

## 8.3.9 Configuring a Captive Portal

### Your Performance

Your Score: 0 of 4 (0%)

Elapsed Time: 8 seconds

Pass Status: **Not Passed**

Required Score: 100%

### Task Summary

#### Required Actions

- ✗ Add a captive portal zone [Show Details](#)
- ✗ Enable and configure the captive portal [Show Details](#)
- ✗ Allow a MAC address to pass through the portal
- ✗ Allow an IP address to pass through the portal [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. Add a captive portal zone.
  - a. From the pfSense menu bar, select **Services > Captive Portal**.
  - b. Select **Add**.
  - c. For Zone name, enter **Guest\_WiFi**.
  - d. For Zone description, enter **Zone used for the guest Wi-Fi**.
  - e. Select **Save & Continue**.
3. Enable and configure the captive portal.
  - a. Under Captive Portal Configuration, select **Enable**.
  - b. For Interfaces, select **GuestWi-Fi**.
  - c. For Maximum concurrent connections, select **100**.
  - d. For Idle timeout, enter **30**.
  - e. For Hard timeout, enter **120**.
  - f. Scroll down and select **Per-user bandwidth restriction**.
  - g. For Default download (Kbit/s), enter **8000**.
  - h. For Default upload (Kbit/s), enter **2500**.
  - i. Under Authentication, use the drop-down menu to select **None, don't authenticate users**.
  - j. Scroll to the bottom and select **Save**.
4. Allow a MAC address to pass through the portal.
  - a. From the Captive Portal page, select the **Edit Zone** icon (pencil).
  - b. Under the Services breadcrumb, select **MACs**.
  - c. Select **Add**.
  - d. Make sure the Action field is set to **Pass**.
  - e. For Mac Address, enter **00:00:1B:12:34:56**.
  - f. Select **Save**.
5. Allow an IP address to pass through the portal.
  - a. Under the Services breadcrumb, select **Allowed IP Addresses**.
  - b. Select **Add**.

- c. For IP Address, enter **198.28.1.100**.
  - d. Use the IP address drop-down menu to select **16**. This sets the subnet mask to 255.255.0.0.
  - e. For the Description field, enter **Admin's Laptop**.
  - f. Make sure Direction is set to **Both**.
  - g. Select **Save**.
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