



Release Notes for Cisco Multicast Manager 3.3.2

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Introduction

Cisco Multicast Manager is a web-based network management application that is designed to monitor and troubleshoot 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 and Enhancements for Release 3.3.2

Cisco Multicast Manager 3.3.2 provides the following new features:

- **P2MP Trace performance**—Performance improvement in launching the P2MP Trace time.



Note While running P2MP trace, FHR must always be the source.

- **RHEL 6.4 support**—CMM 3.3.2 supports RHEL 6.4 version.
- **Browser Support**—Cisco Multicast Manager 3.3.2 provides support for Firefox 20 and IE 9.x on Windows 7.



Note

Cisco Multicast Manager 3.3 and later releases support Nexus 7K with version 6.1.2 for Discovery, Trace, Polling, and Diagnostic. If Nexus 7k devices are configured with multicontext VDCs, then CMM will discover the default VDC as well as other VDCs as separate devices.

System Requirements

This section describes the system requirements for Cisco Multicast Manager 3.3.2.

Hardware Requirements

Cisco Multicast Manager can run on Linux systems and on Sun Microsystems systems running Sun Solaris 10.

Disk Space

4 GB or more of free space for CMM application and data.

Processors

The processor requirements for CMM 3.3.2 are shown below.

AMD Linux

- Dual, Quad, or 6-Core AMD Opteron processor

Linux-Intel

- Xeon Dual or Quad Core (equivalent or better)

Solaris-SPARC

- Sun UltraSPARC IIIi or better

Memory Requirements

The minimum memory requirements for CMM 3.3.2 are:

- 4 GB for less than 500 devices
- 8 GB for large Enterprise networks (more than 500 devices)

Swap Space

The CMM host should have twice as much swap memory as RAM. For example, a server with 4 GB of RAM should have 8 GB of swap memory, and a server with 8 GB of RAM should have 16 GB of swap memory.

Operating System Requirements

Linux

CMM 3.3.2 can run on the following Linux versions:

- Red Hat Enterprise Linux ES/AS 4
- Red Hat Enterprise Linux ES/AS 5
- Red Hat Enterprise Linux Client release 5.5
- Red Hat Enterprise Linux Server Release 6.4

Both 32-bit and 64-bit Linux versions are supported.

CPU Requirements

Linux devices running CMM 3.3.2 should meet the following CPU requirements:

- Two CPUs with dual core for less than 500 devices
- Four CPUs with four cores for more than 500 devices

Sun Microsystems Servers

CMM 3.3.2 can run on the following Solaris version:

- Solaris 10

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

- Sun Fire V440: Two CPUs with 1.593-GHz UltraSPARC IIIi processors.
 - Up to four cores for less than 500 devices.
 - Eight cores for 500 devices or more.



Note The Solaris X86 version is not supported.

VMWare

- VMWare ESX 3.5
- VMWare ESX 4.0

CMM supports both the 32-bit and 64-bit versions.

Supported Client Browsers

- Internet Explorer 8.x on Windows XP or Windows 7
- Internet Explorer Version 7.x on Windows XP or Windows Vista
- Internet Explorer Version 6.x on Windows XP
- Firefox 3.6.x to Firefox 20 on Windows XP or Windows 7
- Internet Explorer 9.x on Windows XP or Windows 7



Note

The browser must have Adobe Flash Player installed.

Important Notes

This section contains the following note:

- [Vidmon Polling Interval Setting When a Large Number of Flows are Monitored, page 4](#)

Vidmon Polling Interval Setting When a Large Number of Flows are Monitored

The Vidmon Polling Interval setting that is configurable from the **System Configuration->Global Polling Configuration** menu selection specifies the time interval for which Vidmon devices (Cisco 7600 series routers) and ASR 9000 Series (Viking) devices are polled for Cisco Vidmon statistics.

If you are monitoring 1000 or more flows, we recommend that you set the Vidmon Polling interval to 1 min.

