



Sun™ Management Center 4.0 Version 2 Add-On Software Release Notes

Sun Microsystems, Inc.
www.sun.com

Part No. 820-4068-10 v2
January 2008, Revision A

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Sun Management Center 4.0 Version 2 Add-On Software Release Notes

This document contains release notes for the Sun™ Management Center 4.0 Version 2 add-on software (or *CommonConfigReader*) for Sparc® Enterprise, Sun Fire™, Sun Blade™, Sun Ultra™, and Netra™ systems. The document includes the following sections:

- “What’s New in This Release” on page 2
- “Supported Systems and Environments” on page 3
- “Recommended Patches” on page 4
- “Documentation” on page 5
- “Obtaining the Add-On Software” on page 5
- “Installation” on page 6
- “Known Bugs” on page 10

What's New in This Release

This section describes changes in Sun Management Center add-on software for Sparc EnterpriseSun Fire, Sun Blade, Sun Ultra, and Netra systems between the release of Sun Management Center 3.6 V7 add-on software and this release of Sun Management Center 4.0 Version 2 add-on software.

Server/console packages for x86 are now provided to allow you to monitor SPARC agent platforms from x86 consoles. Support for x86 consoles is only included in core Sun Management Center 4.0, or later.

Note – The Sun Management Center 4.0 agent layer is not supported on x86 platforms.

Supported Systems and Environments

Sun Management Center 4.0 Version 2 add-on software adds support for the following systems:

- Sun Blade T6320 server
- Sun Netra T5220 server

[TABLE 1](#) lists the software versions required for Sun Management Center 4.0 Version 2 add-on software.

TABLE 1 Minimum Required Software Versions

Host	Required Software	Version
Server machine	Solaris Operating System ^{1 2}	8, 9, 10 Server supported S10U3 & newer, and Console S9 & S10U3 & newer are required for x86 support
	Sun Management Center server base software	3.6, 3.6.1 or 4.0 release required for systems without x86 support. 4.0 Core release required for x86 support
	Sun Management Center CommonConfig Reader add-on software	4.0 Version 2 or later.
Monitored platform	Solaris Operating System kernel update ^{1 2}	8 - kernel update 122702-02 or higher 9 - kernel update 118558-26 or newer 10 - kernel update 119850-18 or newer
	Sun Management Center base software	3.6, 3.6.1, or 4.0 Core release
	Sun Management Center CommonConfig Reader add-on software	4.0 Version 2 or later.
Workstations or common network location (for console layer)	Solaris Operating System ¹ , for SPARC	8, 9, 10
	Solaris Operating System ¹ , for x86.	Server supported S10U3 & newer Console S9 & S10U3 newer
	Sun Management Center console base software	3.6, 3.6.1, or 4.0 Core release

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

² The Solaris operating environment is dependent on the supported platform. Refer to the platform documentation for details of the Solaris version supported by your platform.

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

Sun Management Center 4.0 Version 2 add-on software supports the following platforms:

- Netra 210 server
- Netra 240 server
- Netra 440 server
- Netra T2000 server
- Sun Netra T5220 server
- Sun Blade 1500 workstation
- Sun Blade 2500 workstation
- Sun Blade T6300 Server
- Sun Blade T6320 server
- Sun Fire V125 server³
- Sun Fire V210 server³
- Sun Fire V215 server
- Sun Fire V240 server
- Sun Fire V245 server
- Sun Fire V250 server
- Sun Fire V440 server
- Sun Fire V445 server
- Sun Fire T1000 server⁴
- Sun Fire T2000 server
- Sun SPARC Enterprise T1000 server
- Sun SPARC Enterprise T2000 server
- Sun Ultra 25 workstation
- Sun Ultra 45 workstation
- SPARC Enterprise T5120 server
- SPARC Enterprise T5220 server

Recommended Patches

Solaris™ software patches and Sun Management Center patches might be available for the core Sun Management Center 4.0 application and for this add-on software. You must install all the patches required for your operating system before installing Sun Management Center 4.0 software and this add-on.

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

-
3. SunMC 4.0 Version 2 require ALOM 1.6.7, or later, on these systems.
 4. Both single- and dual-drive versions of the Sun Fire T1000 server are supported.

