



Integration Guide

GuestAir

About This Guide

Guide Type

Documented Integration — WatchGuard or a Technology Partner has provided documentation demonstrating integration.

Guide Details

WatchGuard provides integration instructions to help our customers configure WatchGuard products to work with products created by other organizations. If you need more information or technical support about how to configure a third-party product, see the documentation and support resources for that product.

GuestAir Integration Overview

WatchGuard Fireware OS integrates with GuestAir to turn your Wi-Fi hotspot into a secure and highly-customizable captive portal. This integration enables additional authentication methods to capture guest information. In this case, when a client tries to get access to a web page, the Firebox redirects the request to the GuestAir authentication system.

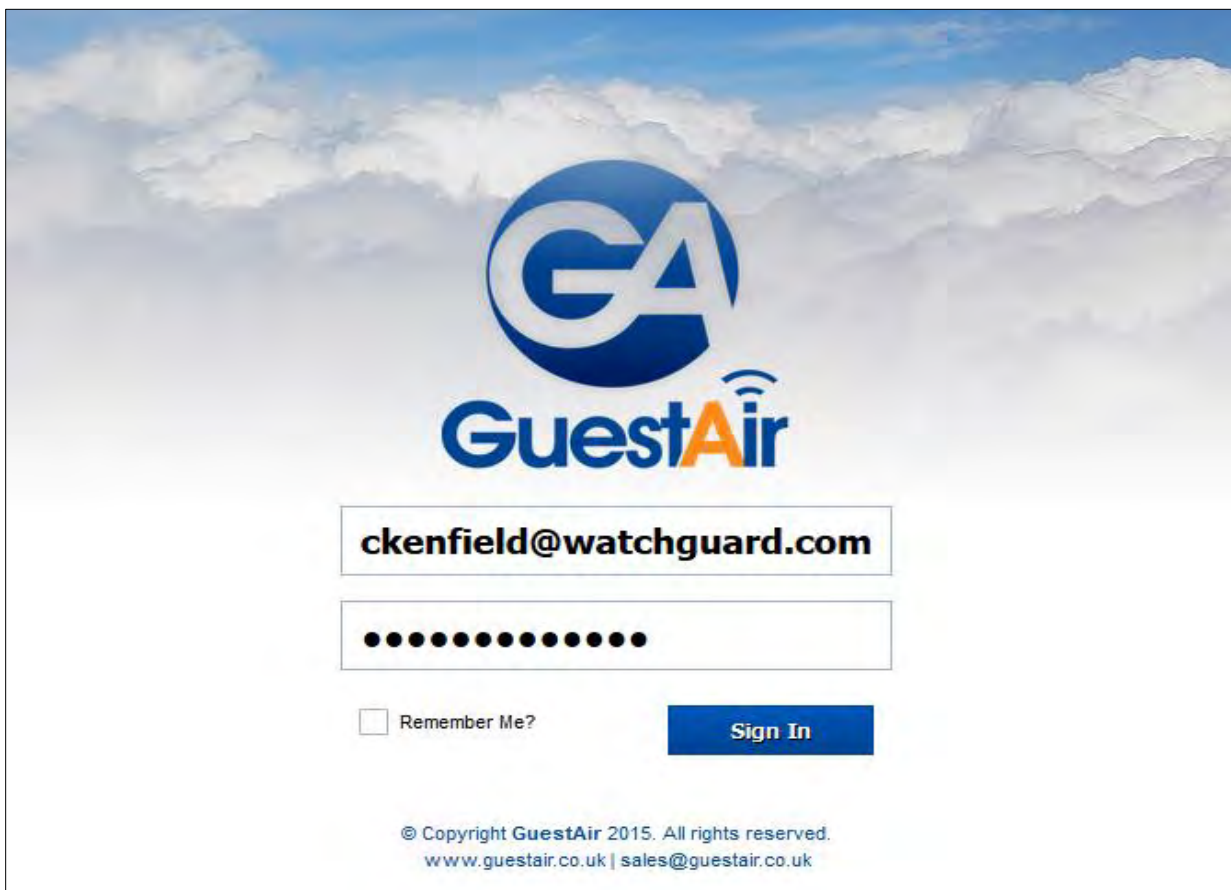
Platform and Software

The hardware and software used to complete the steps outlined in this document include:

