10.14 Lab: Configure a Perimeter Firewall

Candidate: COMPTIA COMPTIA ()
Time Spent: 00:14

Score: 0%

Task Summary

Required Actions

✕ Create and configure a firewall rule to pass HTTP traffic from the internet to the Web server   Show Details

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✕ Create and configure a firewall rule to pass HTTPS traffic from the internet to the Web server   Show Details

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✕ 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**.