Open Bugs

The open bugs describe possible unexpected behavior in Cisco Multicast Manager 3.3.2 release. These bugs may also be open in previous releases.

[Table 1](#) lists the open bugs for CMM 3.3.2.

Click the identifier to view the impact and workaround for the caveat. This information is displayed in the [Bug Search Tool](#). You can track the status of the open bugs using the Bug Search Tool.

Table 1 Open Bugs in Cisco Multicast Manager, 3.3.2

Bug ID	Description
CSCto96640	CMM 3.2 LNX Install from DVD ISO gives “cp: will not create hard link” message.
CSCtc74977	Vidmon Diagnostics—Clearing the yellow indicator does not take effect.
CSCti04669	CPU Threshold validation not working for IOS-XR during CRM baseline creation.
CSCth02925	RP Status and MSDP Status information is not displayed for IOS-XR devices.

Table 1 *Open Bugs in Cisco Multicast Manager, 3.3.2 (continued)*

CSCty97741	Topology not updating RpVidmon icon after rediscovery.
CSCtw68854	CMM 3.3 does not display SG group gone report for Nexus7k device.
CSCtx73223	Unicast baseline route polling changes not reported for Nexus7k device.
CSCul04826	The multicast manager is reporting DR changes on a frequent basis.

Resolved Bugs

[Table 2](#) contains the bugs resolved for CMM 3.3.2.

Click the identifier to view the impact and workaround for the bug. This information is displayed in the [Bug Search Tool](#). You can track the status of the open bugs using the Bug Search Tool.

Table 2 *Resolved Bugs in Cisco Multicast Manager, 3.3.2*

Bug ID	Description
CSCts50005	Color must be disabled for 'first & previous page' when there is no item on page
CSCty34654	Report parameters 'Filter SG' and 'reset' buttons not functioning properly
CSCtz44132	Transport description not updated for some groups
CSCui37429	Second reset button appears when you click the Reset button on "Diagnostics->6500/7600 Troubleshooting.
CSCul52361	Discovery fails if domain name is created with "space" character
CSCul86551	P2MP Trace breaking for Multiple Tunnels
CSCul96775	P2MP discovery getting struck ed
CSCul97253	P2MP Trace is not coming properly for R3 device
CSCul99967	While running a P2MP trace FHR field restriction should be documented.

Product Documentation

Table 3 describes the product documentation available for CMM 3.3.2.

Table 3 CMM 3.3.2 Documentation

Document Title	Available Formats
<i>Release Notes for Cisco Multicast Manager 3.3.2</i>	<ul style="list-style-type: none"> On Cisco.com, at: http://www.cisco.com/en/US/products/ps6337/prod_release_notes_list.html
<i>Installation Guide for Cisco Multicast Manager, 3.3.2</i>	<ul style="list-style-type: none"> PDF on the product CD-ROM. On Cisco.com, at: http://www.cisco.com/en/US/products/ps6337/prod_installation_guides_list.html
<i>Device Instrumentation Requirements for Cisco Multicast Manager, 3.3.2</i>	<ul style="list-style-type: none"> On Cisco.com, at: http://www.cisco.com/en/US/products/ps6337/products_device_support_tables_list.html
<i>Open Source Used in Cisco Multicast Manager 3.3.2</i>	<ul style="list-style-type: none"> On Cisco.com, at: http://www.cisco.com/c/en/us/support/cloud-systems-management/multicast-manager/products-licensing-information-listing.html
<i>User Guide for Cisco Multicast Manager 3.3.1</i>	<ul style="list-style-type: none"> On Cisco.com, at: http://www.cisco.com/en/US/docs/net_mgmt/cisco_multicast_manager/3.3.1/user/guide/CMM_331_user_guide.html

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation* at: <http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>.

Subscribe to *What's New in Cisco Product Documentation*, which lists all new and revised Cisco technical documentation, as an RSS feed and deliver content directly to your desktop using a reader application. The RSS feeds are a free service.

This document is to be used in conjunction with the documents listed in the "Product Documentation" section.

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