



Sun™ Management Center 3.0 Platform Update 4 Release Notes for Sun Fire™ 15K Systems

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Sun Management Center 3.0 Release Notes for Sun Fire 15K Systems

This document contains the following Sun Management Center 3.0, Platform Update 4, Release Notes for the Sun Fire 15K systems:

- “Changes in Software” on page 1
- “General Issues” on page 3
- “Known Limitations” on page 4
- “Known Bugs” on page 5

For more detailed information about situations that may affect the performance of Sun Management Center 3.0 software, refer to the:

- *System Management Services (SMS) 1.2 Installation Guide and Release Notes*
- *Sun Fire 15K Dynamic Reconfiguration Release Notes*

Changes in Software

This section describes the changes in Sun Fire 15K software add-on components between the release of Sun Management Center 3.0, Partner Update 3, software and this release of Sun Management Center 3.0, Platform Update 4, software.

All references to documents in this section apply to the *Sun Management Center 3.0 Supplement for Sun Fire 15K Systems*, 816-2701-10, February 2002.

- Enhances performance of the Platform Config Reader (PCR) and the domain Dynamic Reconfiguration (DR) module.
- Enables the Platform/Domain State Management (PDSM) module to provide dynamic reconfiguration operations from the Sun Fire 15K system controller as described in Chapter 7.

- Enables the Dynamic Reconfiguration module to provide dynamic reconfiguration operations from a domain as described in Chapter 8.
- Adds the following property tables to the Platform Config Reader:
 - Sun Fire Link PCI (WPCI) Board (see “WPCI Board” on page 106).
 - Parallel Optical Link (Paroli) Card (see “Paroli Card” on page 112).
- Adds the following property tables to the Domain Config Reader:
 - Sun Fire Link PCI (WPCI) Board (see “WPCI Board” on page 133).
 - Parallel Optical Link (Paroli) Card (see “Paroli Card” on page 135).
 - Sun Fire Link Interface (WCI) (see “WCI” on page 142).
- Adds the following alarms to the Domain Config Reader:
 - Link Status Rule, which generates an alarm when the link is not up (see “Link Status Rule (scLnkSt)” on page 146).
 - Link Valid Rule, which generates an alarm when the link is invalid (see “Link Valid Rule (scLnkVld)” on page 146).
- Adds the following property table to the domain Dynamic Reconfiguration module under Attachment Points:
 - Sun Fire Link PCI (WPCI) Board (see “WPCI” on page 167).
- In the Platform/Domain State Management module, adds Show Status menu options to show status for platform dynamic reconfiguration operations (see “Showing Status” on page 188) and domain dynamic reconfiguration operations (see “Showing Status” on page 200).
- Adds a Power State field to the Fan Tray table in the Platform/Domain State Management module (see “Fan Trays” on page 160).

Bugs Fixed

The following bugs were fixed for this release of software:

- PDSM Erroneously Submits `addboard`, `deleteboard`, and `moveboard` Commands (Bug ID 4452581)
- Indeterminate Status (Black Splat Alarm) Reported for Domain DR GUI (Bug ID 4470624)
- DR Operations Should Warn If No Permission To Perform Operation (Bug ID 4477361)
- Physical View Displays hPCI Card Instead of hPCI Cassette (Bug ID 4481009)
- Cannot Turn Fan Tray Power On After It Is Turned Off (Bug ID 4493412)

Preinstallation

This section discusses preinstallation steps you need to take before installing this release.

Ensure SMS 1.2 Is Installed on Your System

This release of Sun Management Center 3.0 software for Sun Fire 15K systems works *only* with System Management Services (SMS) 1.2 software.

Before Installing Domain Dynamic Reconfiguration, Remove `.dat` File

If you have installed the Dynamic Reconfiguration module from Platform Update 3 (PU3), before installing the DR module from PU4, check for the presence of the following file:

```
/var/opt/SUNWsymon/cfg/dr-serengeti.dat
```

Then remove the file.

General Issues

This section discusses general issue for this release.

Setup and Uninstall Scripts Stop With Corrupt `pkginfo` File

Sun Management Center 3.0 setup and uninstall scripts stop if they detect any corrupt `pkginfo` files anywhere on the system, not necessarily related to Sun Management Center software.

Workaround: Fix the package with the corrupt `pkginfo` file, and restart the setup or uninstall script.

Known Limitations

If there are any known limitations for the Sun Fire 15K system, System Management Services (SMS) 1.2 operations, or dynamic reconfiguration operations, they are documented in the:

- *System Management Services (SMS) 1.2 Installation Guide and Release Notes*
- *Sun Fire 15K Dynamic Reconfiguration Release Notes*

These Release Notes describe known limitations for this release of the Sun Management Center 3.0 add-on software packages for the Sun Fire 15K system.

Domain Config Reader Is 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 3.0 Sun Fire 15K 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/SUNWSMW/SMS version/adm/platform/messages`, where *SMS version* is the running version of SMS, such as `SMS1.2`

Known Bugs

This section describes software bugs that were known at the time of this release and that you may notice or that can affect the operation of Sun Management Center 3.0 software for Sun Fire 15K systems.

Refresh Details Check Box Does Not Refresh Logical View (Bug ID 4380271)

Logical View system data is not refreshed even though the Refresh Details check box is checked. For example, if you look at the system data displayed for the centerplane in the Platform Config Reader and then look at the data in the Logical View of the centerplane—with the Refresh Details check box checked—the Logical View of the centerplane shows old data.

Workaround: To obtain refreshed data in the Logical View, click on another folder or object, and then click again on the original folder or object. For example, to obtain refreshed data for the centerplane, click on the centerplane support board, and then click on the centerplane again.

Details Window Shows Erroneous Message When Loading Hardware Information (Bug ID 4393225)

When hardware information appears on the screen from the Hardware tab in any of the Details windows, you receive this message:

Loading Hardware Resource failed.

Workaround: Ignore this message.

Unconfigure Memory Progress Bar Is Not Working (Bug ID 4477189)

A command has completed successfully and the status says “Command Completed.” However, the status bar indicating the progress of unconfiguring memory shows no progress.

Workaround: Ignore the progress bar.

DR Test Completion Does Not Update GUI in a Timely Manner (Bug ID 4523892)

When a DR test operation completes, the GUI is not updated until the next refresh cycle (no more than 30 minutes).

Workarounds: Perform a harmless DR operation from the GUI, such as unassign on any eligible board, to cause the GUI to refresh correctly.

WCI Whose Paroli Cards Were Removed From a Cluster Should Not Display Information (Bug ID 4524907)

If a Paroli card has been part of a Sun Fire Link Interface and then is removed, the entry for that Paroli card is still present in the Paroli Card table. The Link Status field of the Paroli card will have `WAIT FOR SC LINK UP`, and the Remote Cluster Member field is blank or `NULL`.

Workaround: You can still determine that the Paroli card is no longer part of the WCI by looking for `WAIT FOR SC LINK UP` in the Link Status field.

MaxCPU Disconnect Dialog Box Does Not Appear (Bug ID 4525219)

If you are using the DR module, the Disconnect dialog box does not appear when you want to disconnect a MaxCPU board.

Workaround: You can use the PDSM module on the SC to disconnect the MaxCPU board.

Indeterminate State Reported for Domain DR Module (Bug ID 4528042)

The Domain Config Reader issues a command to gather enclosure information once a day. Infrequently, this operation fails, causing an indeterminate state (black splat) to appear on the DR module. The DR module works despite the *black splat* alarm.

Workaround: Unload, then reload the DR module.

