

5.2.8 Lab: Connect Computers with a Switch

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Time Spent: 07:30

Score: 100%

Task Summary

Required Actions

- ✓ Connect Home-PC1 to the network
- ✓ Connect Home-PC2 to the network
- ✓ Connect Home-Laptop to the network

Explanation

Complete this lab as follows:

1. Add the computers to the canvas
 - a. In the tools tray, select the **End Devices** icon.
 - b. Drag all three computers to the modeler canvas.
2. Add the switch to the canvas
 - a. In the tools tray, select the **Switches** icon.
 - b. Drag the switch to the modeler canvas.
3. Connect the computers to the switch
 - a. In the tools tray, select the **Create Link** icon.
 - b. Click on **Home-PC1** and select the **Ethernet** port.
 - c. Click on the **Switch** and select an open port.
 - d. Click on **Home-PC2** and select the **Ethernet** port.
 - e. Click on the switch and select an open port.
 - f. Click on **Home-Laptop** and select the **Ethernet** port.
 - g. Click on the switch and select an open port.
4. Add the router to the canvas
 - a. In the tools tray, select the **Routers** icon.
 - b. Drag the router to the modeler canvas.
5. Connect the switch to the router
 - a. In the tools tray, make sure the **Create Link** icon is toggled on. If it isn't, click it.
 - b. Click on the **Router** and select **Port 0**.
 - c. Click on the switch and select an open port.