

Lab Report

Your Performance

Your Score: 0 of 6 (0%)


Elapsed Time: 6 minutes 30 seconds


Pass Status: Not Passed


Required Score: 100%

Task Summary

- ✖ Connect the CorpDMZWeb server to the Optional port on the NSA
- ✖ Configure the Optional port for DMZ mode
- ✖ Configure the DMZ zone for DHCP [Hide Details](#)

 DHCP Server Mode

 Primary DNS: 163.128.78.93

 Secondary DNS: 163.128.80.93

- ✖ Configure a reserved IP address for the CorpDMZWeb server [Hide Details](#)

 IP Address: 172.16.2.100

- ✖ Configure the DMZ server to obtain an IP and DNS address automatically
- ✖ Confirm that the CorpDMZWeb server is connected to the internet

Explanation

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

- Connect the left port of the CorpDMZWeb server to the Optional port on the NSA.
- Configure the Optional port on the NSA for DMZ mode from the IT administrator's workstation.
 - NSA management console address: **http://198.28.56.18**
 - Username: **xAdmin**
 - Password: **Admin\$only** (0 is zero)
- Configure the DMZ port to act as a DHCP server with the default IP addresses.
 - Primary DNS server address: **163.128.78.93**
 - Secondary DNS server address: **163.128.80.93**
- Reserve the first IP address in the DMZ's DHCP address range for CorpDMZWeb.
 - IP address: **172.16.2.100**
 - MAC address: **1A:2B:C4:28:3B:9F**
- Configure the CorpDMZWeb server to obtain an IP address automatically.
- Configure the CorpDMZWeb server to obtain a DNS address automatically.
- Verify that the CorpDMZWeb server receives the reserved IP address.

Complete this lab as follows:

1. Connect the Server to the NSA as follows:
 - a. Under Workspace, select **Back** to switch to the back view of the server rack.
 - b. Expand **Cables** under the Shelf.
 - c. Select the **Cat5e** cable.
 - d. In the Selected Component window, click on the **network cable connector** and drag it to the left **Ethernet** port on the CorpDMZWeb server.
 - e. In the Selected Component window, click on the other **network cable connector** and drag it to the **Optional** port on the NSA.

Use the slider by Workspace to zoom in and out as needed.

2. Configure the DMZ as follows:

- a. From the top menu, select **Building A**.
- b. Select **Floor 1** to navigate to the IT Administration office.
- c. Select **ITAdmin**.
- d. On the taskbar, open **Internet Explorer**.
- e. In the URL field, enter the NSA Management address of **198.28.56.18** and press **Enter**.
- f. Maximize Internet Explorer for easier viewing.
- g. In the Username field, enter **xAdmin**.
- h. In the Password field, enter **Admin\$Only** (0 is zero).
- i. Select **Log In**.
- j. In the left pane under Getting Started, select **Advanced**.
- k. Under DMZ Port, select **Set Optional Port to DMZ Mode**.
- l. Select **DMZ**.
- m. Click **Apply**.
- n. In the left pane, select **DMZ Config**.
- o. On the DMZ Configuration page under DHCP mode, select **DHCP Server** from the drop-down list.
- p. In the Primary DNS Server field, enter **163.128.78.93**.
- q. In the Secondary DNS Server field, enter **163.128.80.93**; then click **Apply**.
- r. In the left pane, select **DMZ Reserved IPs**.
- s. On the DMZ Reserved IPs page, select **Add**.
- t. In the IP Address field, enter **172.16.2.100**.
- u. In the MAC Address field, enter **1A:2B:C4:28:3B:9F**; then click **Apply**.

3. Configure DMZ Server Networking as follows:

- a. From the top, select **Building A**.
- b. Select **Basement** to navigate back to the basement.
- c. Select **CorpDMZWeb**.
- d. Right-click the **Network** icon in the navigation area and select **Open Network and Sharing Center**.
- e. Select **Change adapter settings**.
- f. Right-click **Ethernet** and then select **Properties**.
- g. Select **Internet Protocol Version 4 (TCP/IPv4)**.
- h. Select **Properties**.
- i. Select **Obtain an IP address automatically**.
- j. Select **Obtain DNS server address automatically**; then click **OK**.
- k. Click **Close**.
- l. Close the Network Connections dialog.
- m. In the Network and Sharing Center console, select **Ethernet**.
- n. Select **Details** to verify that the server has received the correct IP address and DNS server addresses.