

Lab Report

Your Performance

Your Score: 0 of 5 (0%)




Elapsed Time: 1 minute 53 seconds

Pass Status: Not Passed







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

In this lab, you should have completed the following:

- You will be adding an older server to switch port Fa0/6 that uses 10BaseT Ethernet. Manually configure the switch port to use 10 Mbps.
- You will be adding a hub to switch port Fa0/7 that will be used for a lab for developers. Manually configure the switch port to use half-duplex communications.
- Make sure that ports Fa0/6 and Fa0/7 are enabled and can be used. Be aware that you have not yet connected devices to those ports.
- Disable all unused interfaces:
 - Fa0/4 and Fa0/5
 - Fa0/8 through Fa0/23
 - Gi0/1 and Gi0/2
- Verify that all remaining ports that are in use are configured to automatically detect speed and duplex settings and are enabled.
- Save your changes to the startup-config file.

Do the following:

1. Press **Enter**.
2. At the prompt, 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
```

3. Press **Ctrl + Z**.

4. At the prompt, enter:

```
Branch1#show interface status
```

5. 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.

6. At the prompt, enter:

```
Branch1#configure terminal
Branch1(config)#interface FastEthernet0/24
Branch1(config-if)#no shutdown
Branch1(config-if)#interface FastEthernet0/2
Branch1(config-if)#speed auto
Branch1(config-if)#interface FastEthernet0/3
Branch1(config-if)#duplex auto
```

7. Press **Ctrl + Z**.

8. Run **show interface status** again to verify your configuration changes.

9. At the prompt, enter:

```
Branch1#copy run start
```

10. Press **Enter**.

11. Press **Enter** to save your changes.