

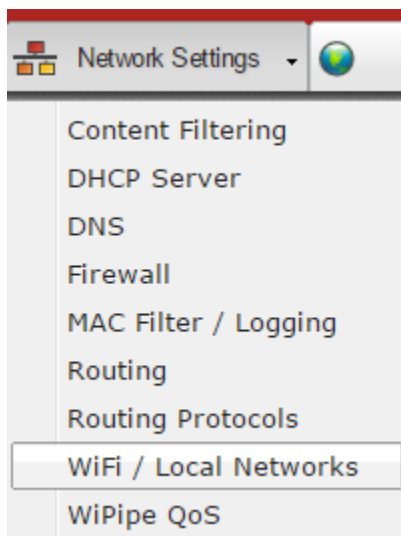
# Cradlepoint AER/CBR/IBR/MBR Series

Modified on: Wed, 4 Mar, 2015 at 3:52 PM

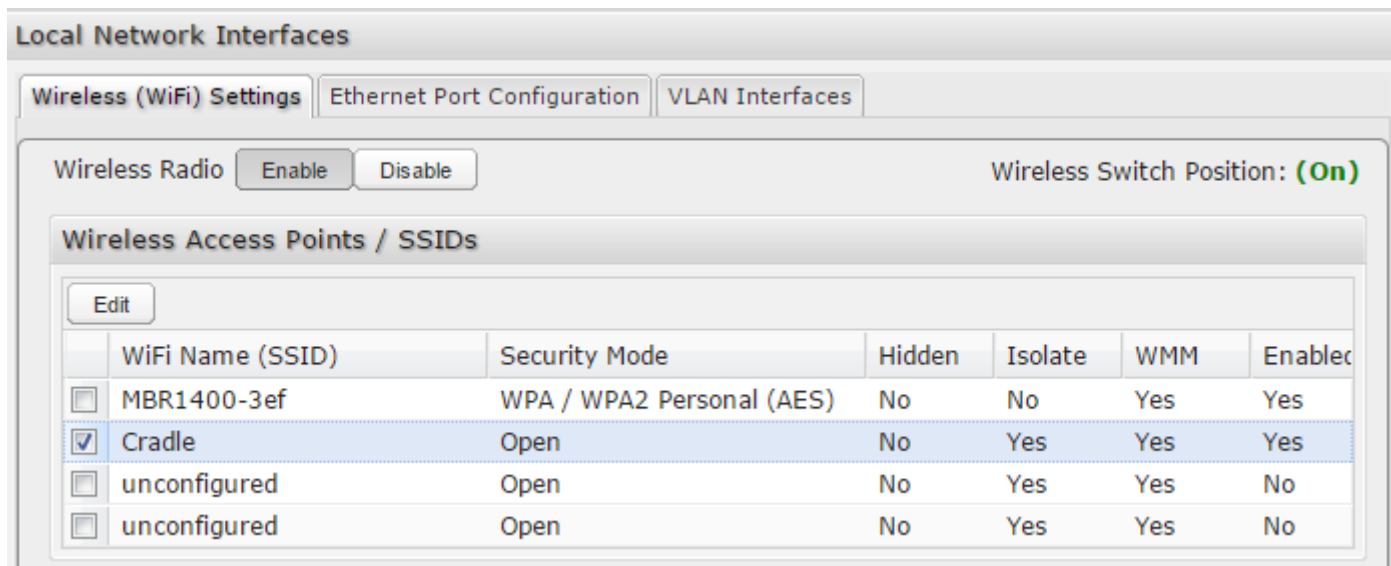
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Please log in to your Cradlepoint Router

At the top, click on **Network Settings** and choose **WiFi / Local Networks**



At the bottom of the page, select which Wireless Profile you wish to use and click **Edit**.



Configure with:

- **WiFi Name (SSID):** Guest WiFi (or whatever you wish)
- **Hidden:** Unticked

- **Isolate:** Ticked
- **WMM:** Ticked
- **Enabled:** Ticked
- **Security Mode:** Open

Wireless Network Editor

WiFi Name (SSID):

Hidden:

Isolate:

WMM:

Enabled:

Security Mode:

Click **Submit** to save

Next, on the same page, above the Wireless Profiles, tick the box beside the **Guest LAN** network and click **Edit**.

Configure with:

