

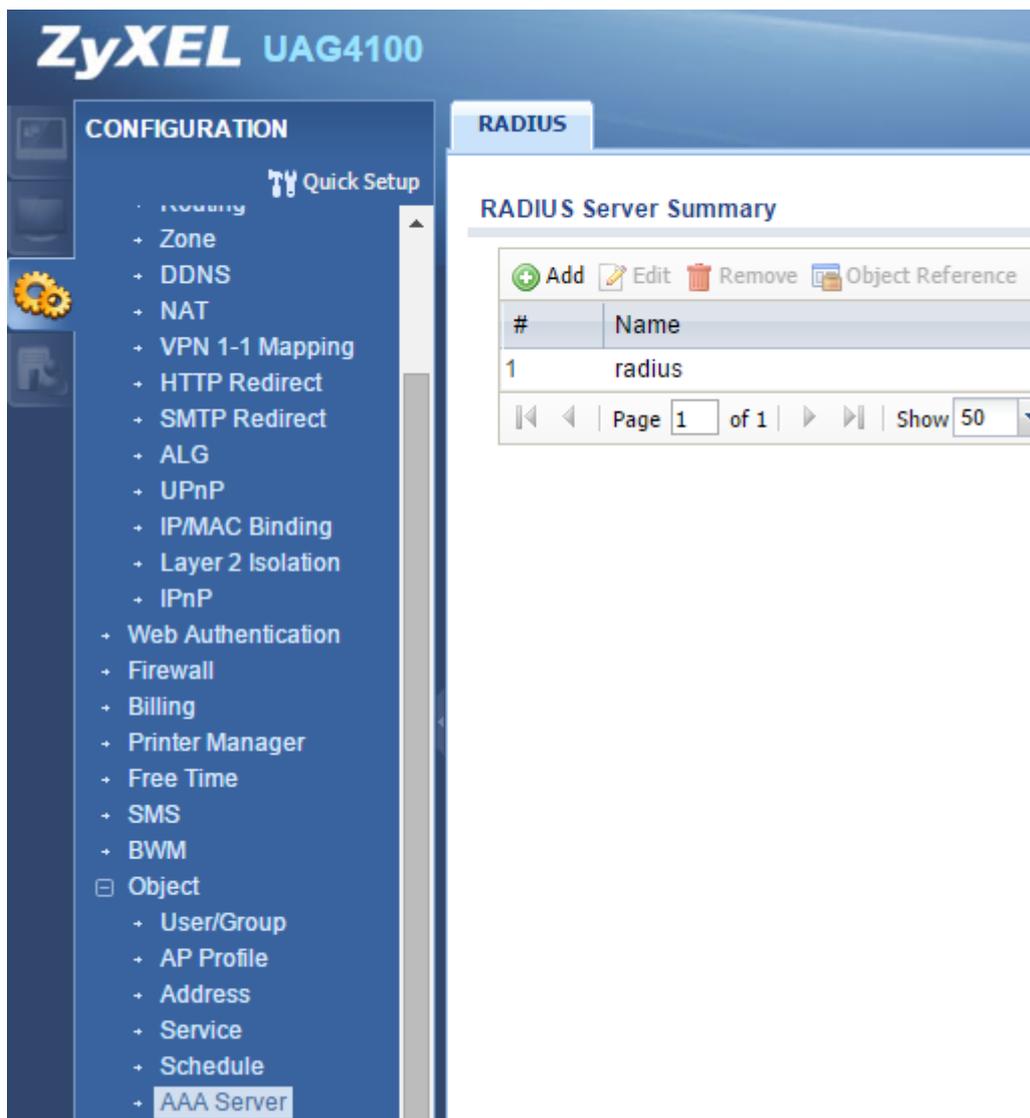
ZyXEL UAG

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IMPORTANT: You need firmware version 4.10 or above to continue.

