

Lab Report

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**Performance**

Your Score: 3 of 5 (60%)

Elapsed Time: 1 minute 53 seconds

**Task Summary**

Actions you were required to perform:

- ✓ Place the Ethernet router with firewall on the Bench
- ✓ Connect the computers to the Ethernet router with Cat5e cables [Show Details](#)
- ✗ Connect the Ethernet router to the RJ45 jack on the wall plate using a Cat5e cable
- ✓ Plug in the Ethernet router
- ✗ Confirm that the computers are properly connected to the Internet [Show Details](#)

**Explanation**

In this lab, your task is to complete the following:

- Use the appropriate network components to connect the two computers to the new ISP.
  - Place the Ethernet router with firewall capabilities on the Workspace.
  - Use the existing Cat5e Ethernet cables to connect the computers to the router's integrated Ethernet LAN ports.
  - Use the AC to DC power adapter to plug in the device.
- Use the Network and Sharing Center on both computers to confirm that the computers are properly connected to the network and internet.

Complete this lab as follows:

1. On the Shelf, expand **Networking Devices**.
2. Drag the **Ethernet router with firewall** to the Workspace.
3. Above the router, select **Back** to switch to the back view of the router.
4. Above the switch, select **Back** to switch to the back view of the switch.
5. Above the cable modem, select **Back** to switch to the back view of the cable modem.
6. Select the **Ethernet cable** on the third switch port and drag it to an open Ethernet LAN port on the router to connect the Home-PC to the router.
7. Select the **Ethernet cable** on the third switch port and drag it to an open Ethernet LAN port on the router to connect the Home-PC2 to the router.
8. Select the last **Ethernet cable** on the switch and drag it to the open Ethernet WAN port on the router to connect the router to the internet connection.
9. Select the **Ethernet cable** on the cable modem and drag it to one of the RJ45 ports on the wall plate.
10. Select the **DC power connector** on the switch and drag it to the power port on the router to plug in the router.
11. On Home-PC, select **Click to view Windows 10** to confirm that the computer is properly connected to the network and internet.
12. In the notification area, right-click the **Network** icon and select **Open Network and Sharing Center**. The diagram should indicate an active connection to the home network and the internet.
13. Confirm the connection for Home-PC2 as follows:
  - a. From the top menu, select **Bench**.
  - b. On Home-PC2, select **Click to view Windows 10** to confirm that it is properly connected to the network and internet.
  - c. In the notification area, right-click the **Network** icon and select **Open Network and Sharing Center**. The diagram should indicate an active connection to the home network and the internet.