Lab Report

Your Performance

Your Score: 6 of 6 (100%) Pass Status: Pass
Elapsed Time: 2 minutes 52 seconds Required Score: 100%

Task Summary

Actions you were required to perform:

- ✓ Place the UPS in the Workspace
- ✓ Select a UPS, plug it into a wall outlet, and turn on the UPSHide Details
  - + Plug the UPS into the wall outlet
  - + Turn on the UPS
- ✓ Plug devices into the UPSHide Details
  - + Plug the monitor into the UPS
  - + Plug the computer into the UPS
- ✓ Plug the printer into surge supressor side of the UPS or the wall outlet
- ✓ Connect to the network through the UPSHide Details
  - + IN port connected to wall plate
  - + OUT port connected to the computer
- ✓ Connect the UPS to the computer with the USB cable

Explanation

In this lab, your task is to complete the following:

- Add a UPS for your computer:
- Plug the UPS into the wall outlet and turn it on.
- Plug the computer and monitor power cables into the appropriate UPS outlets.
- Plug the printer into the appropriate UPS outlets.
- Connect the network cables through the UPS to the computer. The cable from the wall connects to the IN port.
- Connect the USB cable to the UPS and the computer.

Complete this lab as follows:

1. Add a UPS to the Workspace as follows:
   a. On the Shelf, expand **Outlets**.
   b. Drag the **UPS** from the Shelf to the Workspace.
2. Plug the UPS into the wall outlet and turn on the UPS as follows:
   a. Under Selected Components, drag the **power plug** to a power outlet on the wall plate.
   b. Click the **power** button on the UPS to turn on the battery backup.
3. Plug the computer and monitor into the appropriate power outlets as follows:
   a. Under Partial Connections for the computer, select the **power cord**.
   b. Under Selected Component, drag the **AC Power Connector (Male)** to a battery backup outlet on the top of the UPS.
   c. Under Partial Connections for the monitor, select the **power cord**.
   d. Under Selected Component, drag the **AC Power Connector (Male)** to a battery backup outlet on the top of the UPS.
4. Plug the printer into the appropriate power outlets as follows:

a. Select the **printer** in the Workspace.
b. Under Selected Component, drag **AC Power Connector (Male)** to a surge protected outlet on the bottom of the UPS. Printers typically require more power than can be supplied by the battery backup portion of a UPS.

5. Connect to the network through the UPS as follows:
   a. Above the surge protector, select **Side** to switch to the side view of the UPS.
   b. Select the **Cat6a cable** connected to the network port on the wall plate.
   c. Drag the **RJ45 Shielded Connector** from the wall plate to the Network OUT port on the UPS to add protection to the network connection. The OUT port connects to the computer.
   d. On the Shelf, expand **Cables**.
   e. Select the **Cat6a Cable**.
   f. Under Selected Component, drag the **RJ45 Shielded Connector** to the Network IN port on the UPS.
   g. Under Selected Component, drag the unconnected **RJ45 Shielded Connector** to the network port on the wall plate.
6. Connect the USB cable to the UPS and the computer as follows:
   a. Above the computer, select **Back** to switch to the back view of the computer.
   b. On the Shelf, select the **USB cable**.
   c. Under Selected Component, drag the **USB Type B connector** to the USB port on the UPS.
   d. Under Selected Component, drag **USB Type A connector** to an open USB port on the computer to allow the UPS to communicate with the computer. The USB cable allows the UPS to send signals to the computer to shut down when the battery is low.
7. To verify the computer and monitor have power (optional):
   a. Above the computer, select **Front** to switch to the front view of the computer.
   b. Click the **power** button on the computer to maker sure it powers up.
   c. Click the **power** button on the monitor to make sure power is connected.

If the UPS is on, you can disconnect the plug on the UPS from the wall to verify that the computer and the monitor remain on and have power from the battery.