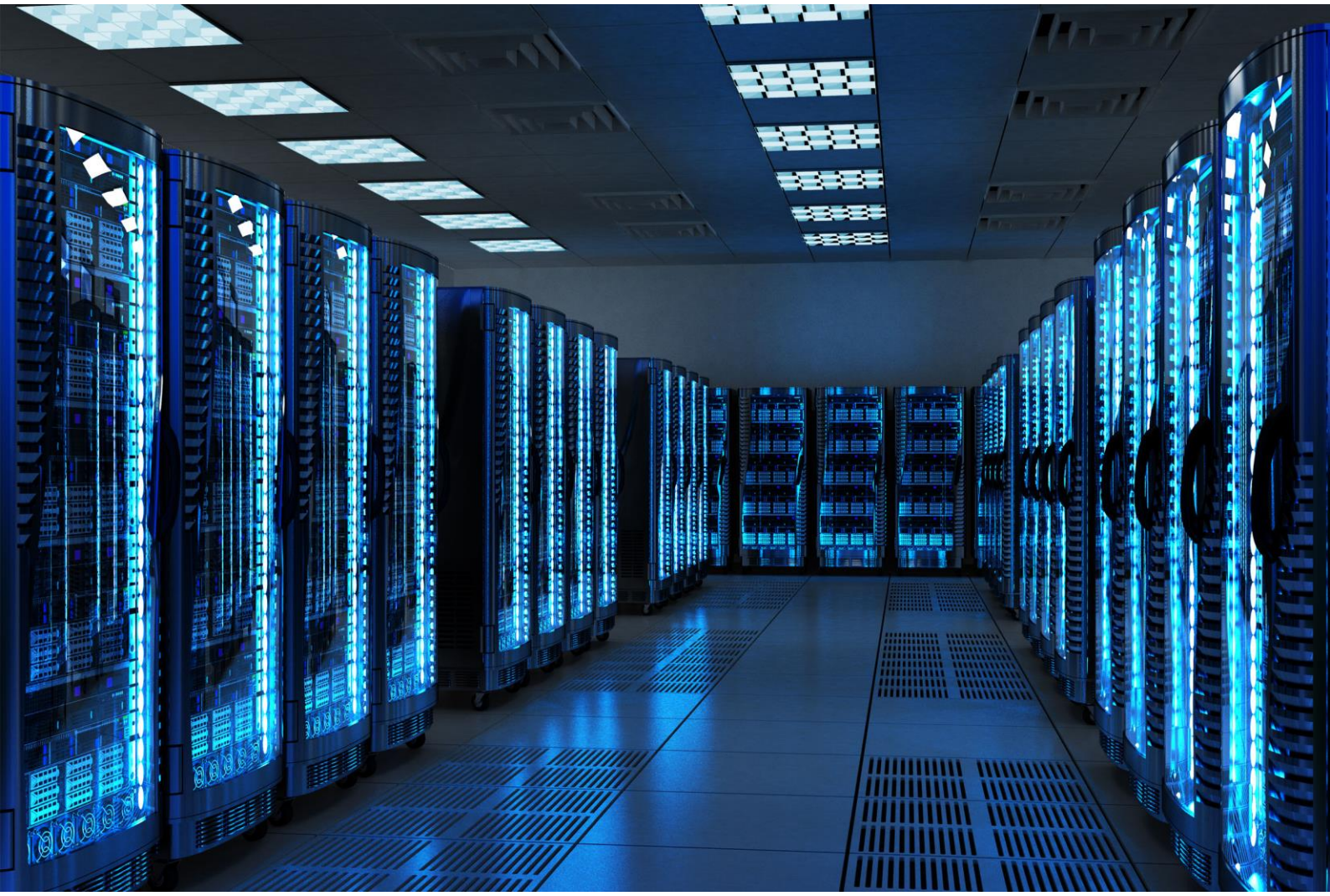
portnox™



INTEGRATION GUIDE

How to Configure Aruba Controller to Secure your Guest Wireless Network with Portnox CLEAR

Introduction

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

Enabling CLEAR RADIUS Service

The first step is to enable the CLEAR RADIUS service:

1) Verify your organization is registered on Portnox CLEAR Cloud Services: https://clear.portnox.com/.
2) In the CLEAR portal, go to **Settings** > **Services** and expand **CLEAR RADIUS Service**. Then:
   a. If the **Enable Cloud RADIUS** checkbox is not checked, click **Edit** and check the **Enable Cloud RADIUS** checkbox.
   b. Note the RADIUS server details which you will need when configuring the Aruba Controller:
      - **Cloud RADIUS IP** - this is the IP address of the CLEAR RADIUS server
      - **Authentication port**
      - **Accounting port** - needed for the RADIUS accounting server
      - **Shared Secret** - this is the RADIUS client shared secret

Enabling CLEAR Captive Portal Service

The second step is to 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 **URL** and the **IP (for walled garden)** which you will need when configuring the Aruba controller.