Log in to the UAG web interface at <http://172.16.0.1> (default IP) - Username: admin, Password: 1234 (defaults)

On the left, click on **Configuration** and choose **Object > AAA Server**



The screenshot displays the ZyXEL UAG4100 web interface. On the left, the 'CONFIGURATION' menu is expanded to show 'Object > AAA Server'. The main content area shows the 'RADIUS' tab with a 'RADIUS Server Summary' table. The table contains one entry with ID 1 and name 'radius'. Below the table is a pagination control showing 'Page 1 of 1' and 'Show 50'.

#	Name
1	radius

Click on **Add** and enter the following information:

Name: guestwifi

Authentication Server Settings

- **Server Address:** *insert radius_server here*
- **Authentication Port:** 1812
- **Backup Server Address:** *insert radius_server2 here*
- **Backup Authentication Port:** 1812
- **Key:** *insert radius_secret here*

Accounting Server Settings

- **Server Address:** *insert radius_server here*
- **Accounting Port:** 1813
- **Backup Server Address:** *insert radius_server2 here*
- **Backup Accounting Port:** 1813
- **Key:** *insert radius_secret here*
- **Enable Accounting Interim update:** Ticked
- **Interim Interval:** 3 minutes

Add RADIUS

General Settings

Name:

Description: (Optional)

Authentication Server Settings

Server Address: (IP or FQDN)

Authentication Port: (1-65535)

Backup Server Address: (IP or FQDN)Optional

Backup Authentication Port: (1-65535)Optional

Key:

Accounting Server Settings

Server Address: (IP or FQDN) (Optional)

Accounting Port: (1-65535) (Optional)

Backup Server Address: (IP or FQDN) (Optional)

Backup Accounting Port: (1-65535) (Optional)

Key:

Maximum retry count: (1~10)

Enable Accounting Interim update

Interim Interval: (1-1440 minutes)

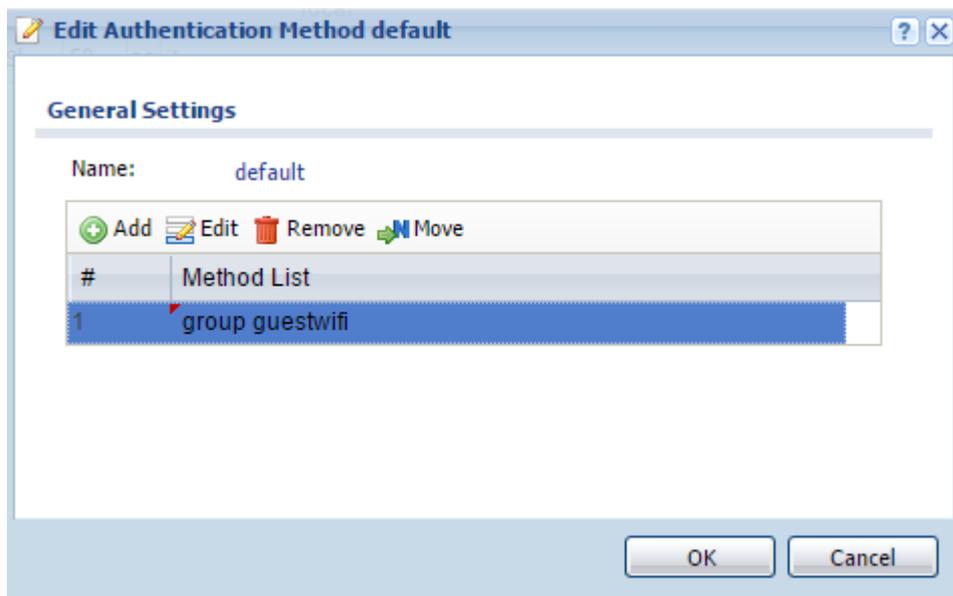
General Server Settings

OK Cancel

Click **OK** to Save

Next, go to **Object > Auth Method** on the left and then click on **Edit** on the **default** item in the list.

