



INTEGRATION GUIDE

# How to Configure a Mist Wireless to Secure Your Guest Wireless Network with Portnox CLEAR

## Introduction

This document guides you step by step how to configure your Mist wireless guest environment using Portnox CLEAR to control guest user access.

## CLEAR Account

Verify your organization is registered on Portnox CLEAR Cloud Services: <https://clear.portnox.com/>.

## Enabling CLEAR Captive Portal Service

Enable the CLEAR Captive Portal (=Guest portal).

- 1) In the CLEAR portal, go to **Settings > Services** and expand **CLEAR Captive Portal Service**. Then:
  - a. If the **Enable CLEAR Captive Portal** checkbox is not checked, click **Edit** and check the **Enable CLEAR Captive Portal** checkbox.
  - b. Note the following, which you will need when configuring the Mist controller:
    - **URL**
    - **IP (for walled garden)**

## Configuring the Mist Wireless Controller

In this step, we configure the Mist wireless controller WLAN to control guest user access.

- 1) In the Mist portal, navigate to **Network > WLANs**, and add a new WLAN or edit an existing one.
- 2) In the SSID's **Security** section, Select **Open**.

Security

WPA-2/PSK with passphrase  [Reveal](#)

WPA-2/EAP (802.1X)

**Open Access**

[More Options](#)

Prevent banned clients from associating  
(Contact Mist for firmware)  
Edit banned clients in [Network Security Page](#)

- 3) In the SSID's **Guest Portal** section, Select **Forward to external portal** and Enter the following which you noted in the Enabling CLEAR Captive Portal service, step 1b:
  - a. In **portal URL**, enter the URL.
  - b. In **Allowed Subnets**, enter the walled garden IPs.
  - c. In **Allowed Hostnames**, enter guests.portnox.com.

Guest Portal

No portal (go directly to internet)

Custom guest portal

**Forward to external portal**

[Edit Guest Authorization](#)

Portal URL

Allowed Subnets

Allowed Hostnames

Hostname Exceptions  
Block access to these hostnames, even if the parent domain is allowed

API Secret

- 4) Click create WLAN / Save.

- 5) Edit the WLAN you just created and copy the API Secret in the guest portal configuration:

API Secret

- 6) In CLEAR portal > go to **Settings > Services**, expand **CLEAR Captive Portal Service**, click edit and enter the API secret in the shared secret field:

Enable CLEAR Captive Portal

Url: [https://guests.portnox.com/\[REDACTED\]](https://guests.portnox.com/[REDACTED]) 

IP (for walled garden):

Shared Secret: