



# Sun™ Management Center 4.0 Version 3 Add-On Software Release Notes

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SPARC Enterprise™  
M3000/M4000/M5000/M8000/M9000 Servers

Sun Microsystems, Inc.  
[www.sun.com](http://www.sun.com)

Part No. 821-0533-10  
August 2009, Revision A

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# Sun Management Center 4.0 Version 3 Add-On Software Release Notes

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This document contains release notes for Sun™ Management Center 4.0 Version 3 add-on software for SPARC Enterprise™ M3000/M4000/M5000/M8000/M9000 servers. The document includes the following sections:

- [“What’s New” on page 1](#)
  - [“Supported Platforms and Environments” on page 2](#)
  - [“Recommended Patches” on page 3](#)
  - [“Documentation” on page 4](#)
  - [“Obtaining the Add-On Software” on page 4](#)
  - [“Known Issues and Workarounds” on page 5](#)
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## What’s New

- Requires XSCF Control Package (XCP) 1090 firmware for SPARC Enterprise M3000/M4000/M5000/M8000/M9000 servers.
- Adds new properties to the System table, corresponding with new features in XCP 1090:
  - `actualPower`
  - `actualPowerPollingInterval`
  - `exhaustAirFlow`
  - `exhaustAirFlowPollingInterval`
  - `ambientTemperature`
  - `ambientTemperaturePollingInterval`
  - `permittedPower`

- Adds a new property to the CMU table:
  - cmuType

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## Supported Platforms and Environments

### Supported Platforms

Sun Management Center 4.0 Version 3 add-on software supports the following systems:

- SPARC Enterprise M3000 servers
- SPARC Enterprise M4000/M5000 servers
- SPARC Enterprise M8000/M9000 servers

### Supported Software

TABLE 1 lists the minimum software versions required for this release.

**TABLE 1** Minimum Required Software Versions

Host	Required Software	Version
Monitored platform	XCP firmware	1090
	<b>Note</b> - Sun Management Center add-on software updates are included in XCP firmware image updates.	
Monitored domain	Solaris™ Operating System	10 11/06
	Sun Management Center core software	4.0
	Sun Management Center Add-On Software for SPARC Enterprise M3000/M4000/M5000/M8000/M9000 servers	4.0 Version 3

**TABLE 1** Minimum Required Software Versions (*Continued*)

Host	Required Software	Version
For both: • Server machine • Workstations or common network location (for console layer)	Solaris Operating System*	8 2/04 9 9/04 10 11/06
	Sun Management Center server core software	4.0
	Sun Management Center Add-On Software for SPARC Enterprise M3000/M4000/M5000/M8000/M9000 servers	4.0 Version 3

\* Solaris Operating System distribution must be at least "End User Systems Support."

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## Recommended Patches

Solaris software patches and Sun Management Center patches might be available for your platform, for the core Sun Management Center 4.0 application, and for this add-on software. The product notes for your platform and the *Sun Management Center Software Release Notes* might also include information about required and recommended patches.

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**Note** – You must install all the patches required for your platform and your operating system before installing Sun Management Center 4.0 software and this add-on.

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If you have a Sun service contract, you can download the patches from:

<http://sunsolve.sun.com>

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# Documentation

Sun Management Center documentation is available at:

<http://docs.sun.com/app/docs/prod/sun.mgmt.ctr40>

For information about this add-on software, see the *Sun Management Center 4.0 Supplement for Sun SPARC Enterprise Servers: Sun SPARC Enterprise M3000/M4000/M5000/M8000/M9000 Servers* (820-6019), which supplements the core Sun Management Center documentation.

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# Obtaining the Add-On Software

Sun Management Center software, including this Sun Management Center 4.0 Version 3 add-on software, is available for download at:

<http://www.sun.com/download>

For information about installing the software, refer to the *Sun Management Center 4.0 Supplement for Sun SPARC Enterprise Servers: Sun SPARC Enterprise M3000/M4000/M5000/M8000/M9000 Servers*.

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# Known Issues and Workarounds

TABLE 2 lists issues and possible workarounds for Sun Management Center software.