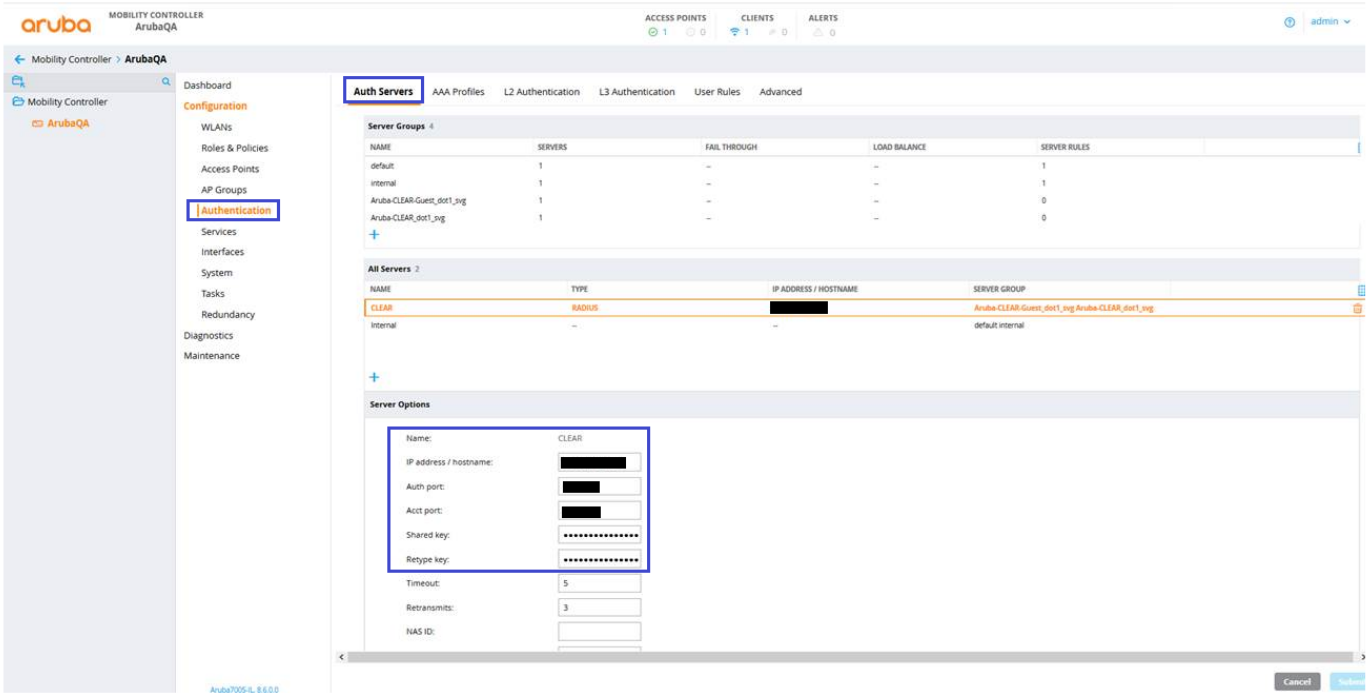
Configuring the Aruba Wi-Fi SSID

In the final step, we configure the Aruba guest wireless SSID to control guest user access.

1) In the Aruba controller interface, navigate to **Configuration** > **Authentication > Auth Servers**, and add a new server. Enter the following CLEAR RADIUS server details, which you noted in

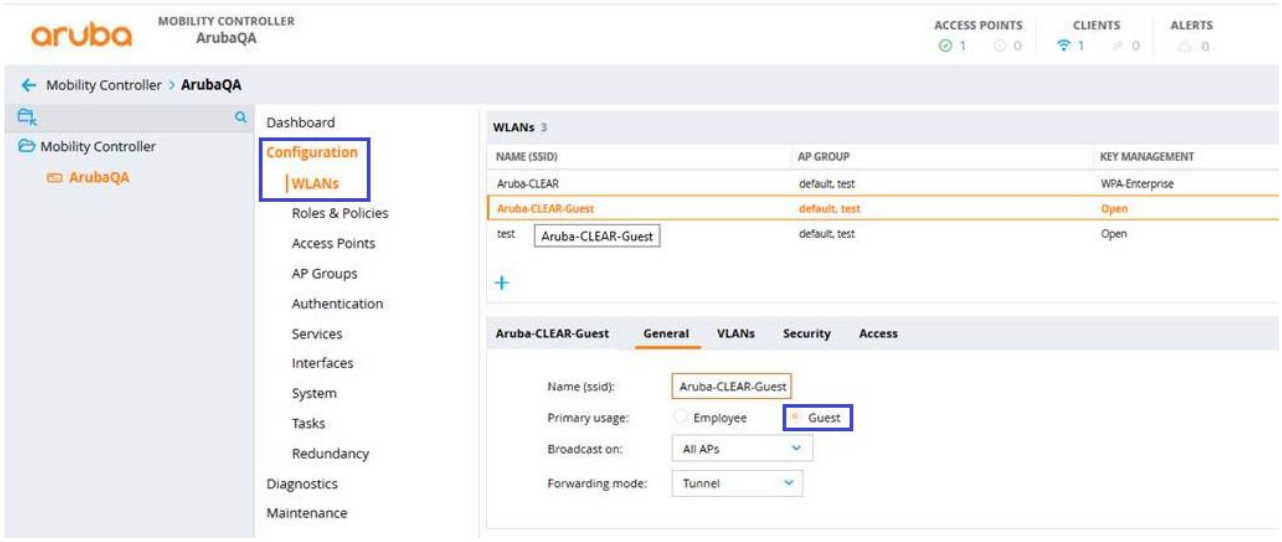
   Enabling CLEAR RADIUS Service, step (2)b:

   - In **IP address / hostname**, enter the Cloud RADIUS IP.
   - In **Auth port**, enter the Authentication port number.
   - In **Acct port**, enter the Accounting port number.
   - In **Shared key**, enter the Shared Secret.



2) Navigate to **Configuration > WLAN** and add a new SSID.

   a. In the general tab, select **Guest** as the **Primary usage**.



b. In the **Security** tab, select external captive portal with the following Captive Portal Options:

- Add the Radius server which was created on step #1 as **Auth servers**.
- In the **Host**, enter: https://guests.portnox.com.
- In the **Page**, enter the rest of the URL which you noted in Enable CLEAR Captive Portal service.

  For example, in case the full URL is:

  https://guests.portnox.com/12345-12345-12345

  List "/12345-12345-12345" as the **Page**.