<http://sunsolve.sun.com>

For more information about the patches required for the latest update to Sun Management Center 4.0 software, see the corresponding *Sun Management Center Software Release Notes*.

Documentation

This document contains additional information to supplement the *Sun Management Center 4.0 Installation and Configuration Guide*, 820-2215. Also refer to the preface of that document for a full list of related documentation.

You can find Sun Management Center 4.0 documentation at:

<http://docs.sun.com/app/docs/coll/1734.1>

Obtaining the Add-On Software

The Sun Management Center 4.0 Version 2 add-on software packages are supplied in a zip file on the software download site at:

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

If you do not see the listing for Sun Management Center 4.0 Version 2 under New Downloads, use the A-Z Index of All Products to find the software⁵.

You can also get the add-on software from <http://www.sun.com/downloads/> under the “View by Category” tab under “Systems Management” under the section “Systems Administration”.

It is also available from <http://www.sun.com/software/> under the “Sun N1 Software” selection by clicking on the “Sun Management Center” link and selecting “Get Sun Management Center 4.0.1”.

5. Sun Management Center products may be listed under S for Sun Management.

Installation

If you plan to install the SunMC 4.0 Version 2 CommonConfig Reader add-on software on core Sun Management Center 4.0 refer to the *Sun Management Center 4.0 Installation and Configuration Guide* for information about installing and setting up Sun Management Center 4.0 software.

This SunMC 4.0 Version 2 add-on software is installed using a separate zip file, requiring a change to the installation procedure. [FIGURE 1](#) shows a high-level view of the installation process.

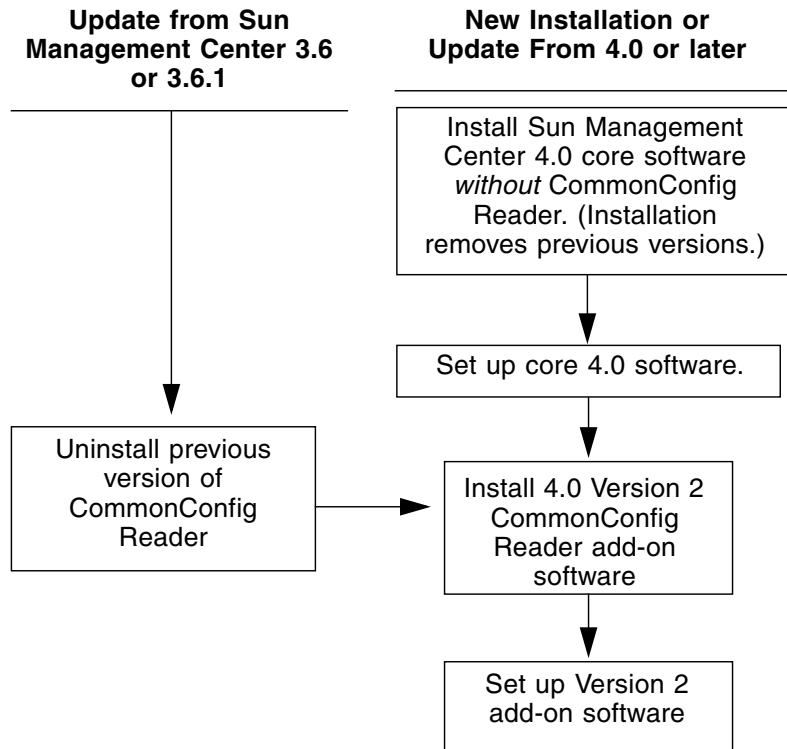


Caution – Use the installation scripts and the setup scripts provided with the Sun Management Center software. Do *not* manually add packages or manually change configuration files.

If you plan to continue using core Sun Management Center 3.6 or 3.6.1, uninstall any previously installed version of the CommonConfig Reader add-on software before you install the Sun Management Center 4.0 Version 2 CommonConfig Reader add-on software.

Install the Sun Management Center 4.0 Version 2 CommonConfig Reader add-on software on core Sun Management Center 3.6, or 3.6.1 or Sun Management Center 4.0 or later.

