6.10 Lab: Configure a DHCP Relay Agent

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Time Spent: 00:17

Score: 0%

Task Summary

Required Actions

✕ 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   Show Details

Explanation 🎧

Complete this lab as follows:

1. Add the DHCP Relay Agent routing protocol.
   a. From 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** and then select **OK**.

2. Add and configure a Relay Agent interface.
   a. From the left pane, right-click **DHCP Relay Agent** and select **New Interface**.
   b. Select **NetTeam** and then select **OK**.
   c. Make sure **Relay DHCP packets** is selected.
   d. Set the boot threshold to **0** (zero).
   e. Select **OK**.

3. Configure the DHCP Relay Agent properties to identify the DHCP server.
   a. Right-click **DHCP Relay Agent** and select **Properties**.
   b. In the Server address field, enter **192.168.0.14** (the IP address of the DHCP server).
   c. Select **Add** and then select **OK**.

4. Renew the TCP/IP address and verify the connection.
   a. From the top left, select **Floor 1**.
   b. Under Manager Office, select **Exec2**.
   c. Right-click **Start** and select **Terminal (Admin)**.
   d. In PowerShell, type **ipconfig**.
      Notice that the current IP address is on the 169.254.0.0 network.
   e. In PowerShell, type **ipconfig /renew** and then press **Enter**.
      The computer should receive an address on the 192.168.10.0 network.

f. From the taskbar, right-click the **network icon**, and select **Network and Internet settings** to view the connection status.