

Home

NMIS News

Blog Posts

Blog: New Virtual Appliance created by Christopher Gatlin	NMIS Aug 06, 2019
Blog: NMIS 9: getting beta all the time created by Alexander Zangerl	NMIS Jul 26, 2019
Blog: NMIS 8.6.8G release created by Alexander Zangerl	NMIS Jul 10, 2019
Blog: NMIS 9.0.1 beta release created by Alexander Zangerl	NMIS May 17, 2019
Blog: NMIS 9.0.0e beta release created by Alexander Zangerl	NMIS Apr 11, 2019
Blog: New Virtual Appliance release created by Christopher Gatlin	NMIS Feb 27, 2019
Blog: New Virtual Appliance release created by Christopher Gatlin	NMIS Dec 22, 2018
Blog: New Virtual Appliance release created by Christopher Gatlin	NMIS Sep 05, 2018
Blog: NMIS 9.0.0d beta release created by Alexander Zangerl	NMIS Aug 21, 2018
Blog: NMIS 8.6.7G release created by Alexander Zangerl	NMIS Aug 17, 2018
Blog: The next generation of NMIS: NMIS 9.0.0c beta release created by Alexander Zangerl	NMIS Jun 14, 2018
Blog: NMIS version 8.6.6G released created by Alexander Zangerl	NMIS Jun 01, 2018
Blog: NMIS version 8.6.5G released created by Alexander Zangerl	NMIS May 23, 2018
Blog: NMIS version 8.6.4G released created by Alexander Zangerl	NMIS Mar 23, 2018
Blog: New Virtual Appliance release, now with NMIS 8.6.3G created by Alexander Zangerl	NMIS Jan 31, 2018
Blog: NMIS version 8.6.3G released created by Alexander Zangerl	NMIS Jan 25, 2018
Blog: NMIS version 8.6.2G released created by Alexander Zangerl	NMIS Nov 16, 2017
Blog: New Virtual Appliance release created by Alexander Zangerl	NMIS May 02, 2017
Blog: New Virtual Appliance release with NMIS 8.6.1G created by Alexander Zangerl	NMIS Dec 23, 2016
Blog: NMIS 8.6.1G released created by Alexander Zangerl	NMIS Dec 21, 2016
Blog: New Virtual Appliance release with NMIS 8.6.0G created by Alexander Zangerl	NMIS Nov 01, 2016
Blog: NMIS 8.6.0G released created by Alexander Zangerl	NMIS Oct 14, 2016
Blog: NMIS 8.5.12G and new Virtual Appliance releases created by Alexander Zangerl	NMIS Jun 08, 2016

Welcome to the NMIS (Network Management Information System), community page! NMIS is open source network management software which was first released in 1999, it is a complete network management system which assists with fault, performance and configuration management, providing performance graphs and threshold alerting as well as highly granular notification policies with many types of notification methods. You can [download NMIS from here](#).

Have you just [downloaded NMIS](#) (VM or source)? See the [NMIS v8 Documentation](#) section information to get you started and help you configure NMIS. If you are looking for information and documentation for one of our modules see the specific Module links below. Lastly, if you have just downloaded the [VM Bundle with NMIS](#) which includes all of our modules check out the [Getting Started - Virtual Appliance Bundle & NMIS 8](#) document to get you going.

More information about [Opmantek and our products and services available on our website](#).

NMIS v9

We're actively working on the next generation of NMIS and late beta releases are now available. Please contact us at beta@opmantek.com if you'd like to experiment with NMIS 9. Overall NMIS9 works the same as NMIS8, but faster and smoother with less disk IO, to make this happen, there are some ducks feet moving rapidly under the water, see those differences here.

- [NMIS 9 Release Notes](#)
- [NMIS9 Documentation](#) - For some NMIS9 specific details.
- [NMIS 9 Administration Notes](#)

NMIS v8 Documentation

Current NMIS v8 documentation is listed below.

