

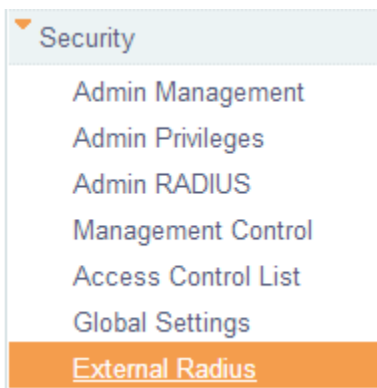
Xirrus

Modified on: Fri, 6 Feb, 2015 at 2:29 PM

IMPORTANT NOTICE: Your device must be running AOS 7.1 firmware or above to continue.

Open a web browser and log in to your Xirrus Array web interface.

Click on "**Security**" on the left menu and select "**External Radius**" on the sub menu.



Under **RADIUS Attribute Formatting**:

- **Called-Station-Id Attribute Format:** Ethernet-MAC
- **Station MAC Format:** UC-hyphenated (XX-XX-XX-XX-XX-XX)
- **Accounting:** On

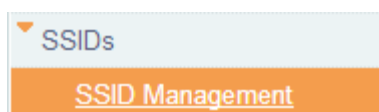
Under **Accounting**:

- **Accounting Interval:** 300

RADIUS Attribute Formatting	
Called-Station-Id Attribute Format:	<input type="radio"/> BSSID <input type="radio"/> BSSID:SSID <input checked="" type="radio"/> Ethernet-MAC
Station MAC Format:	<input type="radio"/> lower-case [xxx-xx-xx] <input type="radio"/> UPPER-case [XX-XX-XX] <input type="radio"/> lc-hyphenated [xx-xx-xx] <input checked="" type="radio"/> UC-hyphenated [XX-XX-XX]
Accounting:	<input type="radio"/> Off
Accounting	
RADIUS Attribute Formatting	
Called-Station-Id Attribute Format:	<input type="radio"/> BSSID <input type="radio"/> BSSID:SSID <input checked="" type="radio"/> Ethernet-MAC
Station MAC Format:	<input type="radio"/> lower-case [xxx-xx-xx] <input type="radio"/> UPPER-case [XX-XX-XX] <input type="radio"/> lc-hyphenated [xx-xx-xx] <input checked="" type="radio"/> UC-hyphenated [XX-XX-XX]
Accounting:	<input type="radio"/> Off
Accounting	
Accounting Interval (seconds):	<input type="text" value="300"/>

Click **Save changes to flash** at the top right of the page.

Next, click on **SSIDs** on the left and then **SSID Management** on the sub menu.



Underneath the current SSID's, enter **Guest WiFi** and click on **Create**

This will create the new SSID. You now have access to the following settings. Please set the following:

- **SSID:** Ticked
- **Brdest:** Ticked
- **Encryption:** None/Open and untick the **Global** checkbox
- **WPR:** Ticked

SSID	Enabled	Brdst	Band	VLAN ID / Number	QoS	DHCP Pool	Filter List	Encryption / Authentication / Global	Xirrus Roaming	WPR	Fallback	Mobile Device Management
Guest WiFi	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Both	(none)	2	(none)	(none)	None / Open	L2	<input checked="" type="checkbox"/>	None	None

Next, scroll down the page and under **SSID Guest WiFi Web Page Redirection Configuration**, set the following:

Landing Page URL: *insert redirect_url here*

Server: External Login

Redirect URL: *insert access_url here*

Redirect Secret: *insert uam_secret here*

SSID Guest WiFi Web Page Redirect Configuration			
Landing Page URL:	<input type="text" value="http://.../access/?res=su"/>	Server:	<input type="radio"/> Internal Splash
Background Image:	<input type="text" value="page_bg.jpg"/>		<input type="radio"/> Internal Login
Logo Image:	<input type="text" value="xirrus_logo.gif"/>		<input checked="" type="radio"/> External Login
Header Text File:	<input type="text"/>		<input type="radio"/> External Splash
Footer Text File:	<input type="text"/>		<input type="radio"/> Landing Page Only
		Timeout (seconds):	<input type="text"/> <input checked="" type="checkbox"/> Never
		RADIUS Authentication Type:	<input type="radio"/> PAP <input checked="" type="radio"/> CHAP
		HTTPS:	<input checked="" type="radio"/> On <input type="radio"/> Off
		Redirect URL:	<input type="text" value="http://..."/>
		Redirect Secret:	<input type="text" value="....."/>

Next, under **SSID Guest WiFi WPR Whitelist Configuration**:

IMPORTANT: You will need to add the below entries one by one until you have them all listed.

*.*insert access_domain here*

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			*.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	

SSID Guest WiFi WPR Whitelist Configuration

Name

Next, under **SSID Guest WiFi Authentication Service Configuration**:

Enter the following information:

- **Authentication Server:** External Radius

Under Primary:

- **Host / IP Address:** *insert radius_server here*
- **Port:** 1812
- **Shared Secret:** *insert radius_secret here*
- **Verify Secret:** as above

Under Secondary:

- **Host / IP Address:** *insert radius_server2 here*
- **Port:** 1812
- **Shared Secret:** *insert radius_secret here*
- **Verify Secret:** as above
- **Accounting:** ticked

Under Primary:

- **Host / IP Address:** *insert radius_server here*
- **Port:** 1813
- **Shared Secret:** *insert radius_secret here*
- **Verify Secret:** as above

Under Secondary:

- **Host / IP Address:** *insert radius_server2 here*
- **Port:** 1813
- **Shared Secret:** *insert radius_secret here*
- **Verify Secret:** as above

SSID Guest WiFi Authentication Service Configuration

Authentication Server:	<input type="radio"/> Active Directory			
	<input type="radio"/> Internal Radius			
	<input checked="" type="radio"/> External Radius			
		Host / IP Address	Port	Shared Secret
	Primary:	<input type="text" value="192.168.1.100"/>	<input type="text" value="1812"/>	<input type="text" value="*****"/>
	Secondary:	<input type="text" value="192.168.1.101"/>	<input type="text" value="1812"/>	<input type="text" value="*****"/>
	Timeout (seconds):	<input type="text" value="600"/>		
	<input checked="" type="checkbox"/> Accounting	Host / IP Address	Port	Shared Secret
		<input type="text" value="192.168.1.100"/>	<input type="text" value="1813"/>	<input type="text" value="*****"/>
		<input type="text" value="192.168.1.101"/>	<input type="text" value="1813"/>	<input type="text" value="*****"/>
	Interval (seconds):	<input type="text" value="300"/>		

Click **Save changes to flash** at the top right of the page.

Save changes to flash