



Sun™ Management Center 3.6 Version 7 Add-On Software Release Notes

For Sun Fire™, Sun Blade™, Netra™,
and Sun Ultra™ Systems

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Sun Management Center 3.6 Version 7 Add-On Software Release Notes

This document contains release notes for the Sun™ Management Center 3.6 Version 7 add-on software for Sun Fire™, Sun Blade™, Sun Ultra™, and Netra™ systems (or *ELP Config-Reader Monitoring*). The document includes the following sections:

- “What’s New in This Release” on page 1
- “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 5
- “Empty SunMC 3.6 ELP-Config Reader Tables” on page 9
- “Known Bugs” on page 9

What’s New in This Release

This section describes changes in Sun Management Center add-on software for Sun Fire, Sun Blade, Sun Ultra, and Netra systems between the release of Sun Management Center 3.6 Version 6 software and this release of Sun Management Center 3.6 Version 7 add-on software.

LDOMs and Sun Management Center

Sun Management Center 3.6 Version 7 Config-Reader will run under LDOM 1.0 only in a control domain; it will not run in a guest domain.

Support for Blade Server Slot Position

The `Hostname` field in the `System` table includes the slot number for blade servers. For example, for a blade servers named *myhost*:

```
slot 06, myhost
```

Supported Systems and Environments

Sun Management Center 3.6 Version 7 add-on software adds support for the following system:

- SPARC Enterprise T5120 Server
- SPARC Enterprise T5220 Server

[TABLE 1](#) lists the software versions required for Sun Management Center 3.6 Version 7 add-on software.

TABLE 1 Minimum Required Software Versions

Host	Required Software	Version
Server machine	Solaris Operating System ^{1 2}	8, 9, 10
	Sun Management Center server base software	3.6
	Sun Management Center ELP Config-Reader Monitoring add-on software	3.6 Version 7 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
	Sun Management Center ELP Config-Reader Monitoring add-on software	3.6 Version 7 or later.
Workstations or common network location (for console layer)	Solaris Operating System ¹	8, 9, 10
	Sun Management Center console base software	3.6

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 3.6 Version 7 add-on software also supports the following platforms:

- Netra 210 server
- Netra 240 server
- Netra 440 server
- Netra T2000 server
- Sun Blade 1500 workstation
- Sun Blade 2500 workstation
- Sun Fire V125 server
- Sun Fire V210 server
- 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 server¹
- Sun Fire T2000 server
- Sun SPARC Enterprise T1000 server
- Sun SPARC Enterprise T2000 server
- Sun Ultra 25 workstation
- Sun Ultra 45 workstation
- Sun Blade T6300 Server

Recommended Patches

Solaris™ software patches and Sun Management Center patches might be available for the core Sