

### 3.9 LAB

Complete this lab as follows:

1. Replace the cable on the Office1 computer
  1. From the top left, select **Floor 1** to view the map of the offices.
  2. On the map, select **Hardware** under Office 1 to view the computer hardware in that office.
  3. Drag the networking cable out of the wall plate and drop it on the workspace.
  4. Above the Office1 workstation tower, select the **Back** button.
  5. Drag the other end of the networking cable from the back of the workstation and drop it on the workspace.
  6. Drag a Cat6a cable from the **Shelf** to the wall plate to connect one end.
  7. Drag the other end of the same cable to the back of the workstation and plug it into the motherboard.
  8. Click the computer monitor where it says **Click to view Windows 11**.  
Notice that the networking icon shows no internet connection.
2. Check the physical connection of the cables on the switch for the Office1 computer.
  1. From the top left, select **Floor 1**, then select **Hardware** in the Networking Closet.
  2. Zoom in close to the switch and patch panel in the hardware rack (the second and third items from the top of the rack).
  3. On the patch panel, select the cable under the label **Off 1** (for Office 1).  
Notice that the other end is highlighted in the switch in port number 3. As you can see, the port does not show a link light or any activity.
3. Check the configuration of the switch in the Networking Closet.
  1. From the top left, select **Floor 1**, then select **ITAdmin** in the IT Administration office.
  2. Select the **Chrome** icon on the taskbar.
  3. Access the switch management console from the ITAdmin computer using the following credentials:
    - Address: **http://192.168.0.2** (maximize the Chrome window)
    - Username: **ITSwitchAdmin** (case-sensitive)
    - Password: **Admin\$only** (case-sensitive)
  4. From the left menu in the switch management console, select **Port Management**.
  5. From the Port Setting Table, notice that port 3 is listed as *Down* under Operational Status.
  6. Select port **3**, then scroll to the bottom and select **Edit**.
  7. Change the Administrative Status to **Up**.
  8. Select **Apply**.
  9. Select **Close**.