3.3 LAB

Complete this lab as follows:

1. Add the new network switch to the rack.
    1. Under Shelf, expand **Switches**.
    2. Drag the *Switch* to the space available at the top of the rack under the router.
2. Connect the power adapter to the switch, and then plug it into a critical load bank outlet using the AC Power Cable with C14 end.
    1. Above the rack, select **Back** to switch to the back view of the rack.
    2. Under Shelf, expand **Cables**.
    3. Select the *AC Power Cable with C14 end*.
    4. From the Selected Component pane, drag the *AC Power Connector* to the switch and the *AC Power Connector C14* to a critical load bank outlet on the UPS.
3. Connect port 5 on the switch to ITAdmin port 5 on the Patch Panel.
    1. If you do not see the front view of the switch, select **Front** above the rack.
    2. Under Shelf, expand **Cables**.
    3. Drag a *Cat6a Cable* to port 5 on the switch.
    4. From the Selected Component pane, drag the unconnected *RJ45 Shielded Connector* to port 5 on the fiber patch panel, labeled as IT Adm.
4. Connect port 8 on the switch to Lobby port 8 on the Patch Panel.
    1. If you do not see the front view of the switch, select **Front** above the rack.
    2. Under Shelf, expand **Cables**.
    3. Drag a *Cat6a Cable* to port 8 on the switch.
    4. From the Selected Component pane, drag the unconnected *RJ45 Shielded Connector* to port 8 on the fiber patch panel, labeled as Lobby.
5. Connect port 24 on the switch to the LAN 1 port on the router.
    1. If you do not see the front view of the switch, select **Front** above the rack.
    2. Under Shelf, expand **Cables**.
    3. Drag a *Cat6a Cable* to port 24 on the switch.
    4. From the Selected Component pane, drag the unconnected *RJ45 Shielded Connector* to the LAN 1 port on the router.
6. Connect port 21 on the switch to the CorpServer.
    1. If you do not see the front view of the switch, select **Front** above the rack.
    2. Under Shelf, expand **Cables**.
    3. Drag a *Cat6a Cable* to port 21 on the switch.
    4. Above the rack, select **Back** to switch to the back view of the rack.
    5. From the Selected Component pane, drag the unconnected *RJ45 Shielded Connector* to the left network port on the first server from the top.
7. Ping the CorpServer IP address (192.168.0.10) from the Lobby laptop to test connectivity.
    1. From the top left, select **Floor 1**.
    2. Select the *Gst-Lap* laptop in the lobby.
    3. Right-click **Start** and then select **Terminal (Admin)**.
    4. At the prompt, enter **ping 192.168.0.10**.
    5. Notice the ping was successful, indicating connectivity.