2.6 LAB

Complete this lab as follows:

1. From the Networking Closet, connect the patch panel and switch.
    1. Under Shelf, expand **Cables**.
    2. Select the **Cat6a Cable, RJ45** cable.
    3. From the Selected Component pane:
        - Drag an *RJ45 Shielded Connector* to the Off 1 (Office 1) port on the patch panel.
        - Drag the other *RJ45 Shielded Connector* to port 3 on the Cisco switch (top row, third port from the left).
2. Connect the Office1 workstation to the local area network.
    1. From the top left, select **Floor 1 Overview**.
    2. In Office 1, select **Hardware**.
    3. Above the computer, select **Back** to switch to the back view of the computer.
    4. Under Shelf, expand **Cables**.
    5. Select **Cat6a Cable, RJ45**.
    6. From the Selected Component pane:
        - Drag an *RJ45 Shielded Connector* to the Ethernet port on the computer.
        - Drag the other *RJ45 Shielded Connector* to the open Ethernet port on the wall outlet.
3. Configure the workstation to obtain IP and DNS addresses automatically from the server on the network.
    1. On the Office1 monitor, select **Click to view Windows 11**.
    2. From the Windows taskbar, right-click **Start** and then select **Settings**.
    3. Select **Network & internet**.
    4. Select **Ethernet** and then next to IP assignment, select **Edit**.
    5. Change the Edit IP settings drop-down to **Automatic (DHCP)**, then click **Save**.
    6. At the top of the Settings dialog, select **Network & internet**.
       The globe icon next to the word Connected indicates the machine is now connected to the network and can access the internet.