

Cybersecurity Virtualization Notes

Host vs. Guest OS

- The difference between Host OS and a Guest OS?
 - **Host OS** is a software on a computer that works with the underlying hardware.
 - **Guest OS** is a OS that runs inside a virtual machine.

Getting Familiar With Linux

1. **Echo** is a command that takes some extra data (argument) in this case "Hello" and writes that data as an output.

Core Commands 3

- **EVERYTHING** is a FILE.
- Everything begins with a **ROOT**.

Navigation

- Where am i? Would be the command **"pwd"**. Print Working Directory.
- What's here? Would be the command **"ls"**. List Segments.
 - This command also takes options like... "ls -a". This will show all files at a current level, including hidden files. (Those whose names begin with a '.')
- Take me there! Would be the command **"cd"**. Change Directory.
 - Take me back! Would be either "."(current directory) or ".."(parent directory). (use cd command)

File/Directory Creation

- To create a file we can use the **"touch"** command.
 - This will create a file in the present directory with that filename that you created.
- To create a new directory we can use the **"mkdir"** command. Make Directory.