5.2.2 Lab: Select and Install a Network Adapter

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Time Spent: 29:28

Score: 100%

Task Summary

Required Actions

✔ Install the 1000BaseTX network adapter on the Exec workstation

✔ Connect the Exec workstation to the network through the new NIC

✔ Verify that the Exec workstation can communicate with the internet using the new NIC   [Show Details](#)

Explanation

Complete this lab as follows:

1. Insert the PCI adapter into the motherboard.
    a. Switch to the **Motherboard** view of the computer.
    b. In the Inventory, expand **GPUs/Expansion Cards**.
    c. Drag the brown **Network Adapter, Ethernet 10/100/1000BaseTX, PCIe** card to a free blue PCIe slot on the computer's motherboard.

2. Move the Ethernet cable from the computer's built-in network adapter to the new PCIe network card.
    a. Above the computer, select **Back** to switch to the back view of the computer.
    b. Drag the **Ethernet cable** from the built-in port to the port on the PCIe network adapter.

3. Confirm that the computer is connected to the local network and the internet.
    a. Switch to the **Front** view of the computer.
    b. Select the *power button* on the computer case to turn on the computer. Wait for the operating system to load.
    c. Right-click **Start** and then select **Terminal (Admin)**.
    d. From the PowerShell prompt, type **ping 192.168.0.10** and then press **Enter** to test connectivity to the local network server.
    e. From the PowerShell prompt, type **ping 198.28.2.254** and then press **Enter** to test connectivity to the internet.