



# Sun™ Management Center 3.5 Version 6 Release Notes for Sun Fire™ Midrange Systems

---

Sun Microsystems, Inc.  
www.sun.com

Part No. 819-0794-12  
August 2005, Revision A

Submit comments about this document at: <http://www.sun.com/hwdocs/feedback>

Copyright 2005 Sun Microsystems, Inc., 4150 Network Circle, Santa Clara, California 95054, U.S.A. All rights reserved.

Sun Microsystems, Inc. has intellectual property rights relating to technology that is described in this document. In particular, and without limitation, these intellectual property rights may include one or more of the U.S. patents listed at <http://www.sun.com/patents> and one or more additional patents or pending patent applications in the U.S. and in other countries.

This document and the product to which it pertains are distributed under licenses restricting their use, copying, distribution, and decompilation. No part of the product or of this document may be reproduced in any form by any means without prior written authorization of Sun and its licensors, if any.

Third-party software, including font technology, is copyrighted and licensed from Sun suppliers.

Parts of the product may be derived from Berkeley BSD systems, licensed from the University of California. UNIX is a registered trademark in the U.S. and in other countries, exclusively licensed through X/Open Company, Ltd.

Sun, Sun Microsystems, the Sun logo, Java, docs.sun.com, Sun Fire, Sun Management Center, and Solaris are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and in other countries.

All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. in the U.S. and in other countries. Products bearing SPARC trademarks are based upon an architecture developed by Sun Microsystems, Inc.

The OPEN LOOK and Sun™ Graphical User Interface was developed by Sun Microsystems, Inc. for its users and licensees. Sun acknowledges the pioneering efforts of Xerox in researching and developing the concept of visual or graphical user interfaces for the computer industry. Sun holds a non-exclusive license from Xerox to the Xerox Graphical User Interface, which license also covers Sun's licensees who implement OPEN LOOK GUIs and otherwise comply with Sun's written license agreements.

U.S. Government Rights—Commercial use. Government users are subject to the Sun Microsystems, Inc. standard license agreement and applicable provisions of the FAR and its supplements.

DOCUMENTATION IS PROVIDED "AS IS" AND ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE DISCLAIMED, EXCEPT TO THE EXTENT THAT SUCH DISCLAIMERS ARE HELD TO BE LEGALLY INVALID.

---

Copyright 2005 Sun Microsystems, Inc., 4150 Network Circle, Santa Clara, Californie 95054, Etats-Unis. Tous droits réservés.

Sun Microsystems, Inc. a les droits de propriété intellectuels relatants à la technologie qui est décrit dans ce document. En particulier, et sans la limitation, ces droits de propriété intellectuels peuvent inclure un ou plus des brevets américains énumérés à <http://www.sun.com/patents> et un ou les brevets plus supplémentaires ou les applications de brevet en attente dans les Etats-Unis et dans les autres pays.

Ce produit ou document est protégé par un copyright et distribué avec des licences qui en restreignent l'utilisation, la copie, la distribution, et la décompilation. Aucune partie de ce produit ou document ne peut être reproduite sous aucune forme, par quelque moyen que ce soit, sans l'autorisation préalable et écrite de Sun et de ses bailleurs de licence, s'il y en a.

Le logiciel détenu par des tiers, et qui comprend la technologie relative aux polices de caractères, est protégé par un copyright et licencié par des fournisseurs de Sun.

Des parties de ce produit pourront être dérivées des systèmes Berkeley BSD licenciés par l'Université de Californie. UNIX est une marque déposée aux Etats-Unis et dans d'autres pays et licenciée exclusivement par X/Open Company, Ltd.

Sun, Sun Microsystems, le logo Sun, Java, AnswerBook2, docs.sun.com, Sun Fire, Sun Management Center, et Solaris sont des marques de fabrique ou des marques déposées de Sun Microsystems, Inc. aux Etats-Unis et dans d'autres pays.

Toutes les marques SPARC sont utilisées sous licence et sont des marques de fabrique ou des marques déposées de SPARC International, Inc. aux Etats-Unis et dans d'autres pays. Les produits portant les marques SPARC sont basés sur une architecture développée par Sun Microsystems, Inc.

L'interface d'utilisation graphique OPEN LOOK et Sun™ a été développée par Sun Microsystems, Inc. pour ses utilisateurs et licenciés. Sun reconnaît les efforts de pionniers de Xerox pour la recherche et le développement du concept des interfaces d'utilisation visuelle ou graphique pour l'industrie de l'informatique. Sun détient une licence non exclusive de Xerox sur l'interface d'utilisation graphique Xerox, cette licence couvrant également les licenciées de Sun qui mettent en place l'interface d'utilisation graphique OPEN LOOK et qui en outre se conforment aux licences écrites de Sun.

LA DOCUMENTATION EST FOURNIE "EN L'ÉTAT" ET TOUTES AUTRES CONDITIONS, DECLARATIONS ET GARANTIES EXPRESSES OU TACITES SONT FORMELLEMENT EXCLUES, DANS LA MESURE AUTORISEE PAR LA LOI APPLICABLE, Y COMPRIS NOTAMMENT TOUTE GARANTIE IMPLICITE RELATIVE A LA QUALITE MARCHANDE, A L'APTITUDE A UNE UTILISATION PARTICULIERE OU A L'ABSENCE DE CONTREFAÇON.



