



Sun™ Management Center 3.5 Version 4 Release Notes for Sun Fire™ High-End Systems

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Sun Management Center 3.5 Version 4 Release Notes for Sun Fire High-End Systems

This document contains the following release notes for the Sun Management Center 3.5 add-on software for Sun Fire High-End Systems, Version 4:

- “Changes in Software” on page 1
- “Required Software Versions and Patches” on page 2
- “Obtaining the Add-on Software” on page 3
- “Finding the Documentation” on page 4
- “Known Limitations” on page 4
- “Known Bugs” on page 5

Changes in Software

This section describes the changes in Sun Fire High-End Systems software add-on components between the release of Sun Management Center 3.5 add-on software for Sun Fire 15K/12K systems, Version 2, and this release of Sun Management Center 3.5 add-on software for Sun Fire High-End Systems, Version 4.

All references to documents in this section apply to the *Sun Management Center 3.5 Version 4 Supplement for Sun Fire High-End Systems*, 817-4036-10.

- Adds support for the two new models in the Sun Fire High-End Systems family: the E25K and E20K. The supported model numbers for the release are:
 - Sun Fire E25K
 - Sun Fire E20K
 - Sun Fire 15K
 - Sun Fire 12K

- Adds support for UltraSPARC® IV central processing units (CPUs).
- Changes system title to the more generic Sun Fire High-End Systems rather than listing all the model numbers.

For more detailed information about situations that might affect the performance of Sun Management Center 3.5 software, refer to the:

- *System Management Services (SMS) 1.4.1 Release Notes*
- *Solaris Release Notes Supplement for Sun Hardware* for your version of Solaris

Required Software Versions and Patches

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 Required Software Versions

Host	Required Software	Version
Server machine	Solaris Operating Environment	Solaris 8 2/04 Solaris 9 4/04
	Sun Management Center base software	3.5
	Sun Management Center Sun Fire High-End Systems add-on software	3.5 Version 4
System controllers	Solaris Operating Environment	Solaris 8 2/04 Solaris 9 4/04
	System Management Services (SMS)	1.4.1
	Sun Management Center base software	3.5
	Sun Management Center Sun Fire High-End Systems add-on software	3.5 Version 4
Sun Fire High-End Systems domains	Solaris Operating Environment	Solaris 8, 9
	Sun Management Center base software	3.5

TABLE 1 Required Software Versions (Continued)

Host	Required Software	Version
Workstations (for console layer)	Sun Management Center Sun Fire High-End Systems add-on software	3.5 Version 4
	Solaris Operating Environment	Solaris 8, 9
	Sun Management Center base software	3.5

TABLE 2 lists patches required with this release. Always use the most recent version of the patch in question.

TABLE 2 Required and Recommended Patches

Patch	Required for	Operating Environment
117404	SMS 1.4.1 with Sun Fire Link	Solaris 8, 9
116164	Sun Fire Link with NAT	Solaris 8
116162	Sun Fire Link with NAT	Solaris 9

You can download patches from the SunSolveSM Web site at

<http://sunsolve.sun.com>

Obtaining the Add-on Software

The Sun Management Center 3.5 add-on software packages and documents for Sun Fire High-End Systems, Version 4, are supplied in a zip file named `SunManagementCenter_3_5_SunFire_Supplements_V4_RR.zip` on the software download site:

<http://www.sun.com/software/download/index.html>

If you don't see the listing for **Sun Management Center 3.5, Enterprise Systems Products Sun Fire Supplements V4** under New Downloads, do the following:

1. Click on the **A-Z Index of All Products**.
2. Click on **S**.

3. Scroll down and click on **Sun Management Center 3.5, Enterprise Systems Products Sun Fire Supplements V4**.
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.

Finding the Documentation

The English and localized documentation can be found in the following directory of the downloaded zip file:

```
disk2/image/Additional_Addon_Docs/
```

Known Limitations

If there are any known limitations for the System Management Services (SMS) 1.4.1 operations, or dynamic reconfiguration (DR) operations, they are documented in:

- *System Management Services (SMS) 1.4.1 Release Notes*
- *Solaris Release Notes Supplement for Sun Hardware* for your version of Solaris

These release notes describe known limitations for this release of the Sun Management Center 3.5 Version 4 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 4 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 Systems Dynamic Reconfiguration User Guide*, *System Management Services (SMS) Reference Manual*, 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 4 software for Sun Fire High-End Systems.

PCR System View Sometimes Displays Erroneous ACTIVATING State for Failover (5010351)

When a problem prevents failover from occurring, the Platform Config Reader (PCR) System view displays the `ACTIVATING` state rather than the `FAILED` state.

Workaround: Use the `SMS showfailover` command to determine the accurate status.

PCR CPU Board View Omits Critical Alarm When Test Fails (5038587)

When the `scBTest` test status for a CPU board is `FAILED`, the Platform Config Reader (PCR) CPU Board view does not display a critical alarm.

Workaround: Monitor test status for CPU boards in the PCR CPU Board table or by running the `SMS showboards` command.

Platforms View Updates Slowly Following addboard With SMS CLI (4997917)

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.

System Information Missing from Hardware Summary View Following PDSM Operation (5029899)

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.

Domain Views May Display Erroneous Domain ID Status (5028738)

When a slot board is listed in the Access Control List (ACL) with a given domain ID n , that domain ID n remains displayed in the Domain view even after the board has been unassigned from the domain in that view.

Workaround: To determine the correct domain ID, check the Platform view, not the Domain view.

Move Board Dialog Does Not Indicate Completion of Operation (5029907)

After performing a Move Board operation in the graphical user interface (GUI), you can track its status in the progress section of the Move Board dialog. However, there may be instances where an operation is successful but does not display a completion message.

Workarounds: Circumvent this issue using either the GUI or the command-line interface (CLI):

- *GUI* – Close the Move Board dialog and open the Show Status dialog to view any messages related to the operation. The following message indicates the operation has completed:

```
No status from the agent.
```

- *CLI* – The output of this command executed on the SC will tell you whether the operation has completed:

```
% ps -ef | grep moveboard
```

Confirmation Dialog Boxes for Domain DR Operations Can Be Edited (5027103)

The following Domain DR operations result in confirmation dialog boxes that can be edited:

- Detach, Attach
- Unassign, Assign

- Power On, Power Off

Workaround: Editing the contents of these dialog boxes does not affect SunMC 3.5 functionality. Please click the OK or Cancel button.

Alarms Do Not Appear in PCR Hardware Tab's Physical or Logical Views (5034791)

Information about alarms is not displayed in the Physical or Logical views available under the Platform Config Reader (PCR) Hardware tab.

Workaround: To view alarm information, look instead in one of these places:

- Use the Hardware tab in the Details window to access the PCR module. The alarm info is displayed in the CPU Board table.
- Use the Alarms tab in the Details window to access the Alarms table. The alarm info is listed in the table.

Sun Fire Link Dialog Boxes May Display Erroneous Information (4984273)

When using the Sun Fire Link graphical user interface (GUI) with Sun Fire midrange systems, you may encounter unexpected behavior. Dialog boxes sometimes do not close when you click the Ok button. Status messages in dialog boxes may sometimes reflect outdated information.

Workaround: If you encounter this behavior, use the command-line interface (CLI) instead of the GUI for up-to-date status information.