

NMIS 9 Installation Guide

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Installation Prerequisites

- The individual performing this installation has a small bit of Linux experience
- Root access is available
- Internet access is required for installing any missing but required software packages
- Operating systems supported: This information can be found [here](#).

NMIS Installation

Install Guides:

[Default Install Guide](#)

[Advanced Install Options](#)


NMIS Setup












Once installed, we can access NMIS GUI:

```
http://host.com/nmis9
```

and perform the first set up:

The screenshot shows the NMIS Setup interface in a browser. The address bar shows the URL: `deb-n-burn.opmantek.com/cgi-nmis9/nmisci.pl`. The page title is "Basic Setup".

Welcome to the NMIS Setup interface!
In this menu you'll find the most essential settings for getting started with NMIS. Entries that likely need to be adjusted are marked with .

 Server Name	<input type="text" value="localhost"/>	This is the primary name of this NMIS server. It's used in lots of places and really must be set.
 NMIS Host	<input type="text" value="localhost"/>	This is the FQDN (or IP address) of the NMIS server, and is used in emails and other notifications for creating links back to this system.
 Authentication Secret	<input type="text" value="Please Change Me!"/>	This is the secret used to create authentication cookies. It must be unique for your site (unless you enable SSO or select 'omk' as Cookie Type).
 Cookie Type	<input type="text" value="omk"/>	'nmis': NMIS uses its own independent authentication cookie; 'omk': NMIS shares one cookie with other Opmantek applications (but the same secret must be set up everywhere, see the SSO page for details).
 Mail Server	<input type="text" value="127.0.0.1"/>	The FQDN (or IP address) of your outgoing mail server. NMIS needs that to send you email notifications.
 Mail Server Port	<input type="text" value="25"/>	The port number your mail server listens on for SMTP conversations. Common choices are 25 and 587, but note that 587 commonly requires authentication!
 Mail User	<input type="text" value="your mail username"/>	This is the mail user name for authenticating at your mail server. Leave this blank if you don't need to authenticate at your mail server.
 Mail Password	<input type="text"/>	This is the password for authenticating at your mail server. Leave this blank if you don't need to authenticate at your mail server.
 Mail Sender Address	<input type="text" value="nmis@yourdomain.com"/>	This is the From address for email notifications.
 Mail Domain	<input type="text" value="yourdomain.com"/>	This is required for some mail servers that enforce strict HELO messages. Using your company domain here is a good idea.
	<input type="text"/>	If you select true here, then NMIS will try to negotiate

On the right side of the screenshot, there is a monitoring dashboard showing a graph of Availability (Avg 97.93) and Health. The dashboard also includes a table with columns for Level (ALL) and Sort, and buttons for Unknown and Summary.

NMIS Configuration

After the setup, we can create new nodes from the GUI or import them from other systems.

We can create a node from the GUI using the menu **System > System Configuration > Nodes (Devices)**:

The screenshot displays the NMIS 9.0.8 - ubuntu web interface. The top navigation bar includes 'Network Status', 'Network Performance', 'Network Tools', 'Reports', 'Service Desk', 'Setup', 'System', 'Windows', and 'Help'. The 'System' menu is open, showing a dropdown with the following items: 'System Configuration', 'Configuration Check', and 'Host Diagnostics'. The 'System Configuration' item is further expanded to show a list of sub-items: 'NMIS Nodes (devices)', 'NMIS Configuration', 'NMIS Models', 'Node Configuration', 'Model Policy', 'Hide Groups', '-----', 'Access Policy', 'Business Services', 'Contacts', 'Customers', 'Escalation Policy', 'Event Configuration', 'Links (network)', 'Locations', 'Logs', 'Polling Policy', 'Portal', 'Privilege Map', 'Service Status', 'Services', 'Tables', 'Toolset', 'Users', and 'ifTypes'. On the left side, there is a 'Metrics' panel with an '8Hr Summary' showing values for Metric (94%), Reachability (100%), InterfaceAvail (100%), Health (86%), and ResponseTime (0ms). Below this is a 'Quick Search' panel with a 'Select Device by Context' dropdown and a 'Filter Device list by input string' field. The main content area shows 'Network Metrics and Health' with a line graph for 'network - 2 days from 05-Nov-2019' and a log viewer for 'Event_Log'.

It is also possible to import nodes using the [node administration tools](#).