Adobe PostScript

# Contents

---

What's New in This Release	1
Supported Systems and Environments	2
Recommended Patches	3
Obtaining the Add-On Software	4
Documentation	4
General Information	5
Automatic Diagnosis and Recovery Features Not Reported	5
Use CLI Commands for Hot-Swapping Operations	5
Known Bugs	5
Physical View and Logical View Do Not Display IO Board Information When SB Slots Empty	6
Platform Agent Information Not Retained When Upgrading, Reinstalling	6
Modification of ESDIR Slows Physical & Logical View Updates	6
Platform Administration Module Might Generate Erroneous Failover Alarm	6
Platform Chassis Table Displays Erroneous Slots Quantity	7
Platform Slots CPU Boards Table Sometimes Displays Erroneous unknown Test Status	7
Agent Update Status Reports Failed, But Is Actually Successful	7
Platform Administration Module Displays Indeterminate State Icon After Network Connection Is Recovered	7

Illegible Timestamp Values in Data Acquisition Table 8

Platform Administration Chassis and Domain X Syslog Loghosts Cannot Be Removed or Cleared 9

Platform Administration Chassis and Domain X Trap Host Can Be Removed and Cleared 9

Platform Administration Slot SC Time Zone Does Not Update Quickly When Changed Using CLI Command 9

# Sun Management Center 3.5 Version 6 Release Notes for Sun Fire Midrange Systems

---

This document contains the Sun Management Center 3.5 Version 6 Release Notes for the Sun Fire Midrange 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](#)
- [“General Information” on page 5](#)
- [“Known Bugs” on page 5](#)

---

## What’s New in This Release

This section describes changes in Sun Fire Midrange Systems add-on software between the release of Sun Management Center 3.5 Version 3 software and this release of Sun Management Center 3.5 Version 6 add-on software for Sun Fire Midrange Systems.

- Adds support for Sun Fire midrange systems firmware 5.19.0.
- Adds support for UltraSPARC® IV+ CPU/Memory boards.

---

# Supported Systems and Environments

Sun Management Center 3.5 Version 6 software for Sun Fire midrange systems supports the following systems:

- Sun Fire E6900/E4900
- Sun Fire 6800/4810/4800/3800

[TABLE 1](#) lists the software versions required for Sun Management Center 3.5 Version 6 add-on software for Sun Fire midrange systems.

**TABLE 1** Minimum Required Software Versions

Host	Required Software	Version
Server machine	Solaris <sup>1</sup> Operating System	8 2/04 9 9/04 10
	Sun Management Center server base software	
	for Solaris 8 or 9 for Solaris 10	3.5 Update 1 3.5 Update 1b with patch 118389-07
	Sun Management Center Sun Fire Midrange Systems add-on software	3.5 Version 6
System controllers	Real-Time Operating System (RTOS)	Correct version is installed with the firmware
	Sun Fire Midrange Systems Firmware	5.18.0
Sun Fire midrange systems domains	Solaris <sup>1</sup> Operating System	8 2/04 9 9/04 10
	Sun Management Center base software	
	for Solaris 8 or 9 for Solaris 10	3.5 Update 1 3.5 Update 1b with patch 118389-07

**TABLE 1** Minimum Required Software Versions (*Continued*)

Host	Required Software	Version
	Sun Management Center Sun Fire midrange systems add-on software	3.5 Version 6
Workstations or common network location (for console layer)	Solaris <sup>1</sup> Operating System	2.6, 7, 8, 9, 10
	Sun Management Center console base software for Solaris 10	3.5 Update 1 3.5 Update 1b with patch 118389-07

<sup>1</sup> Solaris Operating System distribution must be at least “End User Systems Support.”

---

**Note** – The Sun Management Center server and agent machines need to use the same versions of add-on software.

---

---

## Recommended Patches

---

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

---

The following Solaris patches are recommended for Solaris 10 versions earlier than s10u1\_b8:

- 119974-01
- 120182-01

Solaris 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 midrange systems are supplied in a zip file named

`Sun_MC-3_5_Addon_V6-GA.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 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 Management Center 3.5 Version 6 for Sun Fire midrange systems, see the *Sun Management Center 3.5 Version 6 Supplement for Sun Fire Midrange Systems*.

Sun documentation can be found here:

<http://www.sun.com/documentation/>



For more detailed information about situations that might affect the performance of Sun Management Center 3.5 Version 6 add-on software for Sun Fire midrange systems, refer to the *Sun Fire Midrange Systems Firmware Release Notes*.

---

## General Information

This section describes general information about this release of Sun Management Center 3.5 Version 6 add-on software for Sun Fire Midrange Systems.

## Automatic Diagnosis and Recovery Features Not Reported

Sun Management Center does not report the fault event information reported in the automatic diagnosis and recovery features provided in firmware release 5.15 and greater as described in the *Sun Fire Midrange Systems Platform Administration Manual* and the *Sun Fire Midrange System Controller Command Reference Manual* for 5.15 and greater.

