

Time Spent: 00:24

Required Actions

- Explanation** 

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**.