Sun™ Management Center 3.5 Version 6 Release Notes for Sun Fire™ High-End Systems

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Sun Management Center 3.5 Version 6 Release Notes for Sun Fire High-End Systems

The *Sun™ Management Center 3.5 Version 6 Release Notes for Sun Fire High-End Systems* provides late-breaking news for Sun Management Center 3.5 Version 6 software for Sun Fire high-end systems. This document supplements the *Sun Management Center 3.5 Version 6 Supplement for Sun Fire High-End Systems*. It includes the following sections:

- "What's New in This Release" on page 1
- "Supported Systems and Environments" on page 2
- "Recommended Patches" on page 3
- "Obtaining the Add-On Software" on page 4
- "Documentation" on page 4
- "Known Limitations" on page 5
- "Known Bugs" on page 6

What's New in This Release

This section describes the changes in Sun Fire high-end systems software add-on components between the release of Sun Management Center 3.5 Version 4 software and this release of Sun Management Center 3.5 Version 6 add-on software for Sun Fire high-end systems.

- Adds support for System Management Services (SMS) 1.5.
- Adds support for UltraSPARC® IV+ CPU/Memory boards.

Supported Systems and Environments

Sun Management Center 3.5 Version 6 software for Sun Fire high-end systems supports the following systems:

- Sun Fire E25K/E20K
- Sun Fire 15K/12K

TABLE 1 lists the software versions required for Sun Fire high-end systems support for this release.

Note – If you want to use dynamic configuration (DR) with this release, you must include the Dynamic Reconfiguration for Sun Fire High-End and Midrange Systems add-on during installation. You must install this new version even if a previous version of the DR add-on is already installed on the system.

TABLE 1 Minimum required Software Versions

Host	Required Software	Version
Server machine	Solaris[1] Operating System	8 2/04 9 9/04 10
	Sun Management Center server base software	
	for Solaris 8 or 9	3.5 Update 1
	for Solaris 10	3.5 Update 1b with patch 118389-07
	Sun Management Center Sun Fire High-End Systems add-on software	3.5 Version 6
System controllers	Solaris[1] Operating System	8 2/04 9 9/04
	System Management Services (SMS)	1.4.1
	Sun Management Center base software	3.5 Update 1
	Sun Management Center Sun Fire High-End Systems add-on software	3.5 Version 6
Sun Fire High-End Systems domains	Solaris[1] Operating System	8 2/04 9 9/04 10

TABLE 1 Minimum required Software Versions *(Continued)*

Host	Required Software	Version
	Sun Management Center base software	
	for Solaris 8 or 9	3.5 Update 1
	for Solaris 10	3.5 Update 1b with patch 118389-07
	Sun Management Center Sun Fire High-End Systems add-on software	3.5 Version 6
Workstations (for console layer)	Solaris[1] Operating System	2.6, 7, 8, 9, 10
	Sun Management Center console base software	3.5 Update 1
	for Solaris 10	3.5 Update 1b with patch 118389-07

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

Recommended Patches

Note – Sun Management Center patch 118389-07 is *required* for Solaris 10. It is also recommended for other releases of Solaris.

The following Solaris patches are recommended for Solaris 10 versions earlier than s10u1_b8:

- 119974-01
- 120182-01

Always use the latest versions of patches. More software patches might be available for the Sun Management Center 3.5 application. You must install all the patches required for your operating environment before installing the latest update of the Sun Management Center 3.5 software and this add-on.

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

`http://sunsolve.sun.com`

You can also download the patches from the Sun Management Center product web site:

`http://www.sun.com/sunmanagementcenter`

For more information about the patches required for the latest update to Sun Management Center 3.5 software, see the corresponding *Sun Management Center Software Release Notes*.

Obtaining the Add-On Software

The Sun Management Center 3.5 Version 6 add-on software packages for Sun Fire high-end systems are supplied in a zip file named

`Sun_MC-3_5_Addon_V6-GA.zip`

on the software download site:

`http://wwws.sun.com/software/download/index.html`

If you don't see the listing for Sun Management Center 3.5 Version 6 under New Downloads, do the following:

1. **Click on the A-Z Index of All Products.**
2. **Click on M.**
3. **Scroll down and click on Management Center 3.5 Version 6.**
4. **Click on Download.**
5. **Log in to the Download Center.**
6. **Click on Accept to accept the License Agreement, and click on Continue.**
7. **Follow the instructions on the download page.**

Documentation

For details about using Sun Managemant Center 3.5 Version 6 for Sun Fire high-end systems, see the *Sun Management Center 3.5 Version 6 Supplement for Sun Fire High-End Systems*. Refer to the preface of that document for information about related documentation.