## 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 Midrange Systems. For more information about hot-swapping operations on Sun Fire Midrange Systems, refer to the latest *Sun Fire High-End and Midrange Systems Dynamic Reconfiguration User's Guide*, *Sun Fire Midrange System Controller Command Reference Manual*, and Sun Fire systems service manual for your Sun Fire model.

---

## Known Bugs

This section describes software bugs known at the time of this release and that you may notice or that can affect the operation of Sun Management Center 3.5 Version 6 add-on software for Sun Fire midrange systems.

## Physical View and Logical View Do Not Display IO Board Information When SB Slots Empty

If all system boards are removed except for the IO board, the Physical View does not display the image of the IO board, and the Logical View does not contain the node of the IO board with its corresponding information. [6290060]

## Platform Agent Information Not Retained When Upgrading, Reinstalling

Information about Platform agents is not retained when you uninstall or upgrade the software.

*Workaround:* Rerun the setup on each of the individual platform agents after installing the software.

[6285536]

## Modification of ESDIR Slows Physical & Logical View Updates

The default value of the environment variable ESDIR is set to

`/var/opt/SUNWsymon`

If you change the value of ESDIR, updates to the Physical and Logical views will be slowed. [6220399]

## Platform Administration Module Might Generate Erroneous Failover Alarm

The platform agent sometimes generates erroneous failover alarms. This can occur when more than one platform agent is registered to receive failover traps for a given Sun Management Center server. A failover alarm for one system may then erroneously refer to another system. [6231190]

## Platform Chassis Table Displays Erroneous Slots Quantity

In the Platform Chassis table, the Chassis Slots property may display an incorrect total quantity of slots on a Sun Fire 6800 chassis. There is no physical chassis slot for ID0, but that ID is erroneously counted. [4975880]

## Platform Slots CPU Boards Table Sometimes Displays Erroneous unknown Test Status

In the Platform Slots CPU Boards table, boards that that should have the CPU Board Test Status value `disabled` sometimes erroneously display the value `unknown`.

*Workaround:* Use the CLI `showboards` command to determine whether boards are in fact disabled. [6289981]

## Agent Update Status Reports Failed, But Is Actually Successful

After performing an agent update on Sun Fire midrange systems domains, the Manage Jobs status reports “Failed,” but the agent update actually succeeds.

*Workaround:* Check the agent-update log file (`var/opt/SunWsymon/log/agent-update.log`) on the domain for the correct status, instead of relying on the status in the Manage Jobs window.

[4994784]

## Platform Administration Module Displays Indeterminate State Icon After Network Connection Is Recovered

When the Platform Administration Module encounters network difficulties that prevent it from reaching a System Controller (SC), a black star or “splat” indicator is displayed with the icon for the SC, indicating its indeterminate state:



The presence of this black splat indicator is sometimes erroneous. Even after the network connection is reinstated, the indicator sometimes remains.

*Workaround:* To get rid of the erroneous indicator, stop the module, then restart it.

For one platform instance:

```
% /opt/SUNWsymon/sbin/es-stop -l  
% /opt/SUNWsymon/sbin/es-start -l
```

For multiple platform instances:

```
% /opt/SUNWsymon/sbin/es-stop -y platform_instance_name  
% /opt/SUNWsymon/sbin/es-start -y platform_instance_name
```

[6192909]

## Illegible Timestamp Values in Data Acquisition Table

The timestamp values displayed in the Platform Administration Module's Data Acquisition Table are sometimes illegible.

*Workaround:* On the Sun Management Center server, stop the daemons, set the environment variable `LANG` to `C`, then restart the daemons. Here's a `cs`h example:

```
# /opt/SUNWsymon/sbin/es-stop -A  
# setenv LANG C  
# /opt/SUNWsymon/sbin/es-start -A
```

[6306955]

## Platform Administration Chassis and Domain X Syslog Loghosts Cannot Be Removed or Cleared

From the Platform Administration Chassis and Domain X Setup Loghosts dialog box, the Syslog Loghosts entry cannot be removed or cleared. If you attempt to remove or clear the Syslog Loghosts entry, the data remains unchanged, and you receive *no* warning.

*Workaround:* None.

[4984145]

## Platform Administration Chassis and Domain X Trap Host Can Be Removed and Cleared

From the Platform Administration Chassis and Domain X Setup Loghosts dialog box, the Simple Network Management Protocol (SNMP) Trap Host entry can be removed or cleared, and you receive *no* warning.



---

**Caution** – Sun Management Center does *not* function correctly if the SNMP trap host is not set.

---

*Workaround:* Do *not* remove or clear the SNMP Trap Host entry.

[4984162]

## Platform Administration Slot SC Time Zone Does Not Update Quickly When Changed Using CLI Command

By design, Sun Management Center does not automatically update the Platform Administration Slot SC table when the SC time zone is changed. The SC Timezone property is updated at the next refresh cycle.

*Workarounds:*

1. Restart the platform agent.
2. Wait for the next refresh cycle (about 30 minutes).

[4984906]

