



Release Notes for Cisco Multicast Manager 3.0

Revised: April 8, 2009

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Introduction

Cisco Multicast Manager is a web-based network management application that is designed to aid in the monitoring and troubleshooting of multicast networks. Enterprises running video delivery systems or financial market data applications can greatly benefit from deploying Cisco Multicast Manager. Service providers or cable operators also benefit from:

- Early warning of problems in multicast networks.
- In-depth troubleshooting and analysis capabilities.
- On demand, real-time, and historical reporting capabilities.

New Features

Cisco Multicast Manager provides the following new features:

- Enhanced User Interface
- VMware ESX 3i Support



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- Cisco IOS XR Support (Up to Version 3.7)
- Bridge Tech VOS Probe Support
- MCP Support
- RBAC-based defined users and roles
- Telnet Access
- Red Hat Enterprise Linux Version 5 Support
- Northbound Integration with TIBCO
- Mixed-Signal VOS Probe Support
- Heartbeat Trap
- Greater than 5k Device Polling Scalability

System Requirements

This section describes the system requirements for Cisco Multicast Manager 3.0.

Supported Hardware

Linux

On Linux systems, the following hardware is supported:

- Dual AMD Opteron 250 processor.
A 2.4-GHz processor is recommended for a large enterprise network (more than 500 devices).
- 2.8-GHz Intel Pentium IV or 2.8-GHz Intel Xeon processor.
- A Dual 2.8-GHz Intel Pentium IV or a Dual 2.8-GHz Intel Xeon processor is recommended for large enterprise networks (more than 500 devices).

Sun Microsystems Servers

Cisco Multicast Manager supports the following hardware on Sun Microsystems servers:

- Sun Fire V440: Up to 1.593-GHz UltraSPARC IIIi processors for a large enterprise network (more than 500 devices).
- Sun Fire V240: One 1.34-GHz or two 1.5-GHz UltraSPARC processors

Operating System Requirements

Linux

CMM 3.0 can run on the following Linux versions:

- Red Hat Enterprise Linux ES/AS 4
- Red Hat Enterprise Linux ES/AS 5

Sun Systems

CMM 3.0 can run on the following Sun Solaris versions:

- Solaris 8
- Solaris 9
- Solaris 10

Memory Requirements

- 2 GB
- 4 GB for Large Enterprise (more than 500 devices)

Supported Browsers

- Internet Explorer Version 6.0
- Internet Explorer Version 7.0
- Mozilla Firefox 2.0

Caveats

The following Cisco IOS caveats affect the operation of CMM 3.0.

- CSCsl61414

Description:

The Top Talkers link on the Diagnostics page does not work if the network device supports the Cisco IOS XR release.

Conditions:

The user is trying to execute the Top Talkers link on a device running Cisco IOS XR.

Workaround:

None. This feature was not supported for CMM 2.4. This requires a supporting command set for Cisco IOS XR.

- CSCsl66019

Description:

The user fails to run commands on the Cisco IOS XR devices from the Diagnostics page.

Frequency:

Consistent.

Symptoms:

The user fails to run the commands on the Cisco IOS XR devices from the Diagnostics page using SSH mode.

Conditions:

The user is trying to execute the commands on a device running Cisco IOS XR.

Workaround:

Use SSH V1.

- CSCsr98713

Description:

Discovery will not complete if NIS+ is enabled.

Frequency:

Consistent.

Symptoms:

Install CMM on a Solaris machine where NIS+ is enabled. The Discovery process in CMM does not complete.

Conditions:

Installing CMM on a Solaris machine where NIS+ is enabled.

Workaround:

Disable any naming service (NIS, NIS+, LDAP) on the gateway machine before installation.

- CSCsv88167

Description:

The Administration tab does not appear in the menu when Configuration Management is selected.

Frequency:

Very low.

Symptom:

Install CMM 3.0 and launch the application GUI in the Internet Explorer Version 7.0 browser. Click on the Config Management tab after logging into the GUI with administrative level privileges. The Administration tab does not appear.

Conditions:

Launch and run the GUI in any version of Internet Explorer.

Workaround:

Close the browser and log into the application again.

- CSCsx52265

Description:

CMM hangs on the Trace page sometimes when any other link is accessed.

Frequency:

Very low.

Symptom:

Install CMM 3.0 and launch the application. Click on the Multicast trace page and launch a trace. Close the launched trace and access some other links in CMM. Browser tries to retrieve the clicked page but it continues to load the page sometimes (browser hangs).

Conditions:

Launch and run the Multicast Trace in Internet Explorer.

Workaround:

Close the browser and log into the application again.

- CSCsx45851

Description:

Cannot display graphical topology for more than 3000 simulated devices.

Frequency:

Consistent.

Symptom:

Install CMM 3.0 and launch the topology window for more than 1500 devices. Graphical topology is not displayed. Instead, a message box is displayed, informing you of the topology restriction.

Conditions:

Launch and run the topology.

Workaround:

None.

- CSCsy71938

Description:

The bar graph in the Summary tab does not draw events occurring within 24 hours.

Symptom:

After a fresh install, generate an event for CMM and then navigate to the Summary tab in the dashboard. The bar graph does not plot even though there are events in the domain details. If the 24 hours is past then the bar graph reveals.

Expectation:

The bar graph should draw for the events within last 24 hours. The time frame of last 24 hours should be counted back from the time of the user launch the page.

Conditions:

Launch and run the topology.

Workaround:

None.

Product Documentation

[Table 1](#) describes the product documentation available for CMM.

Table 1 **CMM Documentation**

Document Title	Available Formats
<i>Release Notes for Cisco Multicast Manager 3.0</i>	- PDF on the product CD-ROM. - On Cisco.com at: http://www.cisco.com/en/US/products/ps6337/prod_release_notes_list.html
<i>Documentation Guide and Supplementary License Agreement for Cisco Multicast Manager, 3.0</i>	- PDF on the product CD-ROM. - On Cisco.com at: http://www.cisco.com/en/US/products/ps6337/products_documentation_roadmaps_list.html
<i>Installation Guide for Cisco Multicast Manager, 3.0</i>	- PDF on the product CD-ROM. - On Cisco.com at: http://www.cisco.com/en/US/products/ps6337/prod_installation_guides_list.html
<i>User Guide for Cisco Multicast Manager, 3.0</i>	- PDF on the product CD-ROM. - On Cisco.com at: http://www.cisco.com/en/US/products/ps6337/products_user_guide_list.html

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS Version 2.0.

This document is to be used in conjunction with the documents listed in the [“Product Documentation”](#) section.

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