Sun Management Center 4.0 Version 4 Add-On Software For SPARC Enterprise M3000/M4000/M5000/M8000 /M9000 Servers

Release Notes

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Sun Management Center 4.0 Version 4 Add-On Software Release Notes

This document contains release notes for Oracle's Sun Management Center 4.0 Version 4 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 3
- "Obtaining the Add-On Software" on page 3
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What's New

- Requires XSCF Control Package (XCP) 1100 firmware for SPARC Enterprise M3000/M4000/M5000/M8000/M9000 servers.

Note – The *SPARC Enterprise M3000/M4000/M5000/M8000/M900 Servers Product Notes for XCP Version 1100* (821-2799) explains supported hardware, firmware, and software combinations.

- The CMU Board Table includes a new column for CMU Board Type.
- The IOU Board Table includes a new column for IOU Board Type.

Supported Platforms and Environments

Supported Platforms

Sun Management Center 4.0 Version 4 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 **Note -** Sun Management Center add-on software updates are included in XCP firmware image updates.	1100
Monitored domain	Oracle 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 4
For both of the following: • Server • Workstations or common network location (for console layer)	Oracle Solaris Operating System (OS distribution must be at least "End User Systems Support")	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 4

Recommended Patches

Oracle 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.

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.

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

`http://sunsolve.sun.com`

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, refer to 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.

Obtaining the Add-On Software

Sun Management Center software, including this Sun Management Center 4.0 Version 4 add-on software, is available for download at:

`http://www.oracle.com/technetwork/indexes/downloads`

Look for this product in the Sun Downloads A-Z Listing linked under the Servers and Storage section on this page.

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* (820-6019).

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 Number	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 situation 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.

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* (820-6019) was published.

TABLE 3 Documentation Updates

Location	Description
Page 18, “Setting Up Security Access”	Add the following information: All monitoring and active management available to domain operators (`dom`*N*`adm` groups) in the domain views tables are available to the platform administrator (`platadmn` group) in the Domain, XSB, and LSB tables of the platform view. Therefore, the platform administrator (`platadmn` group) does not need to be present in all the `dom`*N*`adm` groups used by the domain views. However, you can add a platform operator user name to all `dom`*N*`adm` groups by increasing the maximum number of groups allowed. To Increase the Maximum Number of Allowed Groups 1. Add the following string to the system specification file (`/etc/system`) for the Sun Management Center server host: `set ngroups_max=32` 2. Reboot the OS on the Sun Management Center server host. **Caution:** Setting `ngroups_max=32` in `/etc/system` might give rise to NFS interoperability problems, as typical NFS servers only support 16 groups when using `AUTH_SYS/AUTH_UNIX`. The other NFS authentication mechanisms map "netids" to user names on the servers and can support more than 16 groups. [CR 6872614]

TABLE 3 Documentation Updates

Location	Description
Page 19, "To Set Up Platform and Domain Views Administrative Groups"	Step 1 includes a list of possible values for *groupname*. The last item in the list should be `platoper` (not `platop`). [CR 6868916] In Step 2, add the following Note: **Note -** If `ngroups_max` has been changed in `/etc/system`, ensure that the user names are not added to more than the `ngroups_max` value. A platform operator does not need to be in all `domNadm` groups. But if this situation is desired, you can get around the 16-group limit by setting the `ngroups_max` variable in `/etc/system` to a maximum of 32. [CR 6872614]
Page 36, "About the Platform Administration Module"	Add the following Note: **Note -** Full active platform management is possible only when using the Java Console. The Web Console enables you to monitor all elements, and to set actions and thresholds. [CR 6872614]