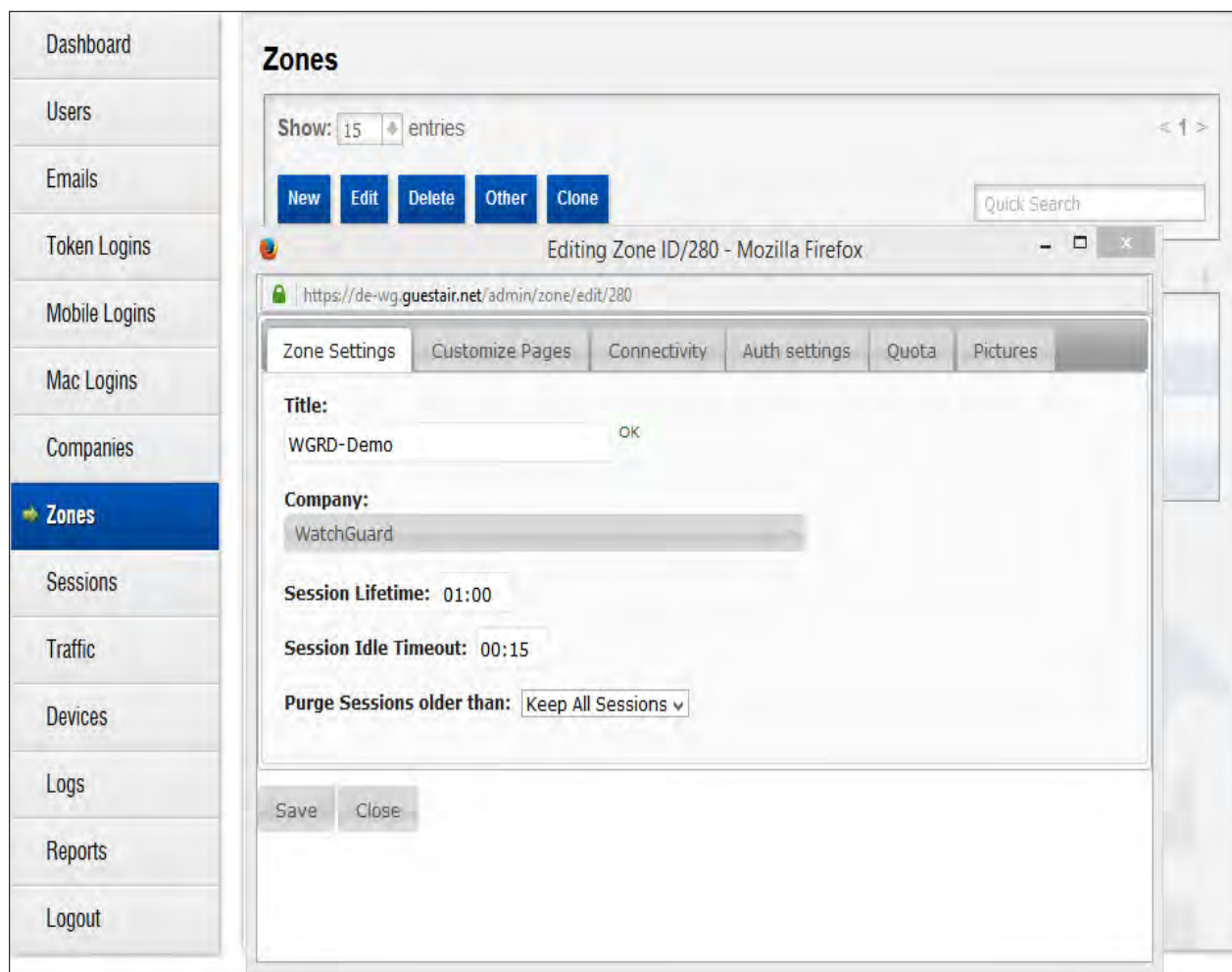
- Firebox or WatchGuard XTM device installed with Fireware v11.10.5
- [GuestAir Guest Authentication System](#)

