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Show Name: CompTIA Linux+ (XK0-004)

Topic: Performing Basic Linux Tasks

Episode Name: Linux Command Line

Description: In this episode, Zach and Don explore the Linux command line interface. They discuss some of the various shells available in Linux and demonstrate some of the more common commands used when navigating the CLI.

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## Linux Command Line

### [?] How do we access the command line interface?

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- Boot direct to console
- Terminal software
  - XTERM
  - Konsole
  - Gnome Terminal

### [?] Is the CLI the same on all Linux distros?

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- `/bin/sh`
  - Generally links to another shell
- Red Hat / CentOS
  - `/bin/bash`
- Ubuntu
  - `/bin/dash`

### [?] How do we execute commands in the CLI?

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- Single commands
  - `ls`
  - `history`
- Options/Arguments
  - `uname`
  - `uname -a`
  - `shutdown -h now`

### [?] What are some common commands we may use?

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- `ls`
- `mkdir`
- `cd`
- `pwd`
- `echo`
- `touch`
- `cp`

### [?] Can we edit files from within the CLI?

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- View
  - `cat`
  - `more`
  - `less`

- Edit
  - vim
  - nano
  - gedit

**[?] Are there any other tips or tricks for the CLI?**

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- Tab auto-complete