Lab Report

Your Performance

Your Score: 0 of 5 (0%)   Pass Status: Not Pass

Elapsed Time: 37 seconds   Required Score: 100%

Task Summary

✖ Configure port Fa0/6 to 10Mbps

✖ Configure port Fa0/7 to half duplex

✖ Shut down all unused interfaces (Fa0/4, 0/5, 0/8–0/23, & Gi0/1–0/2)

✖ Correct additional misconfigured ports   Hide Details

> ▬ Configure port Fa0/2 for auto speed
> ▬ Configure port Fa0/3 for auto duplex
> ▬ Enable port Fa0/24

✖ Save your changes to the startup-config file   Hide Details

> ▬ Save Fa0/6 settings
> ▬ Save Fa0/7 settings
> ▬ Save the shutdown for Fa0/4, 5, 8–23, and Gi0/1–2
> ▬ Save the Fa0/2 settings
> ▬ Save the Fa0/3 changes
> ▬ Save the Fa0/24 changes

Explanation

To complete this lab:

- Use the **speed** command to manually set the port speed.
- Use the **duplex** command to set the duplex.
- Use the **shutdown** command to disable interfaces.

Use the **interface range** command to enter configuration mode for multiple ports at a time.

- Use the **show interface status** command to check the configuration of all ports from a single list. Use this output to verify that all other ports have the correct speed, duplex, and shutdown settings. As necessary, modify the configuration to correct any problems you find. To successfully complete this lab, when you are finished, all ports should have the settings as shown in the following table:

Interfaces	Status	Duplex	Speed
FastEthernet0/1–3 FastEthernet0/24	Not shut down	Auto	Auto
FastEthernet0/6	Not shut down	Auto	10 Mbps
FastEthernet0/7	Not shut down	Half	Auto
FastEthernet0/4–5 FastEthernet0/8–23 GigabitEthernet0/1–2	Administratively down	Half	Auto

Use the following commands to complete this lab:

Press Enter
Branch1>enable
Branch1#configure terminal
Branch1(config)#interface FastEthernet0/6
Branch1(config-if)#speed 10
Branch1(config-if)#interface FastEthernet0/7
Branch1(config-if)#duplex half
Branch1(config-if)#interface range FastEthernet0/4-5, FastEthernet0/8-23, GigabitEthernet0/1-2
Branch1(config-if-range)#shutdown
(Press Ctrl + Z)
Branch1#show interface status
(Verify the port configuration of all ports, and then use the necessary commands to correct any problems
you find. For example, notice that Fa0/24 is administratively down. Also notice that Fa0/2 is not
configured to use auto speed and Fa/03 is not configured to use auto duplex.)
Branch1#configure terminal
Branch1(config)#interface FastEthernet0/24
Branch1#no shutdown
Branch1#interface FastEthernet0/2
Branch1#speed auto
Branch1#interface FastEthernet0/3
Branch1#duplex auto
(Press Ctrl + Z)
(Run **show interface status** again to verify your configuration changes.)
Branch1#copy run start
Press Enter