Set Up a GuestAir Zone

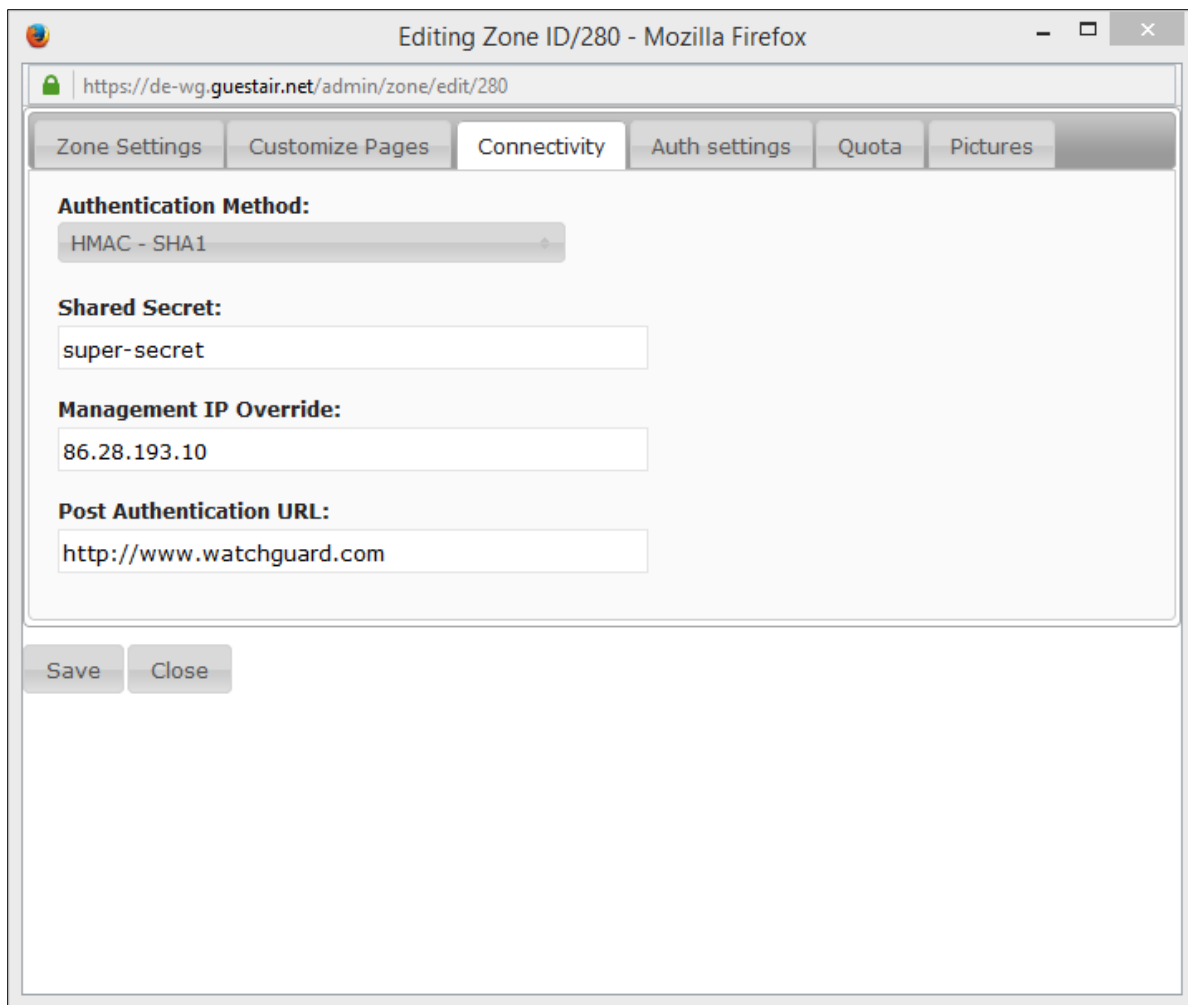
1. Log in to the GuestAir admin UI.



