Lab Report

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Your Performance

Your Score: 0 of 5 (0%)   Pass Status: Not Passed

Elapsed Time: 4 minutes   Required Score: 100%

Task Summary

Actions you were required to perform:

- ✖ Add the DHCP Relay Agent protocol
- ✖ Add NetTeam as a DHCP relay agent interface
- ✖ Set the boot threshold to 0
- ✖ For the DHCP protocol, configure 192.168.0.14 as a DHCP server address
- ✖ Refresh the IP address on Exec2

Explanation

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

- Use Routing and Remote Access to configure CorpServer2 as a DHCP relay agent by performing the following:
    - Add the DHCP relay agent routing protocol.
    - Add **NetTeam** as a DHCP relay agent interface.
    - Set the boot threshold to **0**.
    - Configure the DHCP relay agent properties to identify **192.168.0.14** as the DHCP server.
- Renew the TCP/IP information on Exec2 (the client machine in Building B).
- Verify that Exec2 has a network connection.

Complete this lab as follows:

1. Add the DHCP relay agent routing protocol as follows:
   a. In Server Manager, select **Tools** > **Routing and Remote Access**.
   b. Expand **IPv4**.
   c. Right-click **General** and select **New Routing Protocol**.
   d. Select **DHCP Relay Agent**; then click **OK**.

2. Add and configure a relay agent interface as follows:
   a. In the left pane, right-click **DHCP Relay Agent** and select **New Interface**.
   b. Select **NetTeam**; then click **OK**.
   c. Make sure **Relay DHCP packets** is selected.
   d. Set the *boot threshold*.
   e. Click **OK**.

3. Configure the DHCP relay agent properties to identify the DHCP server as follows:
   a. Right-click **DHCP Relay Agent** and select **Properties**.
   b. In the Server address field, enter the *IP address* of the DHCP server.
   c. Select **Add**; then click **OK**.

4. Renew the TCP/IP address and verify the connection as follows:
   a. From the top menu, select **Floor 1**.
   b. Select **Exec2**.
   c. Right-click **Start** and select **Command Prompt (Admin)**.
   d. In the command prompt, type **ipconfig /renew** and press **Enter**. The computer should receive an address on the 192.168.10 network.
   e. From the the taskbar, select the **Network** icon to view the connection status.