**TABLE 2** Sun Management Center Issues and Workarounds

CR ID	Description	Workaround
6567937	Sun Management Center alarms do not appear in the Alarms tab after a successful SP failover.	Click the Reload the Alarm Table button to refresh the table and display the correct alarm state.
6750818	The physical view is not seen on the web console. This occurs for both the Domain Config reader and Platform Admin Module on all SPARC Enterprise M3000/M4000/M5000/M8000/M9000 systems.	Use the Java™ Sun Management Center console to see the physical view for this add-on software.
6853141	On SPARC Enterprise M8000/M9000 servers, the System table for the Platform Admin Module displays values for “System permitted power consumption” and for “System Actual Power Consumption Polling Interval.” However, these features are not supported on SPARC Enterprise M8000/M9000 servers.	These features are not supported for SPARC Enterprise M8000/M9000 servers. No workaround is required.

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# Documentation Updates

This section contains late-breaking information that became known after the document *Sun Management Center 4.0 Supplement for Sun SPARC Enterprise Servers: Sun SPARC Enterprise M3000/M4000/M5000/M8000/M9000 Servers* was published.

**TABLE 3** Documentation Updates

Location	Description
Page 18, "Setting Up Security Access"	<p data-bbox="362 336 686 362">Add the following information:</p> <p data-bbox="362 371 1196 453">All monitoring and active management available to domain operators (<code>domNadm</code> groups) in the domain views tables are available to the platform administrator (<code>plataadm</code> group) in the Domain, XSB and LSB tables of the platform view.</p> <p data-bbox="362 493 1205 548">Therefore, it is not required that the platform administrator (<code>plataadm</code> group) be present in all the <code>domNadm</code> groups used by the domain views.</p> <p data-bbox="362 588 1229 644">Nevertheless, you can add a platform operator user name to all <code>domNadm</code> groups by increasing the maximum number of groups allowed.</p> <p data-bbox="362 683 925 710">To Increase the Maximum Number of Allowed Groups</p> <ol data-bbox="362 718 1205 774" style="list-style-type: none"><li data-bbox="362 718 1205 774">1. Add the following string to the system specification file (<code>/etc/system</code>) for the Sun Management Center server host: <pre data-bbox="386 814 632 840">set ngroups_max=32</pre></li><li data-bbox="362 874 993 900">2. Reboot the OS on the Sun Management Center server host.</li></ol> <p data-bbox="362 940 1229 1052"><b>Caution:</b> Setting <code>ngroups_max=32</code> in <code>/etc/system</code> might give rise to NFS interoperability problems, as typical NFS servers only support 16 groups when using <code>AUTH_SYS/AUTH_UNIX</code>. The other NFS authentication mechanisms map "netids" to user names on the servers and can support more than 16 groups.</p> <p data-bbox="362 1060 529 1086">[CR ID 6872614]</p>

**TABLE 3** Documentation Updates

<b>Location</b>	<b>Description</b>
Page 19, "To Set Up Platform and Domain Views Administrative Groups"	<p data-bbox="428 277 999 303">Step 1 includes a list of possible values for <i>groupname</i>.</p> <p data-bbox="428 312 1056 338">The last item in the list should be <code>platoper</code> (not <code>platop</code>).</p> <p data-bbox="428 347 614 373">[CR ID 6868916]</p> <p data-bbox="428 416 771 442">Step 2: Add the following Note:</p> <p data-bbox="428 451 1270 503"><b>Note</b> - If <code>ngroups_max</code> has been changed in <code>/etc/system</code>, make sure the user names are not added to more than the <code>ngroups_max</code> value.</p> <p data-bbox="428 546 1306 624">It is not required for a platform operator to be in all <code>domNadm</code> groups, but if this is desired, it is possible to get around the 16-group limit by setting the <code>ngroups_max</code> variable in <code>/etc/system</code> to a maximum of 32.</p> <p data-bbox="428 633 614 659">[CR ID 6872614]</p>
Page 36, "About the Platform Administration Module"	<p data-bbox="428 720 699 746">Add the following Note:</p> <p data-bbox="428 755 1292 841"><b>Note</b> - Full active platform management is possible only when using the Java Console. The Web Console allows you to monitor all elements and set actions and thresholds.</p> <p data-bbox="428 850 614 876">[CR ID 6872614]</p>

