Lab Report

Your Performance

Your Score: 2 of 4 (50%)   Pass Status: Not Passed

Elapsed Time: 2 minutes 23 seconds   Required Score: 100%

Task Summary

✔ Install the DHCP role

✔ Authorize CorpDHCP as a DHCP server

✘ Configure the DHCP scope   Hide Details

> ▬ Scope name: Subnet1
> ▬ Starting IP Address: 192.168.0.1
> ▬ Ending IP Address: 192.168.0.254
> ▬ Subnet mask: 255.255.255.0
> ▬ Lease duration: 5 days

✘ Activate the DHCP scope

Explanation

In this lab, you perform the following:

- Install the DHCP role.
- Authorize CorpDHCP as a DHCP server.
- Configure the DHCP scope as follows:
    - Name: **Subnet1**
    - Address range: **192.168.0.1** to **192.168.0.254**
    - Subnet mask: **255.255.255.0**
    - Length: **24**
    - Lease duration: **5 days**
- Activate the DHCP scope.

Complete this task as follows:

1. Install a DHCP role as follows:
    a. From Hyper-V Manager, select **CORPSERVER**.
    b. Maximize the window to view all virtual machines.
    c. Right-click **CorpDCHP** and select **Connect**.
    d. From Server Manager, select **Manage** > **Add Roles and Features**.
    e. In the Add Roles and Features Wizard, click **Next**.
    f. Make sure **Role-based or feature-based installation** is selected; then click **Next**.
    g. Make sure **CorpDHCP.CorpNet.com** is selected in the Server Pool area; then click **Next**.
    h. Select the **DHCP Server** role.
    i. Select **Add Features**.
    j. Click **Next**.
    k. Click **Next** because no additional features are required for the DHCP Server.
    l. In the DHCP Server window, click **Next**.
    m. Select **Install** to add the selected role.
2. Authorize CorpDHCP as a DHCP server as follows:
    1. In the center area, select **Complete DHCP configuration** to begin the DHCP Post-Install configuration wizard.
    2. In the DHCP Post-Install configuration wizard, click **Next**.
    3. Verify the *credentials*; then select **Commit**.

4. Click **Close** to close the DHCP Post-Install configuration wizard.
5. Click **Close** to close the Add Roles and Features wizard.

3. Configure and activate a DHCP Scope as follows:
   a. From Server Manager, select **Tools** > **DHCP**.
   b. Expand **CorpDHCP.CorpNet.com**.
   c. Right-click **IPv4** and select **New Scope**.
   d. In the New Scope wizard, click **Next**.
   e. In the Name field, enter the *name* of the *scope*; then click **Next**.
   f. Enter the *start IP address*.
   g. Enter the *end IP address*.
   h. Make sure the subnet is **255.255.255.0**.
   i. Make sure the length is **24**; then click **Next**.
   j. Click **Next** to ignore any exclusions and delays.
   k. Enter **5** days as the lease duration; then click **Next**.
   l. Select **No, I will configure these options later** to postpone configuring other DHCP options; then click **Next**.
   m. Click **Finish** to close the wizard and create the scope.

4. Activate the DHCP scope as follows:
   1. Expand **IPv4**.
   2. Right-click **Scope [192.168.0.1] Subnet1** and select **Activate**.