

OpenNMS Meridian Release Notes

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OpenNMS Meridian v2015.1.1
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OpenNMS Meridian Development Team

Tarus Balog < tarus@opennms.org >
David Hustace < david@opennms.org >
Benjamin Reed < ranger@opennms.org >

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The original code base was developed and published under the GPL by the Oculan Corporation until 2002, when the project administration was passed on to Tarus Balog.

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Please send any omissions or corrections to this document to Tarus Balog.

Chapter 1. Changelog

OpenNMS Meridian 2015

Release Meridian-2015.1.1

Release 2015.1.1 is the second release of OpenNMS Meridian 2015. It contains a number of bug fixes as well as a few security fixes over 2015.1.0.

Bug

- Database reports fail with 500 error (Issue [LTS-184](#))
- Forecasting reports fail to render when datasource includes "inf" (Issue [LTS-185](#))
- Default JMX Config Generator Throw Error (Issue [LTS-187](#))
- JMX Config Generator Does Not Run in PoweredBy Branch (Issue [LTS-191](#))
- When removing nodes from a provisioning group, the removed nodes may still be referenced in KSC reports; thus resulting in errors accessing those reports until the nodes are manually removed. (Issue [NMS-4399](#))
- JMX Config Tool CLI is not packaged correctly (Issue [NMS-5946](#))
- NRTG is throwing ConcurrentModificationException (Issue [NMS-6536](#))
- IfIndex not updated in ipinterface table on change (Issue [NMS-6567](#))
- Event Translator cant translate events with update-field data present (Issue [NMS-7024](#))
- Remove the logging directories from the DEB package (Issue [NMS-7192](#))
- IllegalArgumentException on ipnettomediatable (Issue [NMS-7358](#))
- 1.12.9-2 rpm install broken (Issue [NMS-7398](#))
- KSC Reports with non-existing resources generate exceptions on the WebUI (Issue [NMS-7400](#))
- Double footer in resource graph page (Issue [NMS-7412](#))
- queued creates its own category for loggings (Issue [NMS-7485](#))
- Queued daemon seems to ignore loglevel (Issue [NMS-7510](#))
- XML Collector is not working as expected for node-level resources (Issue [NMS-7516](#))
- Some parameters logged out of order since slf4j conversion (Issue [NMS-7603](#))
- Compass can't make a POST request from FILE URLs in some cases (Issue [NMS-7616](#))
- The PSM doesn't work with IPv6 addresses if the `${ipaddr}` placeholder is used on host or virtual-host (Issue [NMS-7626](#))
- Timeline image links are not working with services containing spaces (Issue [NMS-7629](#))

- Match event params for auto-ack of Notification (Issue [NMS-7631](#))
- include-url doesn't work on poller packages (Issue [NMS-7633](#))
- Node resources are deleted when provisiond aborts a scan (Issue [NMS-7636](#))
- Default date width in Database Reports is too small (Issue [NMS-7637](#))
- The global variable `org.opennms.rrd.queuing.category` is set to `OpenNMS.Queued` and should be `queued` (Issue [NMS-7642](#))
- Fixing Logging Prefix/Category on several classes (Issue [NMS-7644](#))
- XML data collection with HTTP POST requests is not working (Issue [NMS-7650](#))
- Improving exception handling on the XML Collector (Issue [NMS-7651](#))
- Logging not initialized but used on Drools Rule files. (Issue [NMS-7695](#))
- NumberFormatException in LldpUtils (Issue [NMS-7697](#))
- Hibernate exception in AlarmDetailsDashlet (Issue [NMS-7698](#))
- 'More...' event link on `/opennms/element/service.jsp` encodes URL incorrectly (Issue [NMS-7714](#))
- Log messages for the Correlation Engine appear in `manager.log` (Issue [NMS-7729](#))
- SeleniumMonitor with PhantomJS driver needs gson JAR (Issue [NMS-7748](#))
- Cannot edit some Asset Info fields (Issue [NMS-7750](#))
- The command `/opt/opennms/bin/ilr` doesn't work (Issue [NMS-7760](#))
- `nodeCategoryChanged` event on already-down node makes extra `nodeDown` events (Issue [NMS-7761](#))
- Incorrect unit divisor in LM-SENSORS-MIB graph definitions (Issue [NMS-7766](#))
- OpenNMS won't start anymore with 512MB of Heap Size (Issue [NMS-7783](#))
- Some weak cipher suites allowed in example `jetty.xml` HTTPS config (Issue [NMS-7812](#))
- The reload config for `Collectd` might throws a `ConcurrentModificationException` (Issue [NMS-7824](#))
- NPE on "manage and unmanage services and interfaces" (Issue [NMS-7828](#))
- "No session" error during startup in `EnhancedLinkdTopologyProvider` (Issue [NMS-7835](#))
- Fix for [NMS-6567](#) prevents interfaces from acquiring SNMP interface records on rescan (Issue [NMS-7838](#))
- Counter variables reported as strings (like `Net-SNMP extent`) are not stored properly when using `RRDtool` (Issue [NMS-7839](#))
- Slow `LinkdTopologyProvider/EnhancedLinkdTopologyProvider` in bigger environments (Issue [NMS-7846](#))
- distributed details page broken (Issue [NMS-7855](#))

