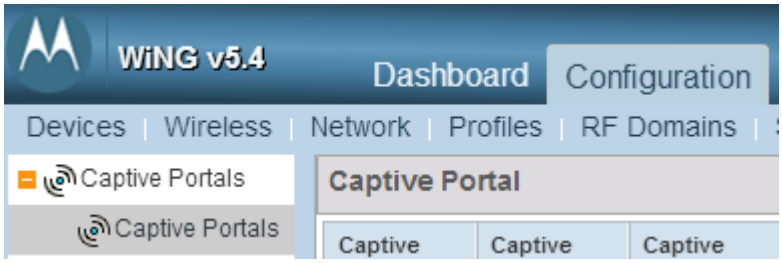
Motorola / Zebra (RFS based)

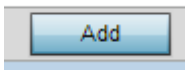
Modified on: Sun, 20 Sep, 2015 at 10:20 PM

NOTE: Before you begin, please ensure you have added your AP's Radio MAC's (as well as the normal AP MAC) to the portal "Hardware" screen, as these are required for authentication to work correctly.

Login to your RFS controller and click on **Configuration** at the top



On the left, click **Captive Portals** and choose **Add**



Configure with the below settings:

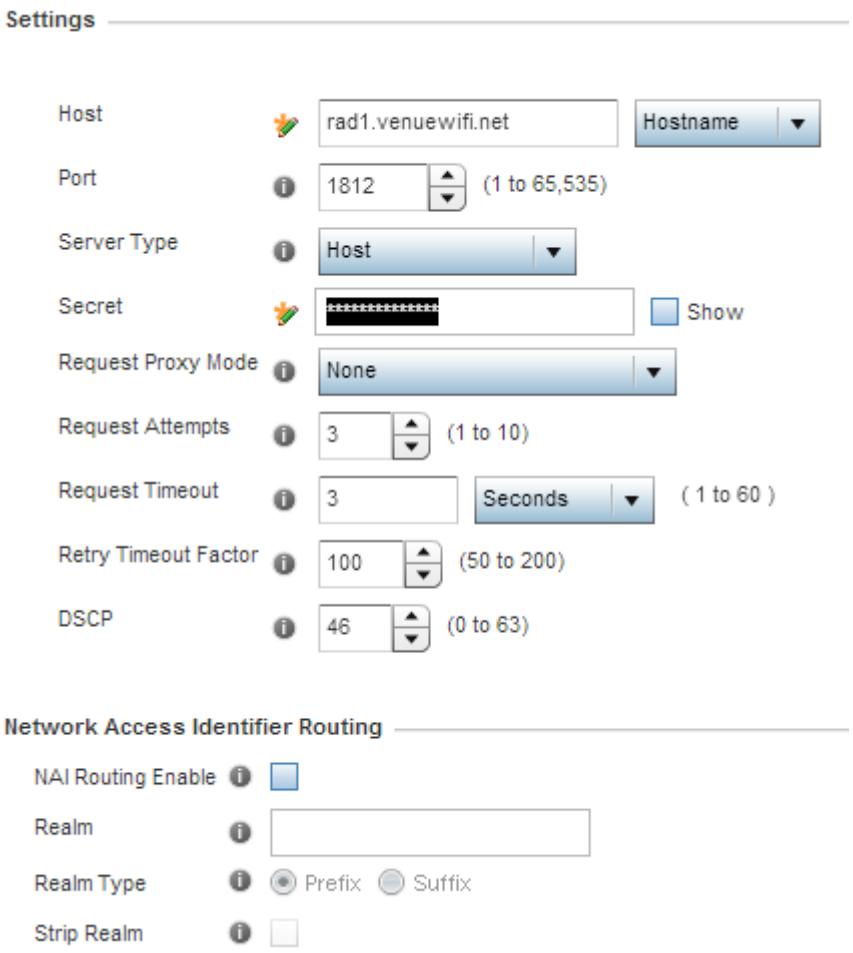
- **Captive Portal Server Mode**: Internal (Self)
- **Connection Mode**: HTTP
- **AAA Policy**: Click the **Add** icon and enter the name of **guestwifi** before clicking **Continue**