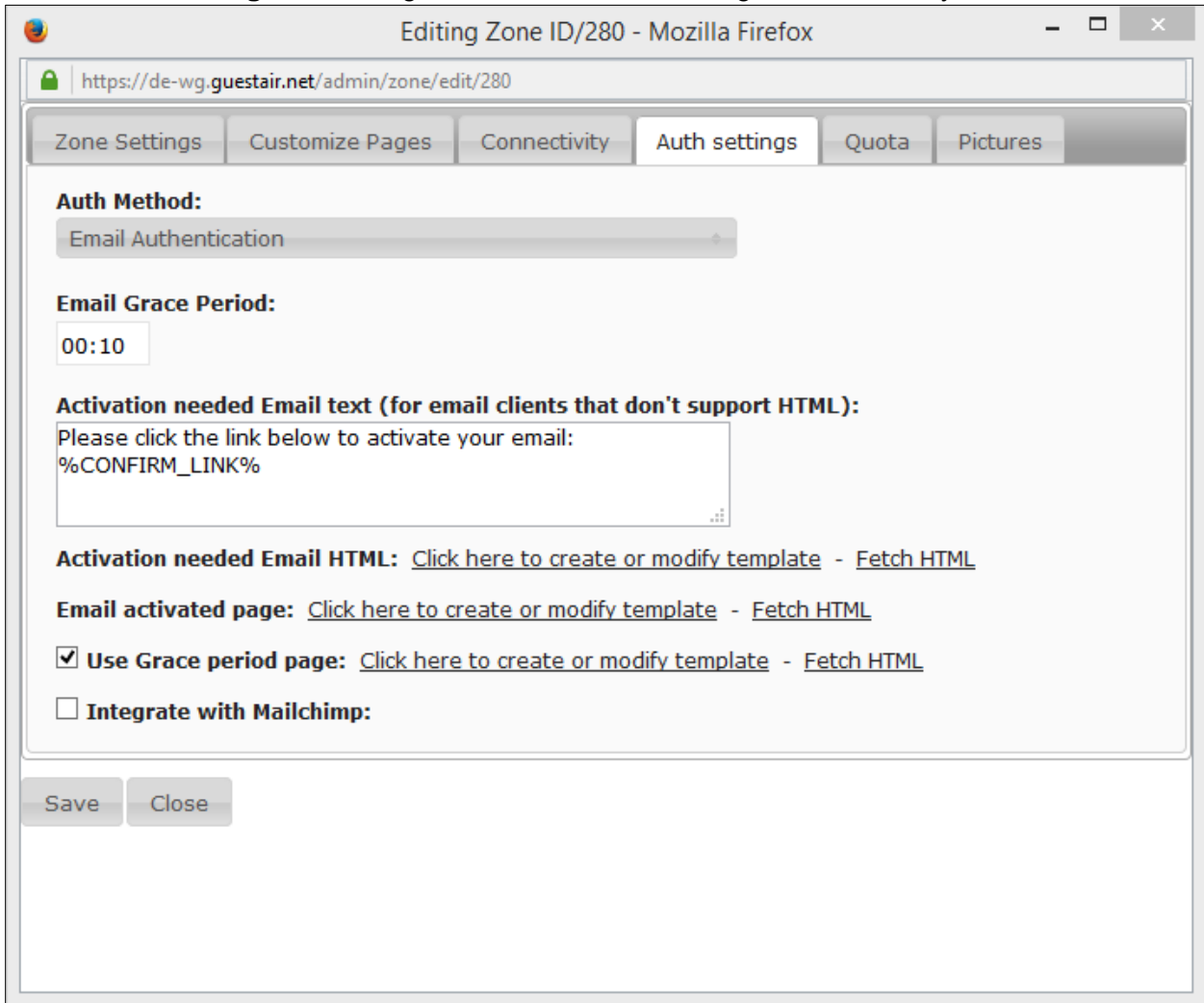
2. Navigate to **Zones** and select **New**. Add the name of your zone.



