

Nomadix™ Gateway Setup for CerebusServer™

This document describes certain settings necessary for your Nomadix to work successfully with CerebusServer™.

It is by no means a replacement for the Nomadix™ manual and only touches on certain critical setup areas.

Requirements:

The Nomadix™ must be already setup with its license key.

Please note:

The Nomadix™ does not need a static or public IP address.

In case that your Nomadix™ is behind a firewall, please read our documentation on how to setup your firewall.

Setting Up: Configuration → AAA

AAA Services	Enabled
XML Interface	Enabled
XML SERVER 1 IP	66.8.29.243
Print Billing Command	Disabled
AAA Passthrough Port	Disabled
802.1X Authentication Support	Disabled
OS Parameter Encoding	Enabled
Web Server Selection	Internal Web Server
SSL Support	Optional
Portal Page	https://secure.cerebusserver.co.za/portal.php
Parameter Passing	Enabled
Portal XML POST URL	http://secure.cerebusserver.co.za/radius_server.php
Portal XML POST Port	80
Supports GIS Clients	Enabled
Block IWS Login Page	Enabled
Usernames	Disabled
New Subscribers	Disabled
Credit Card Service	Disabled
Smart Client Support	Enabled

Setting Up: Configuration → Realm Based Routing → Radius Service Profiles

Unique Name	CerebusServer
Enable Radius Authentication Service	Enabled
Authentication Primary IP	66.8.29.243
Authentication Port	1812
Authentication Secret Key	c33kr1t
Enable Radius Accounting Service	Enabled
Accounting Primary IP	66.8.29.243
Accounting Port	1813
Accounting Secret Key	c33kr1t
Retransmission Method	Round-Robin
Retransmission Frequency	2 (seconds)
Retransmission Attempts	3 (per server)

Setting Up: Configuration → Radius Client

Routing Mode	Fixed
Default RADIUS Service Profile	CerebusServer
Default User Idle Timeout	300
Enable Automatic Subscriber Reauthentication	Disabled *
Enable URL Redirection	Disabled
Send NAS identifier	Enabled
NAS identifier	Nomadix Unique ID **
Send NAS IP	Enabled
Send NAS Port Type	Disabled
Send Framed IP	Enabled
Enable Session-Terminate-End-Of-Day When Authorized	Disabled
Enable Byte Count Reset On Account Start	Enabled
Enable Radius Subnet Attribute	Disabled
Enable Goodbye URL	Disabled ***
Enable Forgot Your Password	Disabled
Enable WAN 802.1q Attribute	Disabled

* Enabled if using a Custom URL after redirection. Leave disabled if in doubt.

** Find the 6 digit Unique ID under Configuration → Summary

*** Enabled if using Goodbye URL with CerebusServer marketing