Next, on the RADIUS Authentication tab, click on **Add** and configure with:

- **Host**: *insert radius_server here*
- **Port**: 1812

- **Server Type**: Host
- **Secret**: *insert radius_secret here*

  Click **OK** to Add



Next, on the RADIUS Accounting tab, click on **Add** and configure with:

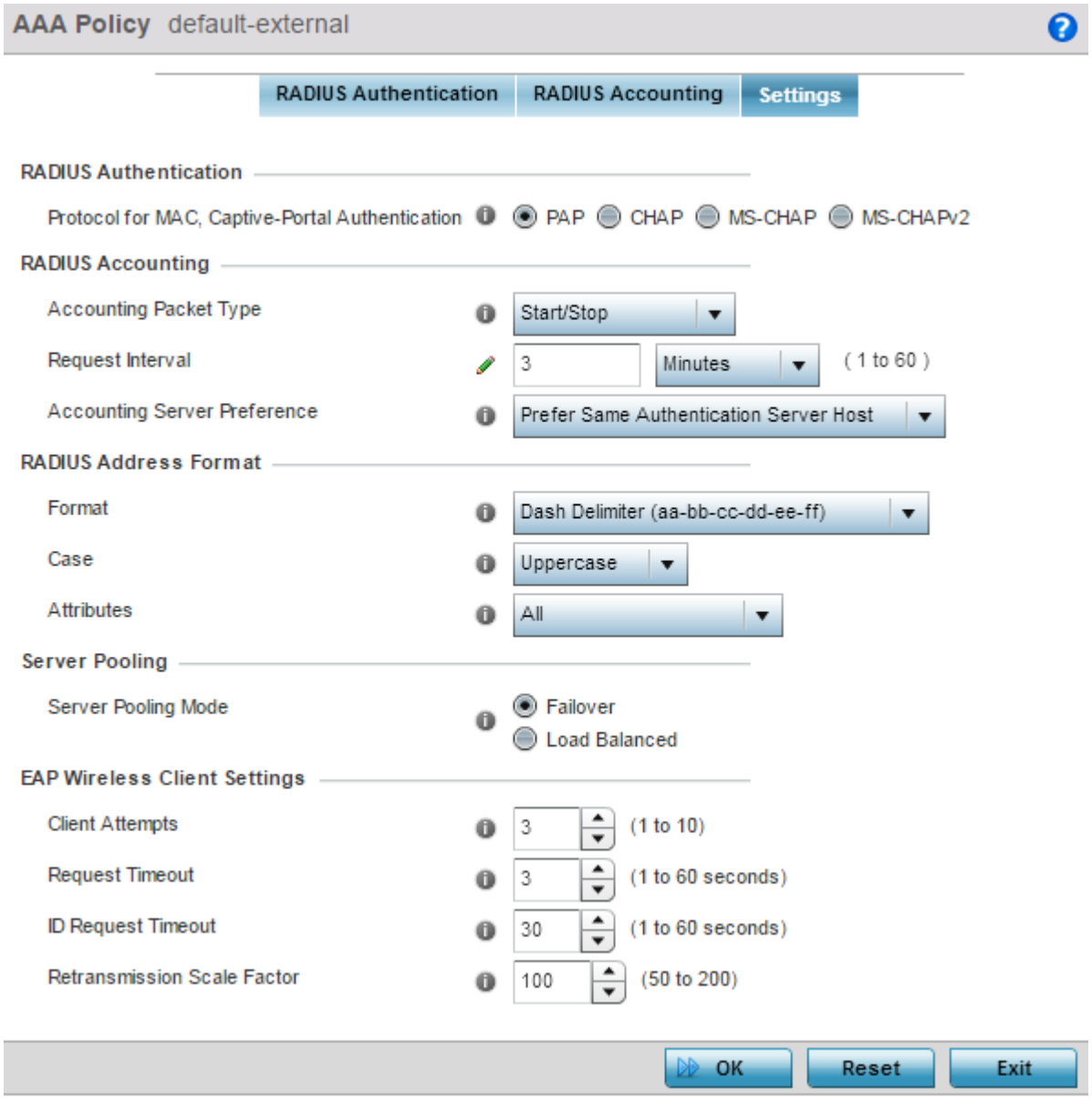
- **Host**: *insert radius_server here*
- **Port**: 1813
- **Server Type**: Host
- **Secret**: *insert radius_secret here*