FIGURE 1 Installation Process Flow



Updating From Sun Management Center 3.6 or 3.6.1 Software

If you have already installed core Sun Management Center 3.6, or later, software on your server and console systems, use the following procedures:

- [“To Uninstall the 3.6 Vx CommonConfig Reader Add-On Software” on page 8](#) — If the version of the CommonConfig Reader add-on software included with the core Sun Management Center 3.6 software is installed on any systems in your configuration, you must follow this procedure. Otherwise, you may skip this step.
- [“To Install the 4.0 Version 2 CommonConfig Reader Add-On Software” on page 8](#) — Follow this procedure to install this Sun Management Center 4.0 Version 2 CommonConfig Reader add-on software.

▼ To Uninstall the 3.6 Vx CommonConfig Reader Add-On Software

- **Refer to the *Sun Management Center 4.0 Installation and Configuration Guide*.**

The appendixes of the installation and configuration guide provide instructions for uninstalling add-on products using the `es-guiuninst` wizard or the `es-uninst` command-line script. Uninstall only the CommonConfig Reader add-on software.

▼ To Install the 4.0 Version 2 CommonConfig Reader Add-On Software

1. **Download the software.**

Refer to “[Obtaining the Add-On Software](#)” on page 5 of this document for information about obtaining the software.

2. **Unzip the zip file to a directory located at a path named *downloadpath*.**

3. **Log in as superuser on the host machine.**

4. **Change the directory to the path where the core Sun Management Center 4.0 software is installed.**

The directory will look similar to this:

```
installed_directory/SUNWsymon/sbin
```

5. **Run the `es-guiinst` or `es-inst` installation script.**

You will be prompted to enter a pointer to the path named

```
downloadpath/disk1/image/
```

using *downloadpath* as described in [Step 2](#). You will then see a list of add-on products that you can install.

6. **Choose the CommonConfig Reader add-on product.**

7. **Complete the remaining steps included in the installation script.**

8. **Follow the steps to set up the software.**

The installation wizard will prompt you to set up the software. For more information, refer to the *Sun Management Center Installation and Configuration Guide*.

Installing Sun Management Center 4.0 Software

If you have not yet installed any Sun Management Center 3.6, 3.6.1, or 4.0 software, you must install that *before* installing this Version 2 add-on software.

Note – The installation process for Sun Management Center 4.0 software includes uninstallation of previous releases of Sun Management Center software. Refer to the *Sun Management Center Installation and Configuration Guide* for detailed information about upgrading from earlier releases.

▼ To Install Sun Management Center 4.0 Software

1. **Refer to the *Sun Management Center 4.0 Supplement for Sun Fire, Sun Blade, and Netra Systems* for information about preparing for installation.**
2. **Refer to the *Sun Management Center Installation and Configuration Guide* for instructions for installing the core software.**

If you are updating a previous release of Sun Management Center software, read the information about updating the software from your currently installed release.

Note – Do *not* install CommonConfig Reader as part of this step.

In the course of performing this installation you will come to a dialog that allows you to select from a list of add-on products (Figure 1-3, “Add-on Products,” in the *Sun Management Center 4.0 Installation and Configuration Guide*). Do *not* install the CommonConfig Reader add-on product.

3. **Perform the steps outlined in the procedure [“To Install the 4.0 Version 2 CommonConfig Reader Add-On Software”](#) on page 8.**

Known Bugs

This section describes software bugs known at the time of this release that you might notice or that can affect the operation of Sun Management Center 4.0 Version 2 add-on software.

SunMC Does Not Show NEM Entities

On some sun4v systems, Network Expansion modules (NEM) do not appear in the Expansion Cards table portion in the Config Reader.

Workaround: None.

[6525058]

Additional Fan Sensor Threshold Not Displayed

On some sun4v systems, the SunMC 3.6 CommonConfig Reader's Tachometers (Numeric) table displays only one set of threshold values for fan sensors.

Workaround: Use the SC `showenvironment` command to view any additional fan sensor thresholds.

```
sc> showenvironment
```

[6569502]

Fan FRU Data Not Shown

On SPARC Enterprise T5x20 systems, fan FRU information is not displayed in the SunMC 3.6 CommonConfig Reader Fans table.

