

Adding and Editing a Device in NMIS8

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Introduction

Adding and editing a device in NMIS8 is very easy, there are only three things which MUST be included, these are a name for the node (this does not need to be IP/DNS resolvable), a hostname or IP address for the device (this does need to be IP/DNS resolvable) and you need to provide an SNMP community string. You can basically use defaults for everything else.

Managing Devices in NMIS8

To manage devices in NMIS access the menu option "System -> System Configuration -> Nodes (devices)".

This will display a list of devices already being managed by NMIS. You can view, add, edit, delete devices from this menu.

The screenshot shows the NMIS 8.3.12G interface. The top navigation bar includes 'Network Status', 'Network Performance', 'Network Tools', 'Reports', 'Service Desk', 'System', 'Quick Select', and 'Help'. The 'System' menu is open, showing options like 'System Configuration', 'Configuration Check', 'Host Diagnostics', 'Access', 'Contacts', 'Escalations', 'IFTypes', 'Locations', 'Logs', 'NMIS Configuration', 'Node Configuration', 'Nodes (devices)', 'Models', 'Portal', 'PrivMap', 'Services', and 'Users'. The 'Nodes (devices)' option is highlighted. Below the menu, a table lists existing nodes with columns: Name, Name/IP Address, Group, Select Model, Active, Ping, Collect, and CBQoS. The table contains several rows of data. To the right of the table, a dropdown menu is open, showing 'Add', 'Edit', and 'Delete' options. The 'Add' and 'Edit' options are highlighted with red boxes. Two callout boxes provide instructions: 'Select "add" to add a device. This will only be visible if you are authorised.' and 'Selecting "edit" will bring the same screen as "add" but all existing properties available.'

Name	Name/IP Address	Group	Select Model	Active	Ping	Collect	CBQoS
boston-lin1	192.168.1.2	Opmantek-Boston	automatic	true	true	true	none
boston-mail1	nmisdev.dev.opmantek.co	Opmantek-Boston	automatic	true	false	true	none
boston-r1	192.168.1.254	Opmantek-Boston	automatic	true	true	true	both
boston-r2	192.168.1.254	Opmantek-Boston	automatic	true	true	true	both
boston-s1	192.168.1.253	Opmantek-Boston	automatic	true	true	true	none
boston-win1	192.168.1.4	Opmantek-Boston	automatic	true	true	true	none
brisbane-lin1	192.168.1.11	Opmantek-Brisbane	automatic	true	true	true	none

Adding or Editing a Node in NMIS8

After you have clicked add or edit, you will get a screen like this (the nodes panel will be a long panel).

At a minimum you will need to enter the name and IP address and an SNMP community string.

Nodes (devices) Mon 12:50

Table Nodes

Name	<input type="text"/>
Name/IP Address	<input type="text"/>
Group	Opmantek-Boston
Select Model	automatic
Active	true
Ping	true
Collect	true
CBQoS	none
Modem Calls	false
Threshold	true
Rancld	false
Web Server	false
Net Type	wan
Role Type	core

1. Complete the node properties, selecting or entering the required information.

2. Optionally complete the Depend and Services properties.

3. Select the SNMP Version, if using snmpv1 or snmpv2c only a community string is required. For snmpv3 many properties are required.

4. If changing the node, select "Add/Edit and Update Node" to finish. Select add if you will update later.

Depend	N/A boston-lin1 boston-mail1 boston-r1 boston-r2 boston-s1
Services	dns http http_server mysqld_daemon pop3
Time Zone	0
SNMP Version	snmpv2c
SNMP Community	<input type="text"/>
SNMP Port	161
SNMP Username	<input type="text"/>
SNMP Auth Password	<input type="text"/>
SNMP Auth Key	<input type="text"/>
SNMP Auth Proto	md5
SNMP Priv Password	<input type="text"/>
SNMP Priv Key	<input type="text"/>
SNMP Priv Proto	des
<input type="button" value="Add and Update Node"/> <input type="button" value="Add"/> <input type="button" value="Cancel"/>	