Cisco IOS Cheat sheet

Some information about the Cisco IOS command line

IOS has built-in help

- "?" Will show you command line completions

- "show ?" gives you a list of show commands

Two modes

- Like Unix it has a "superuser" mode

- If the prompt is Router> then unprivileged mode

- If the prompt is Router# then privileged mode

- Use "enable" command to enter privileged mode

- "ena" is enough typing

- "disable" will get you back to unprivileged mode

Editing the configuration

- Must be in "enable" mode

- Command is "configuration terminal"

- "conf t" is enough typing

- Prompt will change to Router(config)#

- Use "exit" to escape

- There are other configuration modes but we don't need them for the labs

Multiple levels

- Some configuration commands take you down levels

- For example if you configure an interface

- "exit" will drop you out one level at a time

- "end" will take you direct to "enable" mode

Saving your work

- Must be in "enable" mode

- "write memory" or "wr"

- You can also "wr t" or "write terminal"
  - Will show you the saved configuration

- Also "sh run" or "show running-configuration"
  - Will show the running configuration

- IOS often has more than one way to do the same thing, there is a lot of history in its CLI

Editing the command line

- There is a limited about of CLI history stored in each mode

- Use the arrow keys
  - Up/down recall old commands
  - Left/right move around in the command

- Tab will try to complete the word

Command NOT to use

- Do not be tempted by the "reload" command
- It will NOT reboot your router it will hang it instead