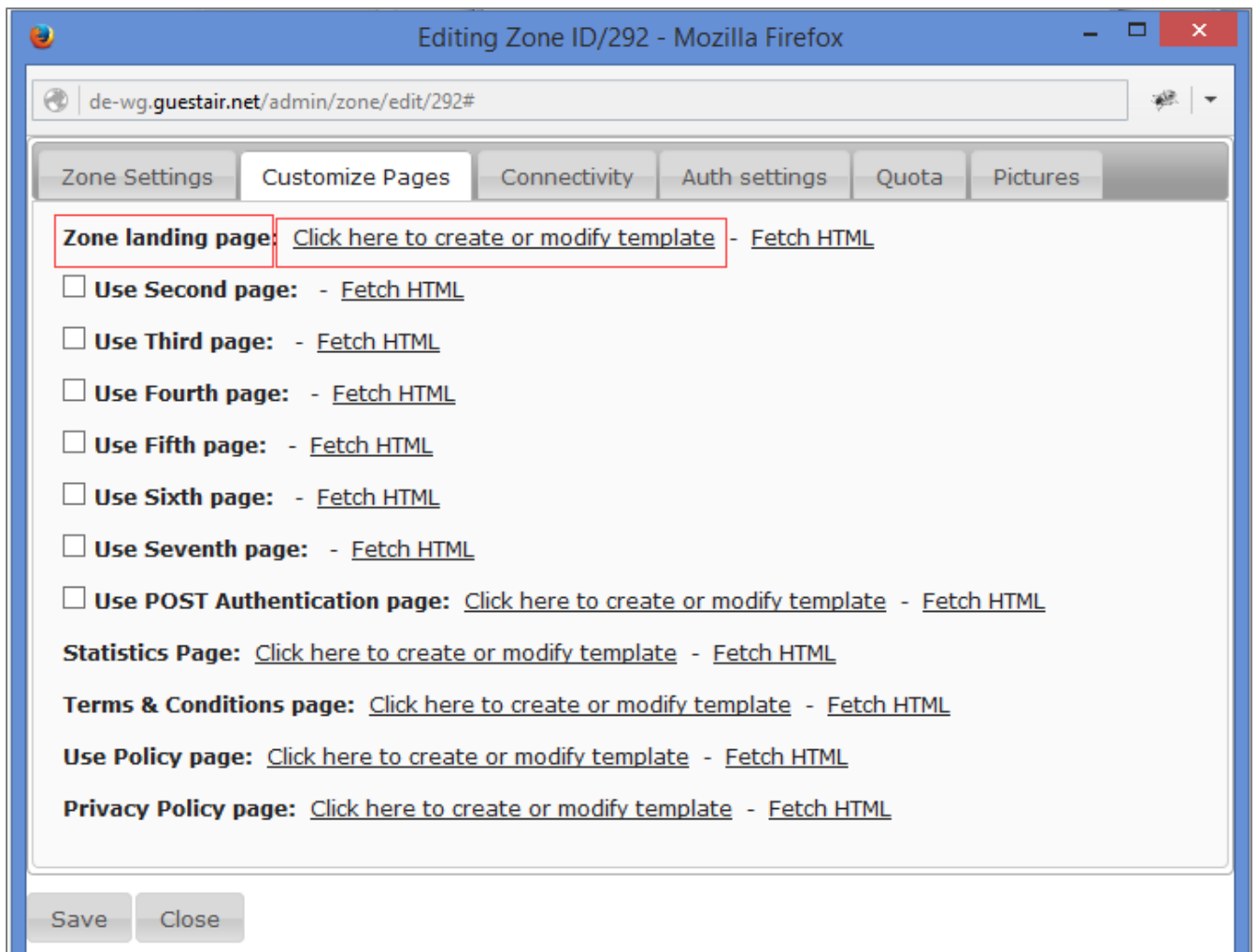
3. On the **Connectivity** tab, type a **Shared Secret**, and a **Post Authentication URL**. Specify a Management IP Override address only if the Firebox is behind another firewall or NAT device that will NAT its IP address before its packets reach GuestAir.




