

Lab Report: 4.1.3 Connect a KVM Switch

Your Performance

Your Score: 5 of 8 (63%)

Elapsed Time: 5 minutes 24 seconds

Pass Status: Not Passed

Required Score: 100%

Task Summary

Actions you were required to perform:

- Pa Add the KVM switch to the Workspace
- Pa Connect the monitor to the KVM switch using an HDMI cable
- Pa Connect the mouse to the KVM switch
- Pa Connect the keyboard to the KVM switch
- Pa Connect the power adapter to the KVM switch and plug it in
- In Connect the left computer to the KVM switchShow Details
- In Connect the right computer to the KVM switchShow Details
- In Boot the Windows 10 computer and test the KVM

Explanation

In this lab, your task is to connect the two computers in the Support Office to the KVM switch as follows:

- Add the KVM switch to the Workspace.
- Connect the power adapter to the KVM switch and plug it in.
- Connect the monitor to the KVM switch using an HDMI cable.
- Connect the mouse to the KVM switch.
- Connect the keyboard to the KVM switch.
- Connect the left computer to the KVM switch.
 - To the back of the KVM switch, connect the HDMI, USB Type-B, and 3mm TRS microphone connectors.
 - To the computer, connect the HDMI, USB Type-A, and 3 mm TRS microphone connectors.
- Connect the right computer to the KVM switch.
 - To the back of the KVM switch, connect the HDMI, USB Type-B, and 3mm TRS microphone connectors.
 - To the computer, connect the HDMI, USB Type-A, and 3 mm TRS microphone connectors.
- Boot the Windows 10 computer and confirm that both computers are connected on the KVM switch and working properly.

Complete this lab as follows:

1. Add the KVM switch to the Workspace as follows:
 - a. On the Shelf, expand **KVMs**.
 - b. Drag the **KVM switch** to the Workspace.
2. Connect the monitor, mouse, and keyboard to the KVM switch as follows:
 - a. Above the monitor, select **Back** to switch to the back view of the monitor.
 - b. On the Shelf, expand **Cables**.
 - c. Select the **HDMI cable**.
 - d. Drag an **HDMI connector** to the HDMI output connection area on the KVM switch.
 - e. Drag the other HDMI connector to the HDMI port on the monitor.
 - f. Select the keyboard and drag the **keyboard USB connector** from the computer to a USB port on the KVM switch.
 - g. Select the mouse and drag the **mouse USB connector** from the computer to a USB port on the KVM switch.
 - h. Above the monitor, select **Front** to switch to the front view of the monitor.
 - i. On the monitor, click the power button to turn it on.
3. Connect the power adapter to the KVM switch and plug it in as follows:

- a. Above the KVM switch, select **Back** to switch to the back view of the KVM switch.
 - b. On the Shelf, expand **Cables**.
 - c. Select **Power Adapter**.
 - d. Under Selected Component, drag the **DC Power Connector** to the KVM switch.
 - e. Under Selected Component, drag the **AC Power Adapter** to an open plug on the power strip.
 - f. Make sure the KVM power light illuminates.
4. Connect the left computer to the KVM switch as follows:
- a. On the Shelf, select the **KVM Cable**.
 - b. Under Selected Component, drag the left **HDMI KVM Connector** to INPUT1 on the KVM.
 - c. Under Selected Component, drag the **USB Type-B Connector** to PC1 on the KVM.
 - d. Under Selected Component, drag the **3.5mm TRS Connector** to the microphone jack next to PC1 on the KVM.
 - e. Under Selected Component, drag the **3.5mm TRS Connector** to the microphone connection area on the left computer.
 - f. Under Selected Component, drag the **USB Type-A Connector** to an open USB connection area on the left computer.
 - g. Under Selected Component, drag the **HDMI KVM Connector** to the HDMI connection area on the left computer.
 - h. Above the computer, select **Front** to switch to the front view of the computer.
 - i. Click the **power button** on the front of the left Windows 10 computer.
5. Connect the right computer to the KVM switch as follows:
- a. Above the right computer, select **Back** to switch to the back view of the computer.
 - b. On the Shelf, select the **KVM Cable**.
 - c. Under Selected Component, drag the left **HDMI KVM Connector** to INPUT2 on the KVM.
 - d. Under Selected Component, drag the **USB Type-B Connector** to PC2 on the KVM.
 - e. Under Selected Component, drag the **3.5mm TRS Connector** to the microphone jack next to PC2 on the KVM.
 - f. Under Selected Component, drag the **3.5mm TRS Connector** to the microphone connection area on the right computer.
 - g. Under Selected Component, drag the **USB Type-A Connector** to an open USB connection area on the right computer.
 - h. Under Selected Component, drag the **HDMI KVM Connector** to the HDMI connection area on the right computer.
 - i. Above the computer, select **Front** to switch to the front view of the computer.
 - j. Click the **power button** on the front of the right Windows 10 computer.
 - k. Select **OK**.
6. Verify that both computers are connected to the KVM switch and functioning properly as follows:
- a. Above the KVM switch, select **Front** to switch to the front view of the KVM switch.
 - b. On the KVM switch, click **SELECT**.
 - c. Verify the monitor toggles between the two computer desktops.