- Cisco Packets In/Out legend label wrong (Issue [NMS-7857](#))
- Enlinkd CDP code fails to parse hex-encoded IP address string (Issue [NMS-7858](#))
- IpNetToMedia Hibernate exception in enlinkd.log (Issue [NMS-7861](#))
- HttpClient ignores socket timeout (Issue [NMS-7877](#))
- RTC Ops Board category links are broken (Issue [NMS-7884](#))
- Remedy Integration: the custom code added to the Alarm Detail Page is gone. (Issue [NMS-7890](#))
- Statsd PDF export gives class not found exception (Issue [NMS-7897](#))
- JMX Configgenerator Web UI throws NPE when navigating to 2nd page. (Issue [NMS-7900](#))
- Alarm detail filters get mixed up on the ops board (Issue [NMS-7917](#))
- Exception Decoding LLDP ChassisId When type is NetworkAddress (Issue [NMS-7931](#))
- Bouncycastle JARs break large-key crypto operations (Issue [NMS-7959](#))
- Jsoup doesn't properly parse encoded HTML character which confuses the XML Collector (Issue [NMS-7963](#))
- MBean attribute names are restricted to a specific max length (Issue [NMS-7964](#))
- RMI should only bind to localhost by default. (Issue [NMS-7971](#))
- The ICMP monitor can fail, even if valid responses are received before the timeout (Issue [NMS-7974](#))
- JMX Configuration Generation misbehavior on validation error (Issue [NMS-7977](#))
- JMX configuration generator throws NoClassDefFoundError exception (Issue [HZN-432](#))
- Migrate the JMX Configuration Generator (webUI) to Vaadin 7 (Issue [HZN-417](#))

Enhancement

- Interactive JMX data collection configuration UI (Issue [NMS-4364](#))
- Improve links for SLA categories on start page (Issue [NMS-7713](#))

Release 2015.1.0

Release 2015.1.0 is the first release of OpenNMS Meridian 2015. It is based on OpenNMS Horizon 14.0.3, the Bootstrap GUI shipped in OpenNMS Horizon 15, and many smaller bug fixes.

The codename for 2015.1.0 is *Greenwich*.

Chapter 2. Known Issues and Caveats

Here is the list of known issues in this release of OpenNMS:

2.1. Current Release

There are no known issues in the current release.

Chapter 3. Supported Systems

3.1. Supported Systems

OpenNMS is written almost entirely in Java, and should be able to run on nearly any system that supports the Sun Java Virtual Machine.

OpenNMS Meridian is officially supported out-of-the-box, with native installation packages, on the following platforms:

- Red hat Enterprise Linux 5 and higher
- CentOS 5 and higher

3.2. 3rd-Party Dependencies

OpenNMS Meridian requires Java 7 JDK or greater, and PostgreSQL 8.4 or greater. OpenNMS Meridian also requires RRDtool 1.4. An appropriate build of RRDtool and JRRD should be installed automatically when you install OpenNMS Meridian.