

7.5 Lab: Connect VoIP 1

Candidate: COMPTIA COMPTIA ()

Time Spent: 00:34

Score: 0%

Task Summary

Required Actions

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- ✗ Connect the IP phone in the Lobby [Show Details](#)
 - ✗ Plug the Exec workstation and monitor into the surge protector
 - ✗ Connect the IP phone in the Executive Office [Show Details](#)
 - ✗ Ensure that the workstation in the Executive Office is connected to the network and the internet
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Explanation

Complete this lab as follows:

1. Connect the IP phone in the Lobby to the network.
 - a. Under Lobby, select **Hardware**.
 - b. Under Shelf, expand **Phones**.
 - c. For the IP phone shown, select **Details** and then select **Specifications**.
Make note of the port options.
 - d. Close the IP phone details window.
 - e. Drag the **IP phone** to the Workspace.
 - f. Above the IP phone, select **Back** to switch to the back view of the phone.
 - g. Under Shelf, expand **Cables**.
 - h. Drag **Cat6a Cable, RJ45** to the LAN port on the phone.
 - i. From the Selected Component pane, drag the unconnected **RJ45 Connector** to the Ethernet port on the wall outlet.
 - j. Under Shelf, select the **Power Adapter**.
 - k. From the Select Connector window:
 - Drag the **DC Power Connector** to the DC power connector on the phone.
 - Drag the **AC Power Adapter** to the wall outlet.
 - l. Above the IP phone, select **Front** to switch to the front view of the phone. Confirm that the phone's display is on.
2. Connect the Exec workstation and its monitor to a surge protector.
 - a. From the top left, select **Floor 1 Overview**.
 - b. Under Executive Office, select **Exec**.
 - c. Right-click **Start**.
 - d. Select **Shut down or sign out > Shut down**.
 - e. Under Shelf, expand **Outlets**.

- f. Drag the **Surge Protector** to the Workspace.
 - g. Drag both **AC Power** plugs from the wall outlet to an open outlet on the surge protector.
 - h. Select the **Surge Protector**.
 - i. From the Selected Component pane, drag the **AC Power Connector (Male)** to an open plug on the wall outlet.
3. Connect the IP phone in the Executive Office to the network.
 - a. Under Shelf, expand **Phones**.
 - b. Drag the **IP phone** to the Workspace.
 - c. Above the IP phone, select **Back** to switch to the back view of the phone.
 - d. Under Shelf, expand **Cables**.
 - e. Drag **Cat6a Cable, RJ45** to the LAN port on the phone.
 - f. From the Selected Component pane, drag the unconnected **RJ45 Connector** to the Ethernet port on the wall outlet.
 - g. Above the workstation, select **Back** to switch to the back view of the workstation.
 - h. From the Shelf, drag **Cat6a Cable, RJ45** to the PC port on the phone.
 - i. In the Selected Component pane, drag the unconnected **RJ45 Connector** to the workstation's NIC.
4. Provide power to the IP phone.
 - a. Under Shelf, select the **Power Adapter**.
 - b. From the Selected Component pane:
 - Drag the **DC Power Connector** to the back of the phone.
 - Drag the **AC Power Adapter** to an open plug on the surge protector.
 - c. Above the IP phone, select **Front** to switch to the front view of the phone. Confirm that the phone's display is on.
5. Power on the workstation and confirm that it has a connection to the network and the internet.
 - a. Above the workstation, select **Front**.
 - b. Select the monitor's **power button**.
 - c. Select the computer's **power button**.

The computer is automatically signed into Windows 11.
 - d. Right-click **Start** and then select **Settings**.
 - e. Select **Network & Internet**.

From the Status view, the diagram should indicate an active connection to the network.