Click on the first entry in the **Method List** and change it to **group guestwifi**



Click **OK** to save.

Next, click on **Web Authentication** on the left and configure with the following details:

Type: Web Portal

Select **External Web Portal** and enter:

- **Login URL:** *insert access_url here*
- **Logout URL:** *insert access_url here*
- **Welcome URL:** *insert redirect_url here*
- **Error URL:** *insert access_url here*?res=failed

Web Authentication | Walled Garden | Advertisement

Web Authentication Type

Type: None Web Portal User Agreement

General Settings

Logout IP: i

Enable Terms of Service i

Internal Web Portal

Welcome URL: (Optional)

Preview:

File Name:

File Path:

Restore File to Default:

[Download](#) the internal web portal terms of service example.

External Web Portal

Login URL:

Logout URL: (Optional)

Welcome URL: (Optional)

Session URL: (Optional)

Error URL: (Optional)

[Download](#) the external web portal example.

Click **Apply** to Save

Now, click on the **Walled Garden** tab and then tick the box to **Enable Walled Garden**

Click on the **Domain IP/Base** sub-tab and click on **Add**. You will need to add the list of walled garden entries below one by one, clicking **OK** and **Add** each time:

*.*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	*.google.com	
*.facebook.net		*.licdn.com	*.gstatic.com	

For example:

- **Name:** enter anything you wish
- **Type:** Domain
- **Domain Name:** *.*insert access_domain here*



Once finished, you should have all entries listed.

Next, under **Object** on the left, choose **AP Profile** and click on the **SSID** tab.

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

- **Profile Name:** guestwifi
- **SSID:** Guest WiFi (or whatever you wish)
- **VLAN Support:** Off
- **Outgoing Interface:** lan2

Add SSID Profile

Create new Object ▾

Profile Name:

SSID:

Security Profile: ▾

MAC Filtering Profile: ▾

QoS: ▾

VLAN ID: (1~4094)

Hidden SSID

Enable Intra-BSS Traffic blocking

Local VAP Setting

VLAN Support: On Off

Outgoing Interface: ▾

OK Cancel

Click **OK** to Save

Next, go back to the **Radio** tab and click on **Add**. Configure with the below settings:

- **Activate:** Ticked
- **Profile Name:** guestwifi
- **802.11 Band:** 2.4G

Under MBSSID Settings, click on the first item in the list and choose **guestwifi**

Add Radio Profile

Show Advanced Settings Create new Object

General Settings

Activate

Profile Name:

802.11 Band:

Mode:

Channel:

Schedule:

MBSSID Settings

#	SSID Profile
1	guestwifi
2	disable
3	disable
4	disable
5	...

Click **OK** to Save and click on **Add** again to add another radio profile:

- **Activate:** Ticked
- **Profile Name:** guestwifi2
- **802.11 Band:** 5G

Under MBSSID Settings, click on the first item in the list and choose **guestwifi**

Add Radio Profile

Show Advanced Settings Create new Object

General Settings

Activate

Profile Name:

802.11 Band:

Mode:

Channel:

Schedule:

MBSSID Settings

Edit

#	SSID Profile
1	guestwifi
2	disable
3	disable
4	disable
5	...

Click **OK** to Save

Finally, under **Wireless > AP Management** on the left and click on the first item in the list and **Edit**

Configure with the below settings:

- **Radio 1 Profile:** guestwifi
- **Radio 2 Profile:** guestwifi2

Edit AP List [?] [X]

Create new Object ▾

Configuration

MAC:	B0:B2:DC:6F:56:28
Model:	UAG4100
Description:	Local-AP
Radio 1 OP Mode	AP Mode
Radio 1 Profile:	guestwifi ▾
Radio 2 OP Mode	AP Mode
Radio 2 Profile:	guestwifi2 ▾

OK Cancel

Click **OK** to Save
