

Deliverable 1 Submission

Basic Terminology

What is a web server?

A web server is a software and hardware that uses HTTP(Hypertext Transfer Protocol) and other protocols to respond to client requests made over the World Wide Web. The main job of a web server is to display website content through storing, processing and delivering webpages to users.

What is Apache?



A directive in a configuration option. /etc/httpd/conf/http.conf

What are some example web server applications?

Application Name	license	Project's Website
Example 1	GNU General Public License (GPL)	example 1
Example 2	Apache License 2.0	example 2
Example 2	MIT license	example 3

Example 1



WordPress is a free and open-source content management system based on PHP & MySQL. Features include plugin architecture and a template system.

Example 2



A type that defines the implementation of a particular kind of object. An object is created from a class. In java, the new keyword is used to create new objects from software.

Example 3



Mit License means permissive free, you are allowed to do anything you want with MIT-licensed code, as long as you include the original license somewhere in your derivative.

What is virtualization?

Virtualization is a technique used for creating virtual resources (rather than actual) such as, server storage device, network and operating system. Virtualization is disassociating the tight bond between software and hardware.

What is virtualbox?



A VirtualBox is a tool for virtualizing x86 and AMD64/Intel64 computing architecture, enabling users to deploy desktops, servers, and operating systems as virtual machines.

What is a virtual machine?

A virtual machine (VM) image file consisting of a pre-configured operating system (OS) environment and a single application.

What is Ubuntu Server?



A free and open source operating system and Linux distribution. Offered in three official editions: Ubuntu Desktop for personal computers, Ubuntu Server for servers and the cloud, and Ubuntu Core for Internet of things devices. New releases occur every six months, while long-term support (LTS) releases occur every two years.

What is a firewall?

A firewall is a hardware or software system that prevents unauthorized access to or from a network used to separate a trusted network from an untrusted network basically act like a filter and stops untrusted network traffic or packets. It protects the network from external attacks.

What is SSH?

A Secure Shell (SSH) is a remote administration protocol that allows users to control and modify their remote servers over the internet.