Sun documentation can be found here:

`http://www.sun.com/documentation/`

Known Limitations

If there are any known limitations for the System Management Services (SMS) operations, or dynamic reconfiguration (DR) operations, they are documented in:

- *System Management Services (SMS) Release Notes*
- *Solaris Release Notes Supplement for Sun Hardware* for your version of Solaris

These release notes describe known limitations that may affect this release of the Sun Management Center 3.5 Version 6 add-on software for the Sun Fire high-end systems.

Use CLI Commands for Hot-Swapping Operations

Use command-line interface (CLI) commands to perform hot-swap operations, rather than Sun Management Center 3.5 Version 6 add-on software for Sun Fire high-end systems. For more information about hot-swapping operations on Sun Fire high-end Systems, refer to the latest *Sun Fire High-End and Midrange Systems Dynamic Reconfiguration User's Guide* and the Sun Fire systems service manual for your Sun Fire model.

Domain Config Reader Not Compatible With Veritas Netbackup SSO on a Tape Drive Connected to a SAN

If your tape drive is *not* connected to a storage area network (SAN), you are *not* affected by this problem.

If you have a StorageTek tape drive attached to a SAN, which is being used by Veritas Netbackup SSO, the Sun Management Center 3.5 Sun Fire High-End Systems Domain Config Reader is not compatible with the Veritas Netbackup SSO implementation. The Domain Config Reader does not issue commands that change the state or tape position of the device. However, because the tape device is attached to the SAN and is not a locally attached device, it can result in a SCSI being reset. The cause of the problem is that two separate hosts both can have devices opened at the same time.

Workaround: If you have this problem, contact your Sun service representative.

PDSM Needs More Descriptive Error Messages

The Platform/Domain State Management (PDSM) module needs to describe what is wrong and what causes the error in its error messages.

Workaround: When you see an error while working in the PDSM module, look in these log files to see the status of the operation:

- `/var/opt/SUNWsymon/log/pdsm.log` or `platform.log`
- `/tmp/pdsm.log`
- console log file
- `/var/opt/SUNWSMS/`*SMS version*`/adm/platform/messages`, where *SMS version* is the running version of SMS, such as `SMS1.4.1`

Known Bugs

This section describes software bugs that were known at the time of this release and that you might notice or that can affect the operation of Sun Management Center 3.5 Version 6 software for Sun Fire high-end systems.

Alarms Table Does Not Update Centerplane Bus Alarms

The Alarms table sometimes does not display updated alarms after you change the centerplane bus mode. If one of two centerplane support boards (CSBs) is degraded and the other is operating, an appropriate alarm is displayed in the Alarms table. If you then return the degraded CSB to operating mode, but degrade the second CSB, the Alarms table will not display the updated alarm information.

Workaround: Refer to the Domains table for the correct bus configurations.

[6248158]

Alarm Table Does Not Update When Disabled System Boards Removed

Processors with the status `degraded` or `offline` generate corresponding alarms, which can be seen in both the Alarms table and the Processor table. After the system board is removed, the alarms no longer appear in the Processor table; however, they remain erroneously displayed in the Alarms table. [6249010, 6248755]

Acknowledging Alarms Can "Hang" Console

Acknowledging Alarms in the Alarms table of the domain console sometimes causes the console to "hang," displaying an hourglass mouse icon for a long period of time. [6248876]

Erroneous Alarms Generated Following DR With Empty DIMM Slots

When you use a dynamic reconfiguration (DR) operation to remove, then add, system boards containing empty memory slots in memory bank 1, the corresponding `POST Status` properties in the Memory Bank and DIMMs tables display the value `DISABLED`. A yellow alert alarm is generated, even though the DR operation has not changed the configuration. This alarm is erroneous. [6252214]

Domain Config Reader Sometimes Displays Erroneous Processor Type

The Domain Config Reader (DCR) displays the processor type UltraSPARC-III+ for an UltraSPARC-III++ processor.

Workaround: Use the Platform Config Reader (PCR) or the SMS `showboards` command to display the correct UltraSPARC-III++ processor type.

[6283373]

Platforms View Updates Slowly Following `addboard` With SMS CLI

After performing an `addboard` operation at the command-line interface (CLI) in System Management Services (SMS), the corresponding Sun Management Center Platform view sometimes requires 10 minutes to update.

Workaround: Allot up to 10 minutes for the Platform view to be updated.

[4997917]

System Information Missing from Hardware Summary View Following PDSM Operation

After executing a PDSM operation, you may encounter a lack of system information when viewing the Hardware Summary view.

Workaround: Close the Details window and reopen it to view the latest system information displayed in Hardware Summary view.

[5029899]