

2.3 LAB

Complete this lab as follows:

1. Add the cable modem to the workspace.
 1. Under Shelf, expand **Routers**.
 2. Drag the **Cable Modem/Router** from the shelf to the workspace.
 3. Select **Back** to switch to the back view of the cable modem.
2. Connect the modem to the WAN connection.
 1. Under Shelf, expand the **Cables** category.
 2. Select the **Coaxial Cable, RG-6** cable.
 3. From the Selected Component pane:
 - Drag a **Coaxial Type F** connector to the applicable port on the cable modem.
 - Drag the other **Coaxial Type F** connector to the applicable port on the wall plate.
3. Connect the computer to the cable modem.
 1. Over the computer, select **Back** to switch to the back view of the computer.
 2. Under Shelf, select the **Cat6a Cable, RJ45** cable.
 3. From the Selected Component pane:
 - Drag an **RJ45 Shielded Connector** to the Ethernet port on the cable modem.
 - Drag the other **RJ45 Shielded Connector** to the Ethernet port on the computer (not the Ethernet card in the slot).
4. Provide power to the modem.
 1. Under Shelf, select the **Power Adapter, AC to DC**.
 2. From the Selected Component pane:
 - Drag the **DC Power Connector** to the port on the cable modem.
 - Drag the **AC Power Adapter** end to the power outlet.
5. Verify that the computer is connected to the internet.
 1. On the monitor, select **Click to view Windows 11**.
 2. From the notification area, right-click the *Network* icon and select **Network and Internet settings**.

The diagram should indicate an active connection.