

10.5.8 Lab: Configure a Perimeter Firewall

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Time Spent: 00:17

Score: 0%

Task Summary

Required Actions

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- ✗ Create and configure a firewall rule to pass HTTP traffic from the internet to the Web server [Show Details](#)
 - ✗ Create and configure a firewall rule to pass HTTPS traffic from the internet to the Web server [Show Details](#)
 - ✗ Create and configure a firewall rule to pass all traffic from the LAN network to the DMZ network [Show Details](#)
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Explanation

Complete this lab as follows:

1. Sign in to 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. Create and configure a firewall rule to pass HTTP traffic from the WAN to the Web server in the DMZ.
 - a. From the pfSense menu bar, select **Firewall > Rules**.
 - b. Under the Firewall breadcrumb, select **DMZ**.
 - c. Select **Add** (either one).
 - d. Make sure Action is set to **Pass**.
 - e. Under Source, use the drop-down to select **WAN net**.
 - f. Under Destination, use the Destination drop-down to select **Single host or alias**.
 - g. In the Destination Address field, enter **172.16.1.5**.
 - h. Using the Destination Port Range drop-down, select **HTTP (80)**.
 - i. Under Extra Options, in the Description field, enter **HTTP from WAN to DMZ**.
 - j. Select **Save**.
 - k. Select **Apply Changes**.
3. Create and configure a firewall rule to pass HTTPS traffic from the WAN to the Web server in the DMZ.
 - a. For the rule just created, select the **Copy** icon (two files).
 - b. Under Destination, change the Destination Port Range to **HTTPS (443)**.

- c. Under Extra Options, change the Description field to **HTTPS from WAN to DMZ**.
 - d. Select **Save**.
 - e. Select **Apply Changes**.
4. Create and configure a firewall rule to pass all traffic from the LAN network to the DMZ network.
- a. Select **Add** (either one).
 - b. Make sure Action is set to **Pass**.
 - c. For Protocol, use the drop-down to select **Any**.
 - d. Under Source, use the drop-down to select **LAN net**.
 - e. Under Destination, use the drop-down to select **DMZ net**.
 - f. Under Extra Options, change the Description field to **LAN to DMZ Any**.
 - g. Select **Save**.
 - h. Select **Apply Changes**.