

Lab Report

Your Score: 4 of 5 (80%)

Elapsed Time: 9 minutes 42 seconds

- ✗ Connect the CorpDMZWeb server to the Optional Port on the NSA
- ✓ Configure the Optional Port for DMZ mode
- ✓ Configure the DMZ zone for DHCP [Show Details](#)
- ✓ Configure a reserved IP address for the CorpDMZWeb server [Show Details](#)
- ✓ Configure the DMZ server to obtain an IP address automatically

Explanation

To create the DMZ, complete the following steps:

Connect the Server to the NSA

1. In the Basement, switch to the Back view of the server rack.
2. Expand the **Cables** group on the Shelf, and select the **Cat5e** cable.
3. In the Selected Component window, click on one end of the network cable and drag it to the left Ethernet port on the **CorpDMZWeb** server.
4. In the Selected Component window, click on the other end of the network cable and drag it to the **Optional Port** on the NSA.

Configure the DMZ

1. From the top, navigate to the IT Administrator's office by selecting **Building A > Floor 1**; then select **ITAdmin**.
2. Click **Start > Internet Explorer**.
3. Enter the NSA Management address (**198.28.56.18**) in the URL field, and press **Enter**. Maximize Internet Explorer to allow for easier viewing.
4. Login to the Security Appliance Configuration Utility using the new username (**mbrown**) and password (**St@y0ut!**).
5. In the left pane under Getting Started, click **Advanced**.
6. Under DMZ Port, select **Set Optional Port to DMZ Mode**.
7. Select **DMZ**, and click **Apply**.
8. In the left pane, select **DMZ Config**.
9. On the DMZ Configuration page, set the DHCP mode to **DHCP Server**, add the DNS Server addresses (**163.128.78.93** and **163.128.80.93**), and click **Apply**.
10. In the left pane, select **DMZ Reserved IPs**.
11. On the DMZ Reserved IPs page, click **Add**.
12. Enter the first IP Address in the range (**172.16.2.100**) and the MAC Address (**1A:2B:C4:28:3B:9F**), and then click **Apply**.

Configure DMZ Server Networking

1. Navigate back to the Basement and select **CorpDMZWeb**.
2. Right-click the **Network** icon in the system tray, and then select **Open Network and Sharing Center**.
3. Click **Change adapter settings**.
4. Right-click **Ethernet**, and then select **Properties**.
5. Select **Internet Protocol Version 4 (TCP/IPv4)**, and then click **Properties**.

6. Select **Obtain an IP address automatically** and **Obtain DNS server address automatically**, and then click **OK**.
7. Click **Close**, and then on the back arrow to return to Network and Sharing Center.
8. Click **Ethernet**. (The Ethernet Status window may open behind Explorer.)
9. Click **Details** to verify that the server has received the correct IP Address.