**IPv4 Settings tab:**

- **IPv4 Routing Mode:** Hotspot

**IPv6 Settings tab:**

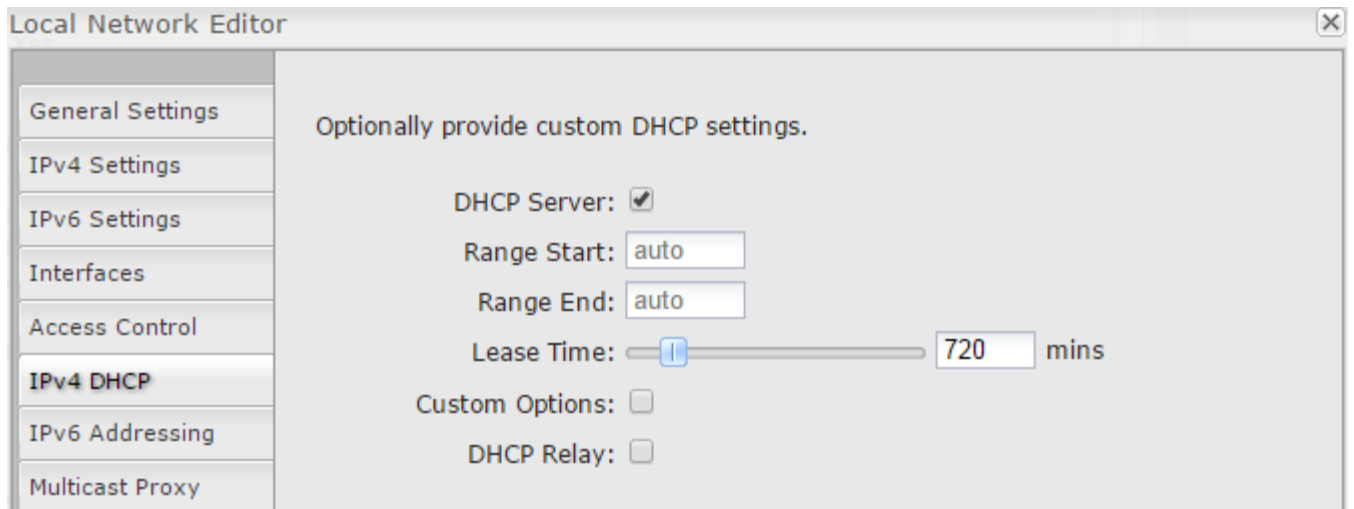
- **IPv6 Address Source:** None

**Interfaces tab:**

- **WiFi: Guest WiFi:** Click the + to move it to the Selected list

**IPv4 DHCP tab:**

- **DHCP Server:** Ticked



Click **Submit** to save

Next, click on **System Settings** at the top and choose **Hotspot Services**. Configure with:

Under **Hotspot Settings**:

- **Hotspot Mode:** RADIUS/UAM
- **Local IP Network:** Guest LAN
- **Allow Service on 3G/4G modems:** Ticked
- **Redirect HTTPS Requests:** Unticked
- **Hotspot/UAM Authentication Port:** 8000

Under **RADIUS Settings**:

- **Server Address 1:** \*insert radius\_server here\*
- **Server Address 2:** \*insert radius\_server2 here\*
- **Authentication Port:** 1812
- **Accounting Port:** 1813
- **Shared Secret:** \*insert radius\_secret here\*
- **Confirm Secret:** as above
- **Redirect Successful Authenticate:** Select **To an administrator-defined URL** and enter:  
\*insert redirect\_url here\*
- **Session Timeout:** 240 Mins
- **Idle Timeout:** 30 Mins
- **Bandwidth (upload):** 512 (or whatever you wish)
- **Bandwidth (download):** 1024 (or whatever you wish)

Under **UAM Settings**:

- **Login URL:** \*insert access\_url here\*
- **Splash Page URL:** leave empty
- **Shared Secret:** \*insert uam\_secret here\*
- **Confirm Secret:** as above

## Hotspot Settings

Hotspot Mode: **RADIUS/UAM**

Local IP Network: Guest LAN :: [Configure](#)

Allow Service on 3G/4G modems:

Disable Service if Ethernet  
Threshold is met:

Redirect HTTPS Requests:

Hotspot/UAM Authentication  
Port:  8000

## RADIUS Settings

Server Address 1:

Server Address 2:

Authentication Port:

Accounting Port:

Server Timeout:  5 Secs

Server Retries:  3 Retries

Shared Secret:

Confirm Secret:

Redirection On Successful  
Authentication: **To an administrator-defined URL.**

Session Timeout:  240 Mins (0 = Disabled)

Idle Timeout:  30 Mins (0 = Disabled)

Bandwidth (upload):  512 Kbits/sec (0 = No Limit)

Bandwidth (download):  1024 Kbits/sec (0 = No Limit)

## UAM Settings

Login URL:

Splash Page URL:

Shared Secret:

Confirm Secret:

NAS/Gateway ID:

Next, under **Allowed Hosts/Domains Prior to Authentication** click the **Add** button and add each of the following entries:

\*.\*insert access\_domain here\*

www.google.com  
 www.google.co.uk  
 \*.google-analytics.com  
 \*.venuewifi.com  
 \*.openweathermap.org  
 \*.cloudfront.net

Add New Host Name

To allow a *host*, add its **hostname** or **IP address**, i.e.  
**www.company.com**.  
 To allow a *domain* or *sub-domain* use a wildcard, i.e. **\*.company.com**.

Host:

Submit

**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			*.googleusercontent.com	
*.fbcdn.net	*.twitter.com	*.linkedin.com	*.googleapis.com	*.instagram.com
*.akamaihd.net	*.twimg.com	*.licdn.net	*.accounts.google.com	
*.connect.facebook.net		*.licdn.com	*.gstatic.com	

Click **Apply** to Save