

6.1.6 Lab: Connect Fiber Optic Cables

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Time Spent: 05:15

Score: 100%

Task Summary

Required Actions

- ✓ Connect the router to the power strip
- ✓ Connect the router to the computer
- ✓ Connect the router to the ISP's fiber line

Explanation

Complete the following steps:

1. Add the router to the workspace and connect it to the data line.
 - a. In the Inventory, expand the **Networking Devices** category.
 - b. Drag the fiber router from the Inventory to the Workspace.
 - c. To connect the router to the Internet connection, switch to the back view of the fiber router.
 - d. In the Inventory, expand the **Cables** category.
 - e. Select the **SC to SC** cable.
 - f. In the Selected Component window, drag a connector to the port on the fiber router.
 - g. In the Selected Component window, drag the other connector to the port on the wall plate.
2. Connect the router to the computer.
 - a. Switch to the back view of the computer.
 - b. In the Inventory, select the Cat6a Ethernet cable.
 - c. In the Selected Component window, drag a connector to an Ethernet port on the fiber router.
 - d. In the Selected Component window, drag the other connector to the Ethernet port on the computer.
3. Connect the router to the power strip.
 - a. Select the power adapter in the Inventory.
 - b. In the Selected Component window, drag the DC power connector to the port on the fiber router.
 - c. In the Selected Component window, drag the AC adapter end to an outlet on the power strip.