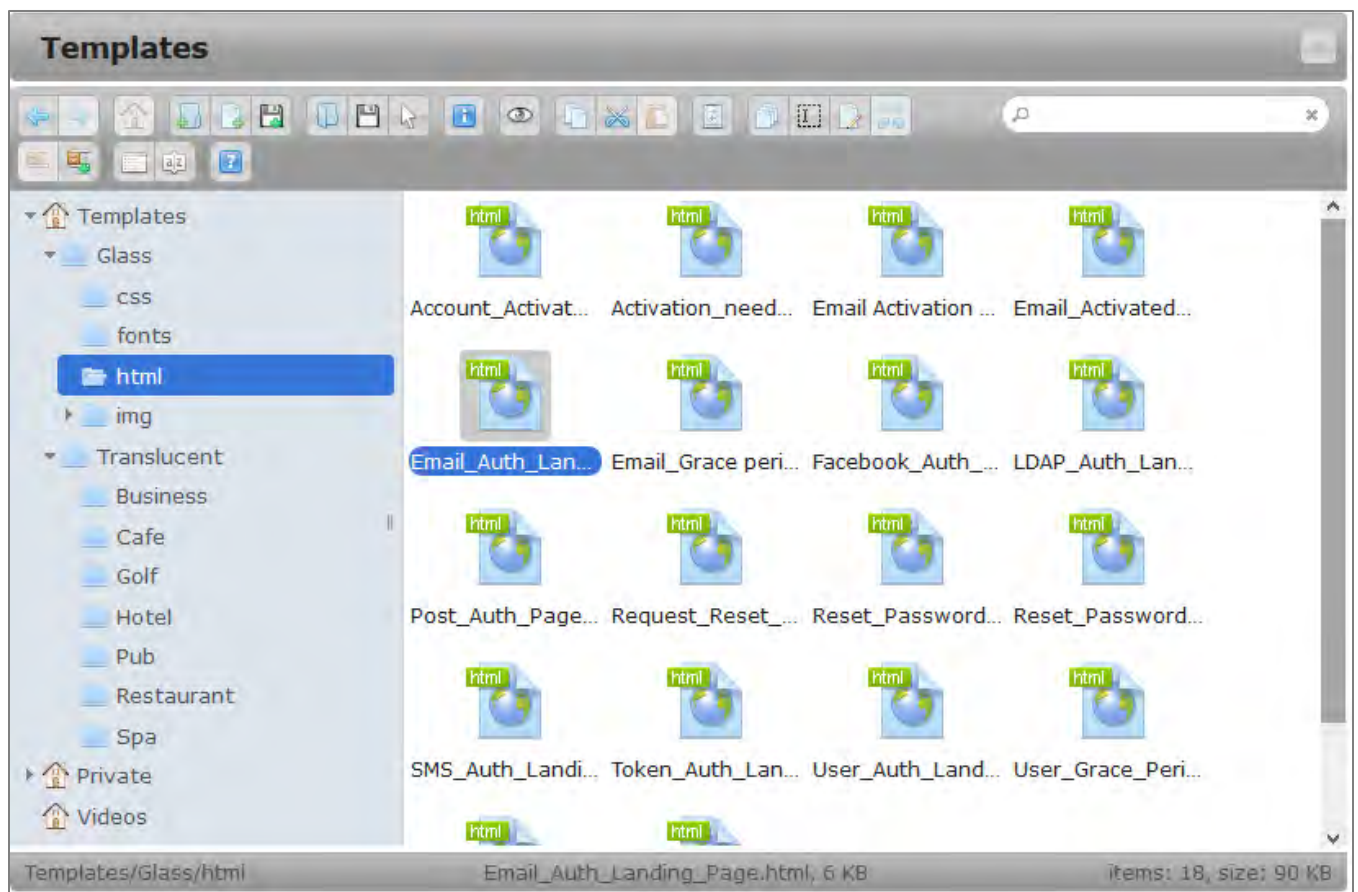
4. On the **Auth Settings** tab, change the **Auth Method** setting to the method you want to use.