Workaround: You can get the information through the SC command line.

```
sc> showfru /SYS/FANBD0
```

[6576446]

SunMC Console Falsely Displays Description Information of New Objects Created With Empty Description Field

If an object is newly created without Description information, the SunMC Console's Info tab, instead of showing a blank entry in the field, displays information in the Description field of an existing object created with a non-blank Description field.

Workaround: Make that the Description information is included when creating new objects.

[6585734]

Network Interfaces Table Displays Only On-Board Network Interfaces

On sun4v systems, the SunMC Network Interfaces table shows only on-board network interfaces, not plugged-in network interface cards. This does not indicate a defect of an NIC's interface.

The table properly shows both on-board and plugged-in network interfaces on sun4u systems.

Workaround: None.

[6628642]

Physical View Does Not Display REM, FEM

The physical view (front) of the Sun Blade T6320 Server Module should highlight the Raid Expansion Module (REM) and Fabric Expansion Model (FEM) (and display their properties in the right hand side window) when the mouse is moved over the image. Currently there's no such information displayed in the physical view.

Workaround: Use the `showfru` command to view these FRUs.

```
sc> showfru
```

[6628804]

Physical View Does Not Display Service Processor

The physical view (front) of the Sun Blade T6320 Server Module should highlight the service processor (and display its properties in the right hand side window) when the mouse is moved over the image. Currently there's no such information displayed in the physical view.

Workaround: The service processor properties are correctly displayed in the Other Components table.

[6628816]

SunMC Console Does Not Show All Tabs for Sun Fire T1000/T2000 Systems

The SunMC Console does not display all tabs for Sun Fire T2000/T1000 Systems. Applications and Hardware tabs are not displayed.

Workaround: To display all the tabs in the SunMC GUI console go to the `/var/opt/SUNWsymon/cfg` directory and rename the following files:

```
nonagent-sparc-enterprise-t1000-family-j.x
nonagent-sparc-enterprise-t2000-family-j.x
sparc-enterprise-t1000-family-j.x
sparc-enterprise-t2000-family-j.x
```

The files are to be renamed as:

```
nonagent-SPARC-Enterprise-T1000-family-j.x
nonagent-SPARC-Enterprise-T2000-family-j.x
SPARC-Enterprise-T1000-family-j.x
SPARC-Enterprise-T2000-family-j.x
```

[6631540]

Processors Table Entries For Name and Description/Device ID Mismatch

In multi-core sun4v systems, if all the CPU cores are not present, then the strands of the CPU cores after the first missing core will show a Name value different from the values listed for Description and Device ID.

For example, if core 0 is missing, the Name for the strands of the following CPU core (1) will be listed starting from cpu0, which is incorrect, while the Description and Device ID fields will start at cpu8, which is correct.

Workaround: None.

[6637346]

CommonConfig Reader Does Not Support Sun Quad Gigabit Ethernet PCI-X Card

The SunMC 4.0 Version 2 CommonConfig Reader does not support the Sun Quad Gigabit Ethernet PCI-X interface card in the Sun Netra T5220 server.

Workaround: None.

[6640303]

Other Components Table Does Not Display PCI Mezzanine Board Information

PCI Mezzanine Board information does not display on the Other Components Table.

Workaround: None.

[6642005]

Power Supply Information Displays After Removal

Power supplies continue to display their part numbers in the PS table in the Browser view, Physical and Logic view after they have been removed from the system.

Workaround: None.

[6642258]

Physical View/Rear & Top Image Does Not Display XZAU PCI Cards

When a XZAU card is in either XZAU slot 0 or 1, it does not display in the Physical View/Rear & Top image.

Workaround: Use the Location and Network table for XZAU PCI Card information.

[6643855]

No Alarm or Change in Status When Input Power is Cut Off

When input power is lost to the power supply unit, an alarm should be generated, and the change in the status of the power supply should be displayed in the CommonConfig Reader Power Supplies table. Currently this does not happen.

Workaround: Use the SC `showenvironment` command to view Power Supply status.

```
sc> showenvironment
```

[6646576]