Lab Report
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Performance

Your Score: 1 of 3 (33%)

Elapsed Time: 4 minutes 8 seconds

Task Summary

Actions you were required to perform:

  ✗ Configure the IPv4 DHCP scope on ServerShow Details

  ✓ Activate the IPv4 DHCP scope on Server

  ✗ Configure the laptop in the Support Office to obtain IP and DNS addresses automatically from the DHCP server

Explanation

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

On the CorpDHCP server (running as a guest on CorpServer in the Networking Closet), create a DHCP IPv4 scope with the following parameters:

- Scope name: **Subnet1**
- Address range: **192.168.0.1** to **192.168.0.254**
- Length: **24**
- Subnet mask: **255.255.255.0**
- Exclusions and delays: Do not set
- Lease duration: Accept the default duration
- Scope option for the Router (default gateway): **192.168.0.5**
- Parent domain: Accept the default
- Scope option for DNS servers: **163.128.78.93**
- WINS Servers: Do not set

- On CorpDHCP, activate the Subnet1 scope.
- On the Gst-Lap laptop in the Lobby, confirm the DHCP scope settings by configuring the local area connection to obtain its IP and DNS addresses automatically from the DHCP server.

Complete this lab as follows:

1. Configure and activate the IPv4 DHCP scope on server as follows:
   a. In Hyper-V Manager, select **CORPSERVER**.
   b. Resize the window to view all virtual machines.
   c. Right-click **CorpDHCP** and select **Connect**.
   d. Maximize the window for easier viewing
   e. In Server Manager, select **Tools > DHCP**.
   f. Expand the **DHCP server**.
   g. Right-click **IPv4** and select **New Scope**.
   h. In the the New Scope Wizard, select **Next**.
   i. In the Name field, enter the *scope name*; then select **Next**.
   j. In the Start IP address field, enter the *start IP address*.
   k. In the End IP address field, enter the *end IP address*.
   l. Make sure that the *length* is correct.
   m. Make sure that the *subnet mask* is correct; then select **Next**.
   n. In the Add Exclusions and Delay window, select **Next**.
   o. Use the default lease duration and select **Next**.
   p. Make sure **Yes, I want to configure these option now** is selected; then click **Next**.
   q. In the IP address field, enter the **default gateway address**.
   r. Select **Add**; then click **Next**.

    s. In the IP address field, enter **DNS server address**.

    t. Select **Add**; then click **Next**.

    u. In the WINS Servers window, select **Next**.

    v. Make sure **Yes, I want to activate this scope now** is selected; then select **Next**.

    w. Click **Finish** to close the wizard and create the scope.

2. Configure the laptop in the Lobby to obtain IP and DNS addresses automatically from the DHCP server as follows:

    a. From the top, select **Floor 1 Overview**.

    b. Under Lobby, select **Gst-Lap**.

    c. In the notification area, right-click the **Network** icon and select **Open Network and Sharing Center**.

    d. Select **Ethernet**.

    e. In the Ethernet Status window, select **Properties**.

    f. Select **Internet Protocol Version 4 (TCP/IPv4)**.

    g. Select **Properties**.

    h. Select **Obtain an IP address automatically**.

    i. Select **Obtain DNS server address automatically**.

    j. Select **OK**.

    k. Click **Close** to close Ethernet Properties.

    l. Click **Close** to close Ethernet Status.