- [Getting Started - Opmantek Virtual Appliance Bundle Installation](#)
- [NMIS8 Release Notes](#) and the [Virtual Appliance Release Notes](#)
- [NMIS 8 Installation Guide](#) and the (very simple) instructions for [Upgrading NMIS to 8.6.6G](#)
- [NMIS8 Quick Start Guide](#)
 - [Configuring Email Server for NMIS Notifications including Gmail server](#)
- [NMIS8 Configuration Guide](#)
- [Node Administration Tools](#)
- [Managing Servers and Services with NMIS8](#)
 - [Service Monitoring Examples](#)
 - [Enabling SNMP Management on Windows 2008 Server](#)
- [NMIS Configuration Part 1](#) on the "show brain" blog
- [NMIS Configuration Part 2](#) on the "show brain" blog
- [Using SNMPv3 with NMIS for Secure Network Management](#)
- [Cisco router basic SNMP v1 or v2 configuration guide](#)
- [SNMP Traps with Cisco and Other devices](#)
- [NMIS8 Vendor and Device Support](#)
- [Information about Network Ports](#)

NMIS in Depth

Why does NMIS do that, how does it work?

- [Configuring NMIS for Multi-Tenancy](#) - how to prevent NMIS users from seeing devices they are not supposed to see.
- [NMIS and multi-homed nodes](#)
- [How To Customise Interface Speed, Collection, Thresholds and Events Using Node Configuration](#)
- [Manage Current Events - acknowledge events to stop escalation and notification](#)
- [Basic and Advanced Thresholds in NMIS8](#)
- [NMIS Threshold Configuration](#)
- [NMIS Metrics, Reachability, Availability and Health](#)
- [Amount of Performance Data Storage NMIS8 Stores](#)
- [Description of the NMIS Event Log](#)
- [NMIS Event List](#)
- [NMIS Node Status](#)
- [Import Nodes into NMIS8 - bulk import and integration](#)
- [Alerts - Using models to generate custom events](#)

- [Creating NMIS Email Notifications for a Specific Node and Interface](#)
- [Configuration Files for NMIS](#)
- [Custom Tables in NMIS](#)
- [Using Unique Identifiers \(UUID\) for NMIS Nodes](#)
- [Custom Notification Methods for NMIS Events](#)
- [NMIS Dashboards with Alternate Groupings - Customers and Business Services](#)
- [Developing Device Models for NMIS](#)
 - [NMIS Model Policy](#)
 - [Modelling for WMI](#)
 - [Device Modelling Checklist](#)
 - [Modelling MIBS that use Indexes using the systemHealth section](#)
 - [Advanced Modelling: When a single SNMP variable isn't enough](#)
 - [NMIS Collect and Update Plugins for Flexible Data Collection](#)
- [Extending SNMPd for custom monitoring](#)
- [Making Sounds for Critical Events on the NMIS Dashboard](#)
- [How NMIS pings nodes, using fpingd/fping or ping](#)
- [Ping Timeout and NMIS, including fast ping - fping](#)
- [Scaling NMIS Polling](#)
- [NMIS Customising the Dashboard Layout - Save Windows and Positions](#)
- [Controlling the Collection of Interfaces, Adjustments and Overrides](#)
- [Configuring syslog to get 'Network Events' on Master](#)
- [Scaling NMIS polling - how NMIS handles long running processes](#)
- [NMIS Handling Counter64 using SNMPv1](#)
- [Linking Nodes to other systems including Web, SSH, Telnet and whatever you need.](#)

NMIS Troubleshooting & Micro FAQ

- [The NMIS Support Tool](#)
- [NMIS File Permissions](#)
- [Configuration Files for NMIS \(and how often they change\)](#)
- [Logs, debugs and files which are useful when troubleshooting and resolving issues in NMIS](#)
- [Regular System Maintenance for NMIS](#)
- [SNMP Tuning](#)
- [SNMP Troubleshooting](#)
- [Testing SNMP Connectivity from the NMIS Server with snmpwalk](#)
- [Adding and Editing a Device in NMIS8](#)
- [Learning and Understanding Perl](#)
- [Installing Perl Libraries with and without CPAN](#)
- [NMIS8 Graphs Showing letters after the numbers in the y-axis](#)
- [Configuring NMIS to use Internal Authentication](#)
- [Configuring NMIS to use Secure Active Directory Authentication \(ms-Idaps\)](#)
- [Important NMIS Configuration Options](#)
- [Virtual Appliance Maintenance: Updating Software](#)

NMIS Training

Opmantek has training material available for NMIS, this is available in PDF format, and includes a movie which is about an hour long for the NMIS Device Modelling Training. All this downloadable:

- [NMIS8 User Training](#)
- [NMIS8 Administration Training](#)
- [NMIS8 Developer Training](#)
- [NMIS8 Device Modelling Training](#)
- [NMIS8 Device Modelling Training Webcast](#)

