12.5 Lab: Configure a Captive Portal

Candidate: COMPTIA COMPTIA ()
Time Spent: 00:12

Score: 0%

Task Summary

Required Actions

✕ Add a Captive Portal zone   <u>Show Details</u>

✕ Enable and configure the Captive Portal   <u>Show Details</u>

✕ Allow a MAC address to pass through the portal

✕ Allow an IP address to pass through the portal   <u>Show Details</u>

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. 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.**