Lab Report
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Your Performance

Your Score: 0 of 4 (0%)   Pass Status: Not Passed

Elapsed Time: 5 minutes 56 seconds   Required Score: 100%

Task Summary

✖ On CorpDHCP, configure an exclusion for 15 percent of the address range

✖ On CorpDHCP2, configure an exclusion for 85 percent of the address range

✖ Configure a 2 millisecond delay on the target server

✖ Activate the backup scope

Explanation

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

- Explore the DHCP configuration on CorpDHCP. Identify which scopes, exclusions, and options are currently configured.
- Add the CorpDHCP2 server to the DHCP console.
- Explore the DHCP configuration on CorpDHCP2. Identify which scopes, exclusions, and options are configured.
- On CorpDHCP, use the Split-Scope wizard to split the Subnet1 scope between CorpDHCP and CorpDHCP2.
    - Configure CorpDHCP to handle **85** percent of the IP addresses.
    - Configure CorpDHCP2 to handle **15** percent of the IP addresses.
    - Configure a **2**-millisecond delay for the target server response.
    - Identify which exclusions have been added to the CorpDHCP server.
    - Identify which scopes, exclusions, and options have changed on the CorpDHCP2 server.
- Activate the backup scope for Subnet1 on CorpDHCP2.

Complete this lab as follows:

1. Explore the DHCP configuration as follows:
    a. From Server Manager, select **Tools** > **DHCP**.
    b. Expand the *server node*.
    c. Expand the *protocol node*. There is currently one scope for the 192.168.0.0 network. It is named Subnet1.
    d. Expand the *scope node*.
    e. Select **Address Pool**. There is currently an address range of 192.168.0.1 to 192.168.0.254 and an exclusion for 192.168.0.1 to 192.168.0.29 to allow for static server addresses.
    f. Select **Scope Options**. There are currently options configured for 003 Router, 006 DNS Servers, and 015 DNS Domain Name.

2. Add the CorpDHCP2 server to the DHCP console as follows:
    a. In the left pane, right-click **DHCP** and select **Add Server**.
    b. Select **This authorized DHCP server**.
    c. Select **CorpDHCP2** and click **OK**.

3. Explore the DHCP configuration on CorpDHCP2 as follows:
    a. Expand **CorpDHCP2.CorpNet.com**.
    b. Expand the *protocol node*. There is currently one scope for the 192.168.10.0 network. It is named Subnet2.
    c. Expand the *scope node*.
    d. Select **Address Pool**. There is currently an address range of 192.168.10.1 to 192.168.10.254 and an exclusion for 192.168.10.1 to 192.168.10.29 to allow for static server addresses.
    e. Select **Scope Options**. There are currently options configured for 003 Router, 006 DNS Servers, and 015 DNS Domain Name.

4. Configuring a DHCP split-scope as follows:
    a. Under CorpDCHP, right-click the *scope* and select **Advanced** > **Split-Scope**.
    b. Click **Next** to begin the DHCP Split-Scope Configuration Wizard.

    c. Select **Add Server** to select the target DHCP server:

    d. Select **This authorized DHCP server**.

    e. Select **CorpDHCP2** from the list of authorized DHCP servers; then select **OK**.

    f. Click **Next**.

    g. Under Host DHCP Server, enter **85**.

    h. Under Added DHCP Server, enter **15**; then click **Next**.

    i. Under Added DHCP Server, enter **2** for the response delays; then click **Next**.

    j. Click **Finish**.

    k. Click **Close**.

    l. Select **Address Pool**. Note the new exclusion for 192.168.0.217 to 192.168.0.254, excluding 15 percent of the address range.

5. Explore and activate the new scope as follows:

    a. Under CorpDCHP2, expand the *scope node* for Subnet1.

    b. Select **Address Pool**. The address range of 192.168.0.1 to 192.168.0.254 has been duplicated, and an exclusion for 192.168.0.1 to 192.168.0.216 has been created to exclude 85 percent of the address range.

    c. Select **Scope Options**. Notice that the scope options were duplicated.

    d. Right-click the *scope* and select **Activate** to enable the backup scope.