

# Questions?

- b. How many Ethernet or Fast Ethernet interfaces does the switch have? 24
- c. What is the range of values shown for the VTY lines? 0 - 15
- d. Examine the current contents of NVRAM as follows:

```
Switch#show startup-config  
startup-config is not present  
Switch#
```

- e. Why does the switch give this response?  
there is not any content in NVRAM yet, we haven't made changes.

# Questions?

- a. Exam the current configuration that follows to verify that there is no configuration except for the hostname:

```
ALSwitch# show running-config
```

- b. Are there any passwords set on the lines? No
- c. What does the configuration show as the hostname of this switch? ALSwitch

# Set the Command Mode Passwords

- b. Which password takes precedence, the enable password or enable secret password?  
enable password

# Questions?

- a. Verify the interface settings on VLAN 1 as follows:

```
ALSwitch# show interface VLAN1
```

- b. What is the bandwidth on this interface? 100000 Kbit **BW 100000 Kbit,**
- c. What are the VLAN states: VLAN1 is down, Line protocol is down

```
ALSwitch#show interface VLAN1  
Vlan1 is administratively down, line protocol is down
```

# Questions?

- d. Enable the virtual interface using the no shutdown command

```
ALSwitch#config terminal
Enter configuration commands, one per line. End with CNTL/Z.
ALSwitch(config)#interface VLAN1
ALSwitch(config-if)#no shutdown

ALSwitch(config-if)#
%LINK-5-CHANGED: Interface Vlan1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan1, changed state to up

ALSwitch(config-if)#exit
ALSwitch(config)#exit
ALSwitch#
%SYS-5-CONFIG_I: Configured from console by console
ALSwitch#
```

- e. What is the queuing strategy? FIFO

Queueing strategy: fifo

# Questions

- a. To see the configuration that is stored in NVRAM, type show startup-config from the privileged EXEC (enable mode).

```
ALSwitch#show startup-config
```

- b. What is displayed? \_\_\_\_\_
- c. Are all the changes that were entered recorded in the file? \_\_\_\_\_





## Terminal

```

[OK]
ALSwitch#show startup-config
Using 1190 bytes
!
version 12.1
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!

```

```
hostname ALSwitch
```

```
!
enable secret 5 $l$mERr$9cTjUIEqNGurQiFU.ZeCil
enable password cisco
!
!
!
!
!

```

```
spanning-tree mode pvst
spanning-tree extend system-id
!

```

```

interface FastEthernet0/1
!
interface FastEthernet0/2
!
interface FastEthernet0/3
!
interface FastEthernet0/4
!
interface FastEthernet0/5
!
interface FastEthernet0/6
!
interface FastEthernet0/7
!
interface FastEthernet0/8
!
interface FastEthernet0/9
!
interface FastEthernet0/10
!
interface FastEthernet0/11
!
interface FastEthernet0/12
!
interface FastEthernet0/13
!

```

```

interface FastEthernet0/14
!
interface FastEthernet0/15
!
interface FastEthernet0/16
!
interface FastEthernet0/17
!
interface FastEthernet0/18
!
interface FastEthernet0/19
!
interface FastEthernet0/20
!
interface FastEthernet0/21
!
interface FastEthernet0/22
!
interface FastEthernet0/23
!
interface FastEthernet0/24
!
interface Vlan1
ip address 192.168.1.3 255.255.255.0
!
ip default-gateway 192.168.1.1
!
!
!
!
line con 0
password cisco
login
!
line vty 0 4
password cisco
login
line vty 5 15
password cisco
login
!
!
!
!
end

```

```
ALSwitch#
```