  Click **OK** to Add

Next, on the **Settings** tab, configure with:

- **Protocol**: PAP
- **Accounting Packet Type**: Start/Stop
- **Request Interval**: 3 Minutes
- **Accounting Server Preference**: Prefer Same Authentication Server Host
- **Format**: Dash Delimiter
- **Case**: Uppercase

- **Attributes**: All



- **Access Type**: RADIUS Authentication
- **Client Access Time**: 1440
- **Inactivity Timeout**: 30
- **DNS Whitelist**: Click on the **Add** icon and enter a name of **guestwifi**

You will now need to add each of the below domains by clicking in to the DNS Entry column and typing in each domain, clicking **Add Row** after each one. E.g:

- **DNS Entry**: *insert access_domain here*

- **Type**: Hostname
- **Match Suffix**: Yes

Please add all the domains below in the same way:

www.google.com

www.google.co.uk

google-analytics.com

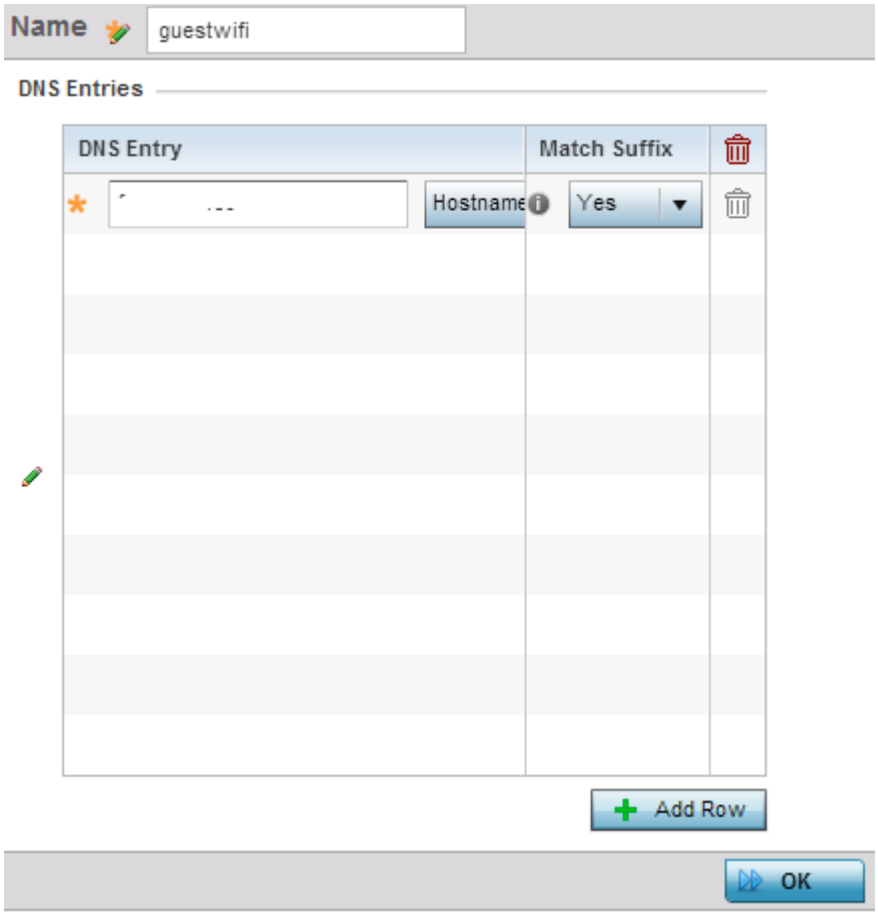
venuewifi.com

openweathermap.org

cloudfront.net

If you wish to support social network logins, you also need to add the domains below for each network you plan to support

Facebook	Twitter	LinkedIn	Google	Instagram
facebook.com		linkedin.com	googleusercontent.com	
fbcdn.net	twitter.com	licdn.net	googleapis.com	instagram.com
akamaihd.net	twimg.com	licdn.com	accounts.google.com	
connect.facebook.net			gstatic.com	



Click **OK** when finished adding all the domains.

