

Lab Report

Your Performance

Your Score: 0 of 3 (0%)

Pass Status: Not Passed

Elapsed Time: 4 minutes 16 seconds

Required Score: 100%

Task Summary

Required Actions

- ✗ Create and configure a firewall rule to pass HTTP traffic from the internet to the Web server
[Hide Details](#)

- Firewall is enabled
- Firewall is using the DMZ interface
- Source is: WAN net
- Destination type is: Single host
- Destination IP is: 172.16.1.5
- HTTP is being used
- Description set to: HTTP from WAN to DMZ

- ✗ Create and configure a firewall rule to pass HTTPS traffic from the internet to the Web server
[Hide Details](#)

- Firewall is enabled
- Firewall is using the DMZ interface
- Source is: WAN net
- Destination type is: Single host
- Destination IP is: 172.16.1.5
- HTTPS is being used
- Description: HTTPS from WAN to DMZ

- ✗ Create and configure a firewall rule to pass all traffic from the LAN network to the DMZ network
[Hide Details](#)

- Firewall is enabled
- DMZ interface
- Protocol: Any
- Source: 198.28.56.18
- Destination IP is: 192.16.1.1
- Description: LAN to DMZ Any

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**.