Nathalie Kwamo

Homework 2

1. Define the following terms:
2. HTML: Hyper Text Markup Language. It is a programming language used to convert private LAN information into public internet information.
3. The difference between HTTP and HTTPS:

HTTP: Hyper Text Transmission Protocol. It is a protocol used to transmit web pages or internet traffic. It transmits data in plain text or clear text (human readable).

HTTPS: Hyper Text Transmission Protocol Secure. It transmits web traffic in cyphertext ( non human readable, encrypted data). It uses the security protocol SSL or TLs to encrypt data.

1. The difference between the internet from www:

Internet is a group of networks connected together spanning the globe whereas www (world wide web) is a group of public internet resources connected together spanning the globe.

1. HTTP is used to transmit web pages or internet traffic into plain human readable text whereas HTTPS transmits web traffic in encrypted data, non human readable text. HTTPS uses the security protocol SSL or TLs to encrypt data.
2. UNIX kernel: It is the core of a UNIX operating system. It is an open source freeware.
3. A System Admin can perform the tasks of a PC tech, network tech, network admin and is an expert in 2 or more server operating systems.

A Network Admin can perform the task of a PC tech, network tech and he is an expert in a server operating system.

A System Engineer has skills of a PC tech, network tech, network admin, systems admin, routing, switch, can design and build a network from ground up.

1. Some of UNIX flavors:

HP-UX, Solaris, AIX, Mac OS

Flavors of LINUX ( LINUX is a sub-flavor of UNIX):

RHEL, Centos, UBUNTU, Fedora, Android, IOS

Flavors we will be learning in this course:

UNIX- Solaris

LINUX- RHEL, Centos

Other OS we will be learning in this program:

Windows, DEVOPS, AWS, Pen Testing

1. Branch of IT I will be specialized in:

LINUX, UNIX, Windows, DEVOPS, AWS, Pen Testing

1. Founding fathers of:

UNIX- Ken Thompson and Dennis Richie

LINUX- Linus Tovalds

1. Switch: It is a device used to connect network systems together.
2. Router: It is a device used to connect networks or LANs together.
3. Networked system: It is a group of computers or systems, connected together sharing information or data.
4. Application: It is a software designed or built to accomplish a specific task.
5. Windows Desktop Support Video watched and increase performance of my windows system.
6. Number of malware threats scan in my system:

Items scanned: 311,986

Scan time: 3m34s

0 detection

1. How to increase performance of my windows system:
2. Delete system junk (temp) files
3. Uninstall obsolete application
4. Troubleshoot and fix OS issues with inbuilt windows troubleshoot tools.
5. Verify if system is fully up to date
6. Scan and remove malware
7. Find and fix corrupted or defective OS files
8. Fix corrupted filesystem files and Hard Drive issues
9. All indicated Files downloaded in my system.