Sun™ Management Center 3.5 Version 2 Release Notes for Sun Fire™ 15K/12K Systems

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Sun Management Center 3.5 Version 2 Release Notes for Sun Fire 15K / 12K Systems

This document contains the following release notes for the Sun Management Center 3.5 add-on software for Sun Fire 15K / 12K systems, Version 2:

- "Changes in Software" on page 2
- "Bugs Fixed" on page 2
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- "Known Bugs" on page 10

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) 1.3 or 1.4 Installation Guide and Release Notes*
- *Sun Fire 15K/12K Dynamic Reconfiguration Release Notes*

Changes in Software

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

All references to documents in this section apply to the *Sun Management Center 3.5 Version 2 Supplement for Sun Fire 15K/12K Systems*, 817-3626-10, November 2003.

- Adds support for the CP2140 system controller to use with System Management Services (SMS) 1.3 or 1.4 software.
- Adds support for automatic fault event notification to use with System Management Services 1.4 software.

Bugs Fixed

The following bugs were fixed for this Sun Management Center 3.5 release of add-on software for Sun Fire 15K/12K systems, Version 2:

4860962 - Message Displayed by Sun Management Setup Wizard Might Be Truncated

4852731 - Black Splat Displayed in System Table When Failover Is in Activating Status

Required Software Versions

TABLE 1 lists the software versions required for Sun Fire 15K/12K platform support if you are using System Management Services (SMS) 1.3, and TABLE 2 lists the software versions required if you are using SMS 1.4.

TABLE 1 Required Software Versions for SMS 1.3

Host	Required Software	Version
Server machine	Solaris Operating Environment	8, 9
	Sun Management Center base software	3.5
	Sun Management Center Sun Fire 15K/12K add-ons	3.5 Version 2
System controllers	Solaris Operating Environment	8, 9
	System Management Services (SMS)	1.3 (Automatic fault event notification *not* supported.) To support the CP2140 board, contact your Sun service personnel for the SMS 1.3 patches you need.
	Sun Management Center base software	3.5
	Sun Management Center Sun Fire 15K/12K add-ons	3.5 Version 2
Sun Fire 15K/12K domains	Solaris Operating Environment	8, 9
	Sun Management Center base software	3.5
	Sun Management Center Sun Fire 15K/12K add-ons	3.5 Version 2
Workstations (for console layer)	Solaris Operating Environment	2.6, 7, 8, 9
	Sun Management Center base software	3.5

TABLE 2 Required Software Versions for SMS 1.4

Host	Required Software	Version
Server machine	Solaris Operating Environment	8, 9
	Sun Management Center base software	3.5
	Sun Management Center Sun Fire 15K/12K add-ons	3.5 Version 2

System controllers	Solaris Operating Environment	Solaris 8 02/02, patch 108528-24 for SPARC with these packages:
		`SUNWcpasm.u`
		`SUNWcph.u`
		`SUNWcphu`
		`SUNWcphx.u`
		
		Solaris 9 12/03 and later with these packages:
		`SUNWcph.u`
		`SUNWcphu`
		`SUNWcphx.u`

	System Management Services (SMS)	1.4 (Automatic fault event notification *is* supported.)
	Sun Management Center base software	3.5
	Sun Management Center Sun Fire 15K/12K add-ons	3.5 Version 2
Sun Fire 15K/12K domains	Solaris Operating Environment	8, 9
	Sun Management Center base software	3.5
	Sun Management Center Sun Fire 15K/12K add-ons	3.5 Version 2
Workstations (for console layer)	Solaris Operating Environment	2.6, 7, 8, 9
	Sun Management Center base software	3.5

Caution – Sun Management Center software might terminate or print error messages if a new version of the SMS software is installed on the system controller, but the Sun Management Center software is not upgraded to a compatible release. Be sure that you restart the Sun Management Center software on the system controller after you upgrade the SMS software. If need be, upgrade your Sun Management Center software to a compatible release.

Note – If you restart the Sun Management Center software before the SMS software starts, you might see a gray stop sign that states “status is spare,” or if the SC monitoring module is loaded, you might see the message “Module is on the spare SC or required SMS daemon(s) is stopped.” These messages disappear once the SMS software starts. No action is required.

Required Patches

This section lists the required patches you will need depending on whether you are using this release of software with SMS 1.3 or SMS 1.4.

Using System Management Services 1.3

If you want to use this release of Sun Management Center 3.5 add-on software for Sun Fire 15K/12K systems, Version 2, to support the CP2140 system controller with System Management Services 1.3 software, contact your Sun service personnel to determine the SMS 1.3 patches you need.

Using System Management Services 1.4

If you want to use this release of Sun Management Center 3.5 add-on software for Sun Fire 15K/12K systems, Version 2, to support the CP2140 system controller with System Management Services 1.4 software, you need this patch for the Solaris 8 02/02 operating environment:

- Solaris 8 02/02, patch 108528-24 with these packages:
  - `SUNWcpasm.u`
  - `SUNWcph.u`
  - `SUNWcphu`

- SUNWcphx.u

You need these packages with the Solaris 9 12/03 operating environment:

- SUNWcph.u
- SUNWcphu
- SUNWcphx.u

Note – If any of the above packages do not come with the patch or with the release of Solaris software, contact your Sun Service personnel.

