Career Lab 2020

MAXX POTENTIAL

Part 1: Hardware & Command Line

Discussion

SSH - Secure Shell: Allows us to connect to a remote server

Mac/Linux:
Open Terminal/Command Line
$ `ssh user@host ip/domain`
`user@host's password:` type password > hit enter

Windows:
10+ - Getting SSH setup
Other Versions - Getting PuTTY setup to SSH

Server IP, User, & Passwords will be distributed through Zoom chat

Command Line Captain!

Some commands you may find useful:

$ `free`
$ `cat /proc/meminfo`
$ `top`
$ `ls`
$ `cd`
$ `cat /proc/cpuinfo`
$ `df`
$ `whoami`
$ `man`
$ `pwd`

1. What is the format of a Linux command?
   $ command [options] [arguments]
2. What user are you logged in as, and which command can prove it?
   root, $ whoami
3. How much memory does this server have?

4. How much storage does this server have? (Could you store a 10GB file?)

5. What model processor (CPU) does this server have?

   Intel(R) Xeon(R) Gold 6140 CPU @ 2.30GHz (answers may vary) $ cat /proc/cpuinfo

6. What operating system is the virtual machine running?

   Ubuntu 18.04.3 LTS (Bionic Beaver) (answers may vary) $ cat /etc/os-release

Now, let's have some fun...

```
$ apt-get install cmatrix
$ man cmatrix
$ cmatrix
```

```
$ apt-get install figlet
$ figlet your-name-here
```