

5.2.3 Configure a DMZ

Your Performance

Your Score: 3 of 3 (100%)

Elapsed Time: 7 minutes 4 seconds

Pass Status: **Pass**

Required Score: 100%

Task Summary

Required Actions

- ✓ Configure an interface for the DMZ [Show Details](#)
- ✓ Add a firewall rule to the DMZ interface
- ✓ Configure pfSense's DHCP server for the DMZ interface [Show Details](#)

Explanation

Complete this lab as follows:

1. Sign into the pfSense management console.
 - a. In the Username field, enter **admin**.
 - b. In the Password field, enter **P@ssw0rd** (zero).
 - c. Select **SIGN IN** or press **Enter**.
2. Configure an interface for the DMZ.
 - a. From the pfSense menu bar, select **Interfaces > Assignments**.
 - b. Select **Add**.
 - c. Select **OPT1**.
 - d. Select **Enable interface**.
 - e. Change the Description field to **DMZ**.
 - f. Under General Configuration, use the IPv4 Configuration Type drop-down menu to select **Static IPv4**.
 - g. Under Static IPv4 Configuration, in the *IPv4 Address* field, enter **172.16.1.1**.
 - h. Use the subnet mask drop-down menu to select **16**.
 - i. Select **Save**.
 - j. Select **Apply Changes**.
 - k. (Optional) Verify the change as follows:
 - From the menu bar, select **pfsense COMMUNITY EDITION**.
 - Under Interfaces, verify that the DMZ is shown with the correct IP address.
3. Add a firewall rule to the DMZ interface.
 - a. From the pfSense menu bar, select **Firewall > Rules**.
 - b. Under the Firewall breadcrumb, select **DMZ**. (Notice that no rules have been created.)
 - c. Under the Firewall breadcrumb, select **LAN**.
 - d. Under the Actions column, select the **copy** icon (two files) for the rule with a source of **LAN net**.
 - e. For the Action field, make sure **Pass** is selected.
 - f. For the Interface field, use the drop-down menu to select **DMZ**.
 - g. For Protocol, make sure it's set to **Any**.
 - h. Under Source, use the drop-down menu to select **DMZ net**.
 - i. Under Destination, make sure it is configured for **any**.
 - j. Under Extra Options, change the description to **Allow DMZ to any rule**. (Is case sensitive.)
 - k. Scroll to the bottom and select **Save**.
 - l. Select **Apply Changes**.
4. Configure pfSense's DHCP server for the DMZ interface.

- a. From the menu bar, select **Services > DHCP Server**.
- b. Under the Services breadcrumb, select **DMZ**.
- c. Select **Enable**.
- d. Configure the Range field as follows:
 - From: **172.16.1.100**
 - To: **172.16.1.200**
- e. Scroll to the bottom and select **Save**.

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