-8/v8.5.100/bin/apache-tomcat-8.5.100.tar.gz
```

```
$ tar -xvf apache-tomcat-8.5.100.tar.gz <-extract the file
```

```
$ ls <- to see the extracted files
```

```
$ cd apache-tomcat-8.5.100 <-open the extracted file
```

```
$ cd bin <- open the bin file
```

```
$ java - version
```

```
$ sudo apt-get update
```

```
$ sudo apt-get install openjdk-8-jdk
```

```
$ ./startup.sh <- start the tomcat service
```

## Apache Tomcat/8.5.100



If you're seeing this, you've successfully installed Tomcat. Congratulations!



Recommended Reading:

[Security Considerations How-To](#)  
[Manager Application How-To](#)  
[Clustering/Session Replication How-To](#)

Server Status

Manager App

Host Manager

### Developer Quick Start

[Tomcat Setup](#)

[First Web Application](#)

[Realms & AAA](#)

[JDBC DataSources](#)

[Examples](#)

[Servlet Specifications](#)

[Tomcat Versions](#)

### Managing Tomcat

For security, access to the `manager.webapp` is restricted. Users are defined in:

`$CATALINA_HOME/conf/tomcat-users.xml`

In Tomcat 8.5 access to the manager application is split between different users.  
[Read more...](#)

[Release Notes](#)

[Changelog](#)

[Migration Guide](#)

[Security Notices](#)

### Documentation

[Tomcat 8.5 Documentation](#)

[Tomcat 8.5 Configuration](#)

[Tomcat Wiki](#)

Find additional important configuration information in:

`$CATALINA_HOME/RUNNING.txt`

Developers may be interested in:

[Tomcat 8.5 Bug Database](#)

[Tomcat 8.5 JavaDocs](#)

[Tomcat 8.5 Git Repository at GitHub](#)

### Getting Help

[FAQ and Mailing Lists](#)

The following mailing lists are available:

[tomcat-announce](#)  
Important announcements, releases, security vulnerability notifications. (Low volume).  
[tomcat-users](#)  
User support and discussion  
[taglibs-user](#)  
User support and discussion for [Apache Taglibs](#)  
[tomcat-dev](#)  
Development mailing list, including commit messages