2.5 LAB

Complete this lab as follows:

1. Install the SFP Transceiver (LC) in the networking closet on Floor 1.
    1. Under Shelf, expand the **Adapters**.
    2. Drag the **SFP Transceiver (LC)** to the **SFP 2** port on the switch.
2. Connect the fiber cable to the switch.
    1. Under Shelf, expand **Cables**.
    2. Select **Cable, Fiber, SC to LC**.
    3. From the Selected Component pane:
        - Drag **Connector, Fiber, Duplex LC Multi-mode, Male** to the SFP LC port (plugged into SFP2) on the switch.
        - Drag the **Fiber Optic SC Connector (A)** to port 3 on the fiber patch panel.
        - Drag the **Fiber Optic SC Connector (B)** to port 4 on the fiber patch panel.
3. Access the networking closet on floor 2.
    1. From the top left, select **Floor 1**.
    2. Under Building A, select **Floor 2**.
    3. Under Networking Closet 2, select **Hardware**.
4. Connect the fiber cable to switches on Floor 2.
    1. Under Shelf, expand **Adapters**.
    2. Drag **SFP Transceiver (LC)** to an open SFP port on the switch.
    3. Under Shelf, expand **Cables**.
    4. Select **Cable, Fiber, SC to LC**.
    5. From the Selected Component pane:
        - Drag the **Connector, Fiber, Duplex LC, Multi-mode, Male** to the SFP port.
        - Drag the **Fiber Optic SC Connector (A)** to port 1 on the fiber patch panel.
        - Drag the **Fiber Optic SC Connector (B)** to port 2 on the fiber patch panel.
5. Plug the switch on Floor 2 into a bank 1 critical load outlet on the UPS.
    1. Above the rack, select **Back** to switch to the back view of the rack.
    2. Under Shelf, select **AC Power Cable**.
    3. From the Select Connector pane:
        - Drag **AC Power Connector (Female)** to the AC port on the back of the switch.
        - Drag the **AC Power Connector (Male)** to an open bank 1 critical load outlet.
    4. Above the rack, select **Front** to switch to the front view and confirm that the network switch has power.
6. Verify that there is an internet connection for any Floor 2 computer.
    1. From the top left, select **Floor 2**.
    2. Select any of the *computers* on Floor 2.
    3. Right-click **Start** and then select **Settings**.
    4. Select **Network & Internet**.
       The image shown should indicate a connection to the internet.