Obtaining the Add-on Software

The Sun Management Center 3.5 add-on software packages and documents for Sun Fire 15K/12K systems, Version 2, are supplied in a zip file named SunManagementCenter_3_5_SunFire_Supplements_V2 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, Enterprise Systems Products Sun Fire Supplements - Version 2** 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 - Version 2.**
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/`

Documentation Issues

This section discusses any documentation issues that concern this release.

In Table 2-1 of the *Sun Management Center 3.5 Version 2 Supplement for Sun Fire 15K/12K Systems*, package sizes are removed, packages are rearranged, and corresponding layers are added for ease of use.

TABLE 3 Sun Management Center Packages for the Sun Fire 15K/12K Systems

Package	Description	Layer
SUNWesscp	Sun Management Center Sun Fire 15K/12K Platform Agent Support	Agent
SUNWesscd	Sun Management Center Sun Fire 15K/12K Domain Agent Support	Agent
SUNWscsca	Sun Management Center Sun Fire 15K/12K System Controller Agent Support	Agent
SUNWesadf	Sun Management Center Agent Support for Dynamic Reconfiguration on Sun Fire 15K/12K/6800/4810/4800/3800 systems	Agent
SUNWesscg	Sun Management Center Sun Fire 15K/12K Common Support (Master Setup and Uninstall Scripts)	Agent, Server
SUNWensca	Sun Management Center Sun Fire 15K/12K English Message Files	Agent, Server
SUNWesscs	Sun Management Center Sun Fire 15K/12K Server Support	Server
SUNWscscs	Sun Management Center Sun Fire 15K/12K System Controller Server Support	Server
SUNWessdf	Sun Management Center Server Support for Dynamic Reconfiguration on Sun Fire 15K/12K/6800/4810/4800/3800 systems	Server

TABLE 3 Sun Management Center Packages for the Sun Fire 15K/12K Systems

Package	Description	Layer
SUNWesccd	Sun Management Center Sun Fire Support - Console Component for Dynamic Reconfiguration	Server, Console
SUNWescdf	Sun Management Center Console Support for Dynamic Reconfiguration on Sun Fire 15K/12K/6800/4810/4800/3800 systems	Server, Console
SUNWensdr	Sun Management Center Sun Fire 15K/12K/6800/4810/4800/3800 English DR Message Files	Server, Console

Installation

This section describes any issues around installation for this release.

Supporting CP2140 System Controller Boards

You must reinstall System Controller agent add-on software on both the system controllers and the Sun Management Center server to support CP2140 boards.

Installing Separately Released Add-on Products

For a new installation for this release:

1. **Log in as superuser on the host machine.**
2. **Change the directory to the** *path*`/sbin` **directory, where** *path* **is the location of the Sun Management Center 3.5 CD or the disk copy of the CD.**
3. **Install the Sun Management Center 3.5 base software using** `es-inst` **or** `es-guiinst`**.**
4. **Change the directory to the path where you installed the base software in Step 3 (***installed_directory*`/SUNWsymon/sbin`**).**
5. **Run the** `es-inst` **or** `es-guiinst` **script again with a pointer to the path where you placed the Sun Fire 15K/12K add-on software for Version 2. Use the** `disk1` **image (***addon_path*`/disk1/image`**).**

   You receive a list of add-on products you can install.
6. **Select those add-ons that apply to Sun Fire 15K/12K systems, and click Next.**

Note – If you already have installed the Sun Management Center 3.5 base software and the Sun Fire 15K/12K add-on software, uninstall the Sun Fire 15K/12K add-on software and follow the instructions in Step 5 to install the Sun Fire 15K/12K add-on software for Version 2.

Known Limitations

If there are any known limitations for the Sun Fire 15K/12K systems, System Management Services (SMS) 1.3 or 1.4 operations, or dynamic reconfiguration operations, they are documented in the:

- *System Management Services (SMS) 1.3* or *1.4 Installation Guide and Release Notes*
- *Sun Fire 15K/12K Dynamic Reconfiguration Release Notes*

These Release Notes describe known limitations for this release of the Sun Management Center 3.5 Version 2 add-on software for the Sun Fire 15K/12K systems.

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 3.5 Sun Fire 15K/12K 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 might notice or that can affect the operation of Sun Management Center 3.5 Version 2 software for Sun Fire 15K/12K systems.

Platform Icon Might Not Be Visible on Right Panel of Sun Management Center Console (4864183)

If you reinstall and set up the Sun Fire 15K/12K add-on software on the server layer, the platform icon might not be visible on the right panel of the Sun Management Center console in various situations.

Workaround: Choose from the following two workarounds:

- If you have no need to use the platform icon, use the hierarchy that is located on the left panel of the Sun Management Center console for navigation.
- If you prefer that the platform icon is visible, use the following command to copy the icon file into the appropriate directory:

```
# cp /opt/SUNWsymon/classes/base/console/cfg/topoimages \
sf15000-platform-xlarge.gif /var/opt/SUNWsymon/cfg/deviceimages \
Starcat-sf15000-platform-xlarge.gif
```

Note – The new file name is different than the original file name.