

Avaya

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IMPORTANT NOTICE: Your device must be running 7.0 firmware or above to continue.

Open a web browser and log in to your Avaya AP web interface.

The Avaya logo is displayed in a bold, red, sans-serif font.

LOGIN

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 [xx:xx:xx:xx:xx:xx] <input type="radio"/> UPPER-case [XX:XX:XX:XX:XX:XX] <input type="radio"/> lc-hyphenated [xx-xx-xx-xx-xx-xx] <input checked="" type="radio"/> UC-hyphenated [XX-XX-XX-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**

<input type="text" value="Guest WiFi"/>	<input type="button" value="↻"/>	<input type="button" value="Create"/>
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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	Brdcst	Band	VLAN ID / Number	QoS	DHCP
Guest WiFi	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Both	(none)	0	(n)

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	Timeout (seconds):	<input type="text" value=""/>	<input checked="" type="checkbox"/> New
Background Image:	<input type="text" value="page_bg.jpg"/>		<input type="radio"/> Internal Login	RADIUS Authentication Type:	<input type="radio"/> PAP	<input checked="" type="radio"/> CHAP
Logo Image:	<input type="text" value="avaya_logo.gif"/>		<input checked="" type="radio"/> External Login	HTTPS:	<input checked="" type="radio"/> On	<input type="radio"/> Off
Header Text File:	<input type="text" value=""/>		<input type="radio"/> External Splash	Redirect URL:	<input type="text" value="http://;"/>	
Footer Text File:	<input type="text" value=""/>		<input type="radio"/> Landing Page Only	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		*.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	

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
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- **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:
- Active Directory
 - Internal Radius
 - External Radius

	Host / IP Address	Port	Shared Secret
Primary:	<input type="text"/>	<input type="text" value="1812"/>	<input type="text" value="....."/>
Secondary:	<input type="text"/>	<input type="text" value="1812"/>	<input type="text" value="....."/>
Timeout (seconds):	<input type="text" value="600"/>		

- Accounting

	Host / IP Address	Port	Shared Secret
Primary:	<input type="text"/>	<input type="text" value="1813"/>	<input type="text" value="....."/>
Secondary:	<input type="text"/>	<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

