Deliverable 1

> Tutorial can be found here

Concepts I don't understand:

Apache: Open-source cross-platform web server software nano: Text editor for Unix-like computing systems or operating environments using a command line interface. configtest: Parses the configuration files and either reports Syntax Ok or detailed information about the particular syntax error.

What is a web server? Hardware and software side

A web server can be referred as when hardware or software, or both of them working together.

Hardware side of it, a web server is a computer that stores web server software and a website's component files (for example, HTML documents, images, CSS stylesheets, and JavaScript files). A web server connects to the Internet and supports physical data interchange with other devices connected to the web.

Software side of it, a web server includes several parts that control how web users access hosted files. At a minimum, this is an HTTP server. An HTTP server is software that understands URLs (web addresses) and HTTP (the protocol your browser uses to view webpages). An HTTP server can be accessed through the domain names of the websites it stores, and it delivers the content of these hosted websites to the end user's device.

What are some different web server applications?

Some different kinds of web server applications are: Apache, Caddy, Monkey Server, and OpenLiteSpeed.

What is virtualization?

In computing, virtualization is the act of creating a virtual version of something at the same abstraction level, including virtual computer hardware platforms, storage devices, and computer network resources.

What is virtualbox?

Virtualbox is an open-source software for virtualizing the x86 computing architecture.

What is a virtual machine?

A computer system created using software on one physical computer in order to emulate the functionality of another separate physical computer.

What is Ubuntu Server?

Ubuntu Server is a part of the larger set of Ubuntu products and operating system developed by Canonical Ltd. Ubuntu server is a specific addition that differs a little bit from Ubuntu desktop, in order to facilitate installation on servers.

What is a firewall?

In computing, a firewall is a network security system that monitors and controls incoming and outgoing network traffic based on predetermined security rules.

What is SSH?

Secure Shell or Secure Socket Shell, is a network protocol that gives users, particularly system administrators, a secure way to access a computer over an unsecured network.