

6.3 Lab: Configure a DHCP Server

Candidate: COMPTIA COMPTIA ()

Time Spent: 00:20

Score: 0%

Task Summary

Required Actions

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- ✗ Configure the IPv4 DHCP scope on the server [Show Details](#)
 - ✗ Activate the IPv4 DHCP scope on the server
 - ✗ Configure the laptop in the support office to obtain IP and DNS addresses automatically from the DHCP server
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Explanation

Complete this lab as follows:

1. Access the CorpDHCP Hyper-V server.
 - a. From Hyper-V Manager, select **CORPSERVER**.
 - b. Resize the window to view all virtual machines.
 - c. Double-click **CorpDHCP** to access the server.
 - d. Maximize the CorpDHCP server for better viewing.
2. Access the DHCP New Scope Wizard.
 - a. From Server Manager's menu bar, select **Tools > DHCP**.
 - b. Expand **CorpDHCP.CorpNet.local**.
 - c. Right-click **IPv4** and select **New Scope**.
3. Name the scope and configure the IP address range.
 - a. From the New Scope Wizard, select **Next**.
 - b. In the Name field, enter **Subnet1** and then select **Next**.
 - c. Enter **192.168.0.20** in the *Start IP address* field.
 - d. Enter **192.168.0.200** in the *End IP address* field.
 - e. Make sure the length is set to **24**.
 - f. Make sure the subnet mask is **255.255.255.0** and then select **Next**.
 - g. From the *Add Exclusions and Delay* window, select **Next**.
 - h. Use the default lease duration and select **Next**.
 - i. Make sure **Yes, I want to configure these options now** is selected and then select **Next**.
4. Configure the default gateway and DNS server.
 - a. In the IP address field, enter **192.168.0.5** as the default gateway address.
 - b. Select **Add** and then select **Next**.
 - c. In the IP address field, enter **163.128.78.93** as the DNS server address.
 - d. Select **Add** and then select **Next**.
 - e. From the WINS Servers window, select **Next**.
5. Activate the scope just created.

- a. Make sure **Yes, I want to activate this scope now** is selected and then select **Next**.
 - b. Click **Finish** to close the wizard and create the scope.
6. Configure the laptop in the Lobby to obtain IP and DNS addresses automatically from the DHCP server.
 - a. From the top left, select **Floor 1 Overview**.
 - b. Under Lobby, select **Gst-Lap**.
 - c. In the notification area of the taskbar, right-click the **network icon** and select **Network and Internet settings**.
 - d. Select **Ethernet**.
 - e. Scroll down to **IP assignment:** and select **Edit**.
 - f. Change the top drop down from **Manual** to **Automatic (DHCP)**, then click **Save**.