- **Enable RADIUS Accounting**: Ticked

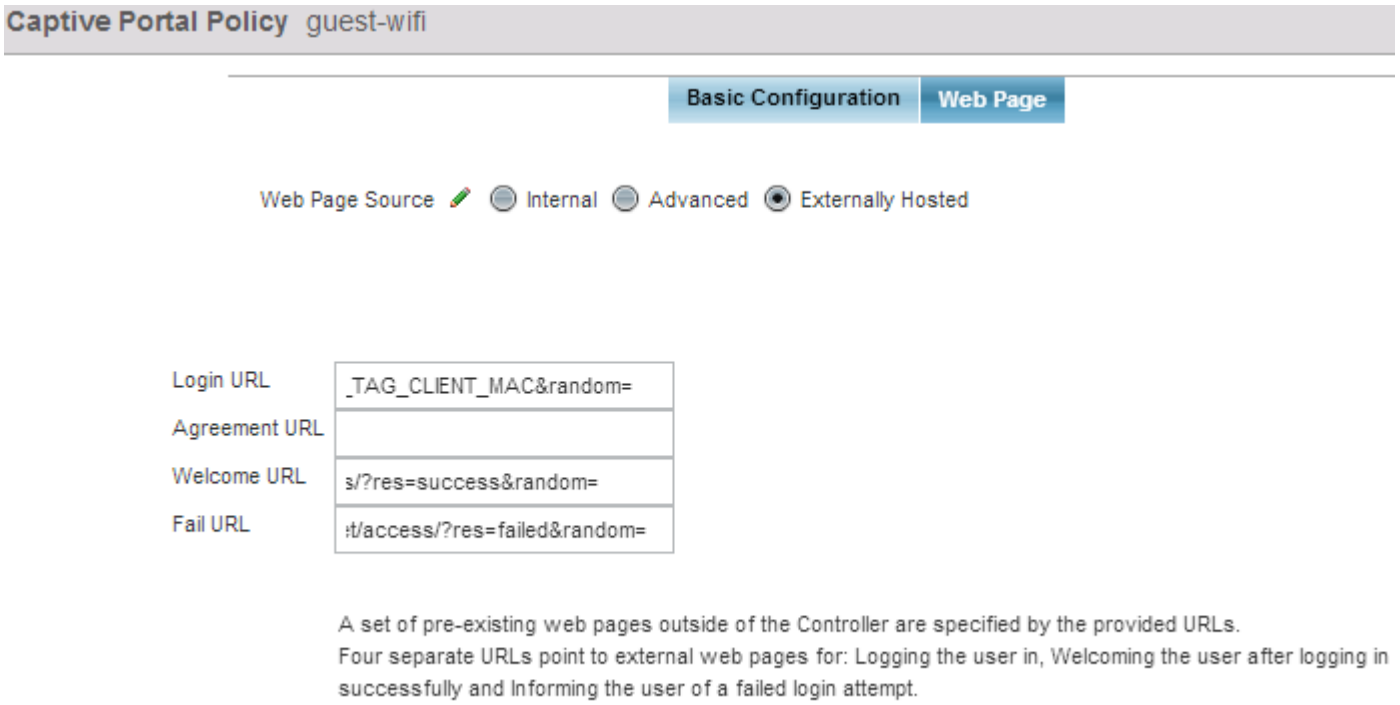
Press **OK** to Save

Next, click on the **Web Page** tab and configure with the following:

Web Page Source: Externally Hosted
Login URL: *insert access_url here*?login_ip=WING_TAG_CP_SERVER&motoapmac=WING_TAG_AP_MAC&client_mac=WING_TAG_CLIENT_MAC&random=

