**Basic IOS Navigation**

Enter configuration mode with

* Fully typed command.
  + Configure Terminal
* Tabbed completion.
  + Normal tabbing
* Partially typed command.
  + Conf t
* Practice an exit from global config 3 different ways.
  + Exit
  + End
  + Ctrl+Z

Enter configuration mode for interface Gig 0/0

* Configure “description this is the interface that connects to the core1 switch”
* Practice with Ctrl+A and Ctrl+E
  + Ctrl+A | moves cursor to the beginning of the line.
  + CTRL+E | moves cursor to the end of the line.
* Practice with the up and down arrows

Enter configuration mode for the routing protocol RIP (Routing information protocol)

* Router rip

Jump directly to configuration mode for in Gig 1/0

**Hostnames and MOTD Banners**

Which of the follow is the benefit of configuring synchronous logging on line console 0?

* Current line in the terminal window is automatically refreshed

Hostname

* Hostname SW-01

MOTD

* Banner motd line
  + Hello secure message have a great day.
  + $

What layer is the interface vlan 1

* Layer 3 because it has the routing ability with an ip address.

Which of the following is the default state for a Layer 3 interface on a new Cisco router that hasn't been configured?

* No ip address and shutdown

**Configure DNS and router interfaces**

Routers with only ip configuration can not speak to other routers. It has to have other ways of communication.

When configuring a banner message, how does the IOS know you are done, and the banner then becomes part of the running configuration?

* The delimiting character is repeated
  + Banner motd %
    - %