

Nomadix Access Gateway

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Login to your Nomadix Access Gateway

On the left, under **Configuration**, choose **AAA**. Configure with the following:

- **AAA Services:** Enable (ticked)
- **Internal Web Server:** Enabled (ticked)
- **SSL Support:** Disabled (unticked)
- **Encrype only Sensitive Data:** Disabled (unticked)
- **Portal Page:** Enable (ticked)
- **Portal Page URL:** *insert access_url here*
- **Parameter Passing:** Enable (ticked)
- **Parameter Signing Method:** None
- **Parameter Signing Parameters:** Enable (tick) the following: **UI, MA, PORT, SIP**
- **Usernames:** Enable (ticked)
- **New Subscribers:** Disable (unticked)
- **Credit Card Service:** Disabled (unticked)

AAA Services

Enable

Select one of the following:

Internal Web Server

SSL Support Enable

Encrypt only Sensitive Data Enable

Note:To enable, make sure your license includes SSL support and you have all the certificate files on the flash.

Certificate DNS Name

Portal Page Enable

Portal Page URL

Parameter Passing Enable

Parameter Signing

Method None HASH-CRC32 HMAC-MD5

Parameters UI MA RN PORT SIP

Set Shared Secret (write-only)

Manual Passthrough Address Enable

Portal XML POST URL

Portal XML Post Port

Supports GIS Clients Yes

Block IWS Login Page Yes

Usenames Enable

Click **Submit** to Save

Next, on the left choose **RADIUS Proxy**. On this page, click the link at the bottom named **Click here to configure RADIUS service profiles**.

RADIUS Proxy Settings

RADIUS Proxy Services: Enable

Authentication Server Port:

Local port for communicating with home servers:

No upstream NASs are defined.

Click here to add a new Upstream RADIUS NAS.

[Click here to see configured RADIUS service profiles and Realm Routing Policies](#)

Under **RADIUS Service Profiles** click the **Add** button. Configure with:

- **Name:** guestwifi
- **Enable RADIUS Authentication Service:** Enabled (ticked)
- **Protocol:** PAP
- **Primary IP/DNS:** *insert radius_server here* / **Port:** 1812 / **Secret Key:** *insert radius_secret here*
- **Primary IP/DNS:** *insert radius_server2 here* / **Port:** 1812 / **Secret Key:** *insert radius_secret here*
- **Enable RADIUS Accounting Service:** Enabled (ticked)
- **Primary IP/DNS:** *insert radius_server here* / **Port:** 1813 / **Secret Key:** *insert radius_secret here*
- **Primary IP/DNS:** *insert radius_server2 here* / **Port:** 1813 / **Secret Key:** *insert radius_secret here*
- **Retransmission Delay:** 3 (seconds)
- **Retransmission Attempts:** 5 (per server)

Add RADIUS Service Profile

Unique Name:

Authentication

Enable RADIUS Authentication Service

Protocol:

Primary IP / DNS:	<input type="text" value="192.168.1.100"/>	Port:	<input type="text" value="1812"/>	Secret Key:	<input type="text" value="*****"/>
Secondary IP / DNS:	<input type="text" value="192.168.1.101"/>	Port:	<input type="text" value="1812"/>	Secret Key:	<input type="text" value="*****"/>

Accounting

Enable RADIUS Accounting Service

Primary IP / DNS:	<input type="text" value="192.168.1.100"/>	Port:	<input type="text" value="1813"/>	Secret Key:	<input type="text" value="*****"/>
Secondary IP / DNS:	<input type="text" value="192.168.1.101"/>	Port:	<input type="text" value="1813"/>	Secret Key:	<input type="text" value="*****"/>

Retransmission Options

Retransmission Method: Failover Round-Robin

Retransmission Delay: (seconds)

Retransmission Attempts: (per server)

[Back to Main RADIUS Routing Settings page](#)

Click **Submit** to Save and the page will refresh.

Next, on the left choose **RADIUS Client**. Configure with:

- **Default RADIUS Mode:** Fixed
- **Default RADIUS Service Profile:** guestwifi
- **Default User Idle Timeout:** 3600 (seconds)
- **Send NAS Identifier:** Enabled (ticked)
- **Send NAS IP:** Enabled (ticked)
- **Send Framed IP:** Enabled (ticked)

RADIUS Client Settings

Server Selection and Communication

Default RADIUS Mode: Disabled Realm-Based Fixed

Default RADIUS Service Profile:

Reboot required to put changes of the following two parameters into effect.

Local Authentication Port (0 means port number will be selected dynamically)

Local Accounting Port (0 means port number will be selected dynamically)

Later login supersedes previous

Miscellaneous Options

Default User Idle Timeout: (sec)

User Login Retry Timeout: (sec)

Enable Automatic Subscriber Reauthentication

Enable URL Redirection

Send NAS identifier

NAS identifier:

Send NAS IP

Send NAS Port type

NAS Port Type:

Send Framed IP

Click **Submit** to Save

Next, on the left choose **Passthrough Addresses**. Configure with:

- **Passthrough Addresses:** Enable (ticked)

Click **Submit** to Save.

Finally, you need to add the below passthrough entries one by one until you have them all listed.

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	

Passthrough Address Settings

Passthrough Addresses Enable

Submit

Please enter either an IP address or a DNS name and click on one of the buttons.
Up to 300 Passthrough Addresses can be entered.

IP/DNS Name:

Add

Once you have added the entries, you are finished!