

A Simple site

- **How to set up a Web Server on Ubuntu introduction**
 - In this Document I will explain how to create a webserver on Ubuntu with step by step walkthrough until the process is complete
-

Step 1 installing VirtualBox

- To download VirtualBox you must go to Oracle Virtualbox's Download page in your website browser. This is the link which will take you there <https://www.virtualbox.org/wiki/Downloads>
 - Upon viewing the User agreement click Accept and download
 - Once you have Downloaded VirtualBox you will see the Wizard Setup page
 - Click Next on the End- User License Agreement page after accepting the terms
 - Click next on the rest of the pages and the install will be complete
-

Step 2 Installing Ubuntu Server To install Ubuntu Server you will need to search for Ubuntu.com on your website browser. This is the Link to the website <https://ubuntu.com/download/server>

- Navigate to the Products tap at the top of the screen
 - In the Featured area click with your mouse on Ubuntu Server
 - Click Download Ubuntu Server
 - After the Download is complete hit enter on Try or Install Ubuntu Server
 - Select the language of your choice on the language page
 - On the choice type of install page press enter on Ubuntu Server
 - Hit done on the next pages until you reach the profile setup page
 - On this page you will insert your information for your system
 - Hit done on the next few pages and the installation will be complete
-

Step 3 Installing Apache

- To install Apache on your Ubuntu Server you must enter this command `sudo apt install apache2` you have need to update the system as well and the use of `sudo apt update` may be needed
 - To ensure the installation was completed run this command `sudo systemctl apache2` which will display the status of apache on your software
 - After following those steps correctly Apache will be installed on your system
-

- Step 4 Setting up the firewall
- To set up the firewall you must ensure that the ufw command is installed and enabled to do this use `sudo ufw status`
- If not installed use the command `sudo apt install ufw`
- Next we will allow apache to be used on the system with this command `sudo ufw allow Apache Full` this command will allow Apache to be used without restrictions from the firewall
- After completing the steps in this section you will have completed the process for setting up a virtualbox with Ubuntu and Apache installed aswell as a functioning firewall