NMIS Support

- [How to upgrade and maintain model files](#)
- [Default Credentials \(Passwords\) for NMIS8 VM](#)
- [User Management in NMIS8](#)
- [Moving the NMIS database to a new partition](#)
- [Additional support can be found on the \[nmis_users mailing list\]\(#\) although we recommend commenting on this community site.](#)

Old patching

- [Upgrading NMIS to 8.6.1G](#)
- [Upgrading NMIS to 8.6.0G](#)
- [Upgrading NMIS to 8.5.12G](#)
- [Upgrading NMIS to 8.5.10G](#)
- [Upgrading NMIS to 8.5.8G](#)

- [Upgrading NMIS to 8.5.6G](#)
- [Upgrading NMIS to 8.5.4G](#)
- [NMIS 8 Installation Guide \(up to Version 8.5.4G\)](#)
- [Upgrading NMIS to 8.5.2G](#)
- [Upgrading NMIS to 8.5G](#)
- [Upgrading NMIS to 8.4.10G](#)
- [Patching NMIS with 8.4.6G](#)
- [Patching NMIS with 8.3.4G Update](#)
- [Patching NMIS with 8.3.6G Update](#)
- [Patching NMIS with 8.3.9G Update](#)
- [Patching NMIS with 8.3.15G Update](#)
- [Patching NMIS with 8.3.18G Update](#)
- [Patching NMIS with 8.4.1G](#)

NMIS4 Documentation

- [NMIS 4.3.6e Installation Documentation](#)- contributed by Terrell Prude.

Other Resources for NMIS Users

- [Learning and Understanding Perl](#)

Opmantek Modules to Extend NMIS8

- [opEvents](#) - Event Management working like ITIL V3 intended. Managing syslog, SNMP trap, NMIS events and any log content.
- [opFlow](#) - Application level visibility using NetFlow information, providing incredible visibility into bandwidth usage, by user and application.
- [opReports](#) - Expert reporting, with traffic lights and actions.
- [opMaps](#) - Geographical mapping of your Organisation, from NMIS information.
- [opSLA](#) - Enhanced IPSLA engine for 10000's of IPSLA probes on a single server.
- [opHA](#) - High availability for NMIS through Master /Poller and Multi-Master configurations.
- [opConfig](#) - Automatically track and back up configurations. Compare configurations.
- [opCharts](#) - Modern, dynamic, interactive charting, custom dashboards and a RESTful API for all NMIS data and more.

Recently Updated

[NMIS 8 Release Notes](#)

Dec 06, 2019 • updated by Robin Twiggs • [view change](#)

[NMIS 9 Release Notes](#)

Dec 02, 2019 • updated by Josune Cordoba • [view change](#)

[Device Modelling Checklist](#)

Nov 27, 2019 • updated by Keith Sinclair • [view change](#)

[Home](#)

Nov 14, 2019 • updated by Keith Sinclair • [view change](#)

[NMIS Collect and Update Plugins for Flexible Data Collection](#)

Nov 14, 2019 • updated by Keith Sinclair • [view change](#)

[Managing Nodes with High Interface Counts](#)

Nov 13, 2019 • updated by Keith Sinclair • [view change](#)

[NMIS 9 Release Notes](#)

Oct 10, 2019 • updated by Robin Twiggs • [view change](#)

[NMIS8 - Installing NMIS in a Non Standard Location](#)

Sep 19, 2019 • updated by Christopher Gatlin • [view change](#)

[SNMP Proxy in NMIS](#)

Sep 05, 2019 • created by mlupascu

[Import Nodes into NMIS8 from Zenoss zenbatchdump file](#)

Sep 02, 2019 • updated by Robin Twiggs • [view change](#)

[Import Nodes into NMIS8 - bulk import and integration](#)

Sep 02, 2019 • updated by Robin Twiggs • [view change](#)

[Re: How do I utilize multiple SNMPv3 credential sets?](#)

Aug 29, 2019 • created by Keith Sinclair

[Troubleshooting device connectivity with NMIS](#)

Aug 28, 2019 • created by Oscar Berlanga

[New Virtual Appliance](#)

Aug 06, 2019 • updated by Christopher Gatlin • [view change](#)

[Re: How do I utilize multiple SNMPv3 credential sets?](#)

Jul 29, 2019 • created by dgreer0328

Navigate space