

Lab Report

Your Performance

Your Score: 5 of 5 (100%)

Elapsed Time: 6 minutes 47 seconds

Pass Status: Pass

Required Score: 100%

Task Summary

Actions you were required to perform:

- ✓ Connect the cable modem to the internet using coaxial cable
- ✓ Plug in the cable modem
- ✓ Connect the wireless router to the cable modem
- ✓ Connect the computer to the wireless router
- ✓ Plug in the wireless router

Explanation

In this lab, your task is to connect the components to make the internet connection.

- Add the cable modem to the Workspace.
 - Connect the modem to the WAN connection.
 - Plug in the modem.
- Add the wireless router to the Workspace.
 - Connect the internet port on the router to the cable modem.
 - Connect the computer to a LAN port on the wireless router.
 - Plug in the wireless router.

Complete this lab as follows:

1. Connect the modem to the WAN connection as follows:
 - a. On the Shelf, expand **Routers**.
 - b. Drag the **cable modem** from the Shelf to the Workspace.
 - c. Above the cable modem, select **Back** to switch to the back view of the cable modem.
 - d. On the Shelf, expand **Cables**.
 - e. Select the **coaxial cable**.
 - f. Under Selected Component, drag a **Coaxial Type F Connector** to the port on the cable modem.
 - g. Under Selected Component, drag the other **Coaxial Type F Connector** to the port on the wall plate.
2. Connect the wireless router to the cable modem as follows:
 - a. On the Shelf, expand **Routers**.
 - b. Drag the **wireless router** from the Shelf to the Workspace.
 - c. Above the wireless router, select **Back** to switch to the back view of the wireless router.
 - d. On the Shelf, expand **Cables**.
 - e. Select the **Cat6a cable**.
 - f. Under Selected Component, drag a **RJ45 Connector** to the Internet port on the wireless router.
 - g. Under Selected Component, drag the other **RJ45 Connector** to the port on the cable modem.
3. Connect the computer to the wireless router as follows:
 - a. Above the computer, select **Back** to switch to the back view of the computer.
 - b. On the Shelf, select the **Cat6a cable**.
 - c. Under Selected Component, drag a **RJ45 Connector** to the network port on the computer.
 - d. Under Selected Component, drag the other **RJ45 Connector** to a LAN port on the wireless router.
4. Plug in the cable modem as follows:
 - a. On the Shelf, select the **Power Adapter**.
 - b. Under Selected Component, drag the **DC Power Connector** to the port on the cable modem.
 - c. Under Selected Component, drag the **AC Power Adapter** to the power outlet.

5. Plug in the wireless router as follows:
 - a. On the Shelf, select the **Power Adapter**.
 - b. Under Selected Component, drag the **DC Power Connector** to the port on the wireless router.
 - c. Under Selected Component, drag the **AC Power Adapter** to the power outlet.