Deliverable 1

What is a web server? Hardware and software side

- The web server is essentially a program which sends a request to to then connect to a browser and has both a hardware and software side to its operation
- The Hardware side it is a computer which stores web server software and a websites component files
- The Software side is a web server which includes several parts that control how web users access host files using HTTP **What are some different web server applications?**
- Apache Nginx are some of the available server applications which can be used

What is virtualization?

- virtualization is a technology that creates virtual machines from a single physical server

What is virtualbox?

- It is a free and open source software developed by oracle which allows you to run multiple ios systems on a single computer

What is a virtual machine?

- Its a software based emulator that represents a physical computer although it is actually running from another system from the inside

What is Ubuntu Server?

- Ubuntu server is a version of ubuntu which is designed to run on servers instead of a pc

What is a firewall? *A firewall is a security system that controls incoming and outgoing data based on a preset security system and can either be strictly hardware or software of both

What is SSH?

- SSH is a network protocol that allows for secure access and control on a remote computer