Welcome URL: *insert redirect_url here*&random=

Fail URL: *insert access_url here*?res=failed&random=



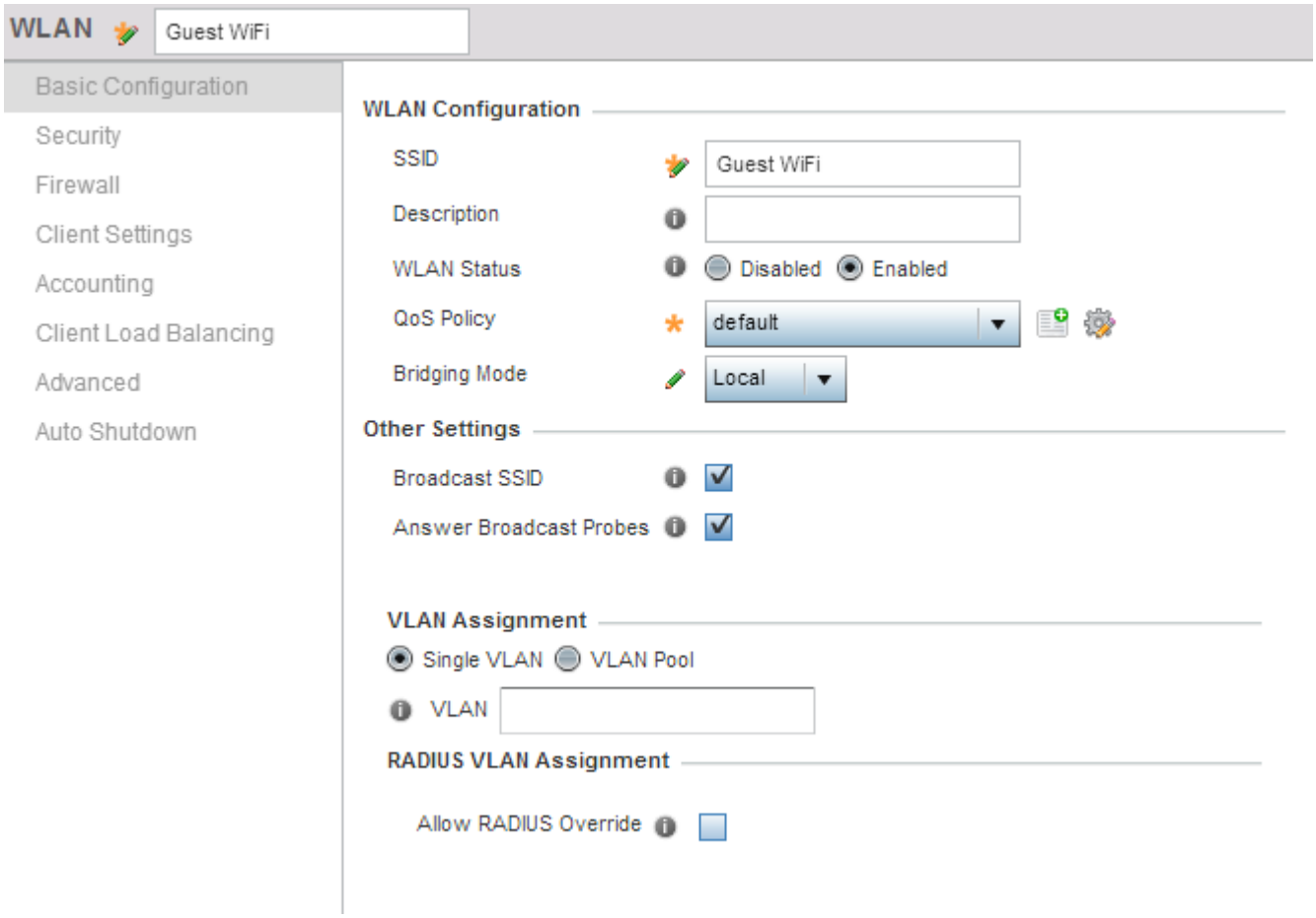
Click **OK** to Save

Next, click on **Configuration** at the top and choose the **Wireless** sub-tab underneath.