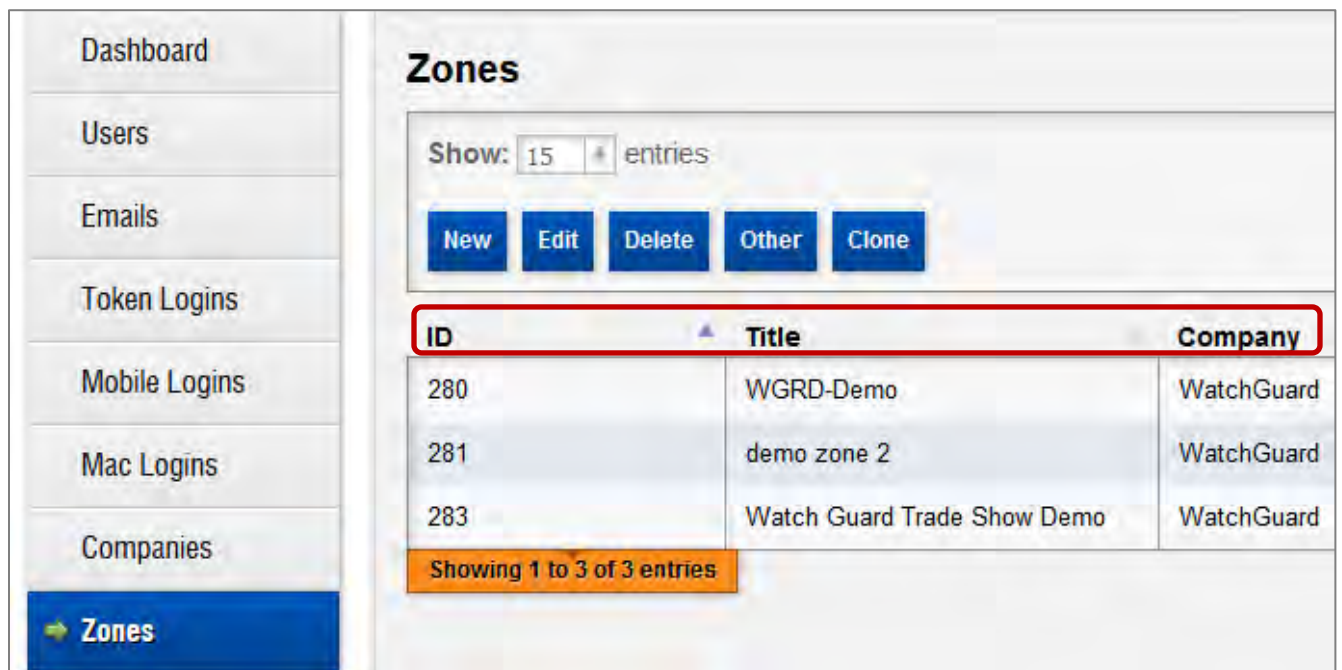
5. On the **Customize Pages** tab you can create a hotspot template for the Zone. To create a Zone Landing Page, select **Click here to create or modify template**.



6. To load a new template, select the **Load New Template** icon  from the menu bar.
7. From the File Browser list, double-click one of the pre-loaded templates available to you to select and load it.



8. Click the Apply Changes icon .
9. Save the changes to the Zone page.
10. Click **Save** and close. The Zone is created and you can see the ID in this example is set to 280.



Set Up Firebox External Guest Authentication

1. Connect to your Firebox with WatchGuard System Manager and open Policy Manager. You can also use Fireware Web UI to complete this procedure.
2. Select **Setup > Authentication > Hotspot**.
3. Click **Enable hotspot on an interface** and select the interface you want to use from the drop-down list. In this example, we use **Optional-2**.
4. From the **Hotspot Type** drop-down list, select **External Guest Authentication**.
5. Type and confirm a **Shared Secret**. This must be same shared secret you used on the GuestAir Zone Connectivity tab
6. In the **Authentication URL** text box, type the URL of the authentication page on the external GuestAir web server.
7. In the **Authentication Failure URL** text box, type the URL of the authentication failure page on the external GuestAir web server. In the screenshot below, x.x.x.x represents the GuestAir server the user has access to, for example: 46.165.252.180 in Germany.

The screenshot shows the 'Hotspot Configuration' window. Under the 'Hotspot' section, the 'Enable hotspot on an interface' checkbox is checked, and the interface is set to 'Optional-2'. The 'Session timeout' is set to 0 seconds, and the 'Idle timeout' is set to 2 hours. The 'Hotspot Type' is 'External Guest Authentication'. Under the 'External Guest Authentication' section, the 'Shared Secret' and 'Confirm' fields are masked with dots. The 'Authentication URL' is 'http://x.x.x.x/wg/login/280' and the 'Authentication Failure URL' is 'http://x.x.x.x/fail'. A red box highlights the 'Authentication URL' and 'Authentication Failure URL' fields. At the bottom, there is an information icon and a note: 'If your XTM device runs Fireware XTM OS v11.7 or earlier, you can enable a hotspot on only the Wireless Guest interface.'

8. Save the configuration to your Firebox.

Test Hotspot External Guest Authentication

To verify external guest authentication is working through GuestAir, open a web browser and connect to a web page. The GuestAir authentication page will appear in the hotspot user's browser. Users will not see this authentication page unless a template has been loaded as described in Steps 6-8 above.



GuestAir Demo

Email

Login

Token

Login

SMS