2.4 LAB

Complete this lab as follows:

1. For safety, power off the Office 2 computer and unplug the computer from the power source before working with internal components.
    1. Under Office 2, select **Hardware** to view the hardware for this office.
    2. On the computer, select the **power button** to turn the computer off.
    3. Select **Back** to switch to the back view of the computer.
    4. Unplug the AC power cable.
2. Install the PCIe network adapter in the Office 2 computer's free PCIe (x1) slot.
    1. Above the computer, select **Motherboard** to switch to the motherboard view of the computer.
    2. Under Shelf, expand **Network Adapters**.
    3. Drag the **PCIe Network Adapter** to the applicable free PCIe (x1) slot on the motherboard.
    4. Select **Back** to switch to the back view of the computer.
    5. Reconnect the AC power cable.
3. Connect an Ethernet cable to the network card in the computer and to the wall plate.
    1. Ensure you are using the **Back** view of the Office 2 computer.
    2. Under Shelf, expand **Cables**.
    3. Select the **Networking Cable**.
    4. From the Selected Component pane:
        - Drag an **RJ45 Connector** to the built-in port or the port on the PCIe network card.
        - Drag the unconnected **RJ45 Connector** to the network port on the wall plate (the left port).
4. Turn the computer on and test for network and internet connectivity.
    1. Above the computer, select **Front**.
    2. Select the *power* button on the computer.
    3. The computer startup process begins and you are automatically logged into Windows.
    4. Right-click **Start** and select **Settings** to open the Microsoft Settings app.
    5. Select **Network & Internet**.
    6. Notice that in the Status pane, the image shown indicates a connection to the network.
5. Test to see if the uninterruptable power supply is functioning properly in the networking closet.
    1. From the top left navigation tabs, select **Floor 1**.
    2. Under Networking Closet, select **Hardware**.
    3. From the wall outlets, unplug the **AC power connectors (Male)** by dragging them to the side.
    4. Notice that the power and activity lights on the rack-mounted networking devices are still flickering (zoom in if necessary). Also notice that the monitors are still on.