Click on **Add** and configure with the following:

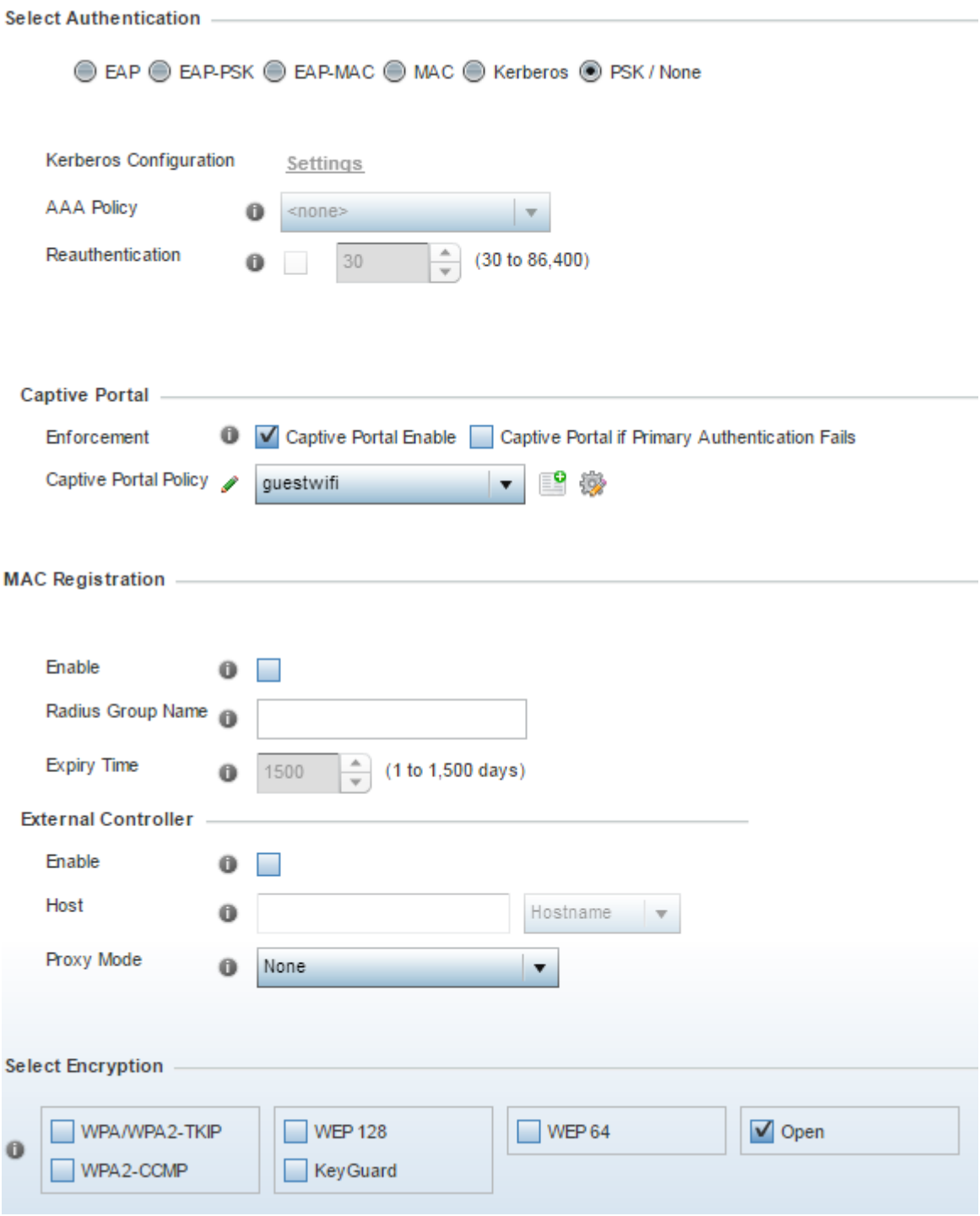
Basic Configuration

- **SSID**: Guest WiFi (or whatever you wish)
- **WLAN Status**: Enabled
- **Broadcast SSID**: Ticked



Security:

- **Authentication**: PSK / None
- **Captive Portal Enforcement**: Captive Portal Enable (Ticked)
- **Captive Portal Policy**: guestwifi
- **Select Encryption**: Open



Click **OK** to Save

At the top right, click on **Commit** and **Save**