

Deliverable 1

Tutorial can be found [here](#)

Concepts I do not understand

- UFW Firewall
 - this is stands for uncomplicated firewall
- systemd
 - software built into most linux operating systems for system service use
- systemctl
 - a main component of systemd used for administration
- virtual host
 - hosting multiple domain names on server infrastructure
- server block
 - nginx's way of hosting multiple websites with ip address
- chown
 - change owner command, used to change file ownership

What is a web server? Hardware and software side

A web server can be two things, on the physical side, it is the container that holds the websites assets and fulfills requests; on the software end, a web server is the part of a web server that manages access to assets.

What are some different web server applications?

There is Nginx, Apache, and Microsoft IIS.

What is virtualization?

Virtualization is using one of a computers cpu cores to act as the brain of a virtual computer.

What is virtualbox?

Virtualbox is virtualization software developed by Oracle Corporation.

What is a virtual machine?

A virtual machine is a way to emulate a computer on a part of some device's hardware.

What is Ubuntu Server?

Ubuntu Server is a linux distribution intended for the use of providing services to clients.

What is a firewall?

A firewall is a form of network security used to keep malicious actors and software out of a system.

What is SSH?

SSH stands for secure shell. It is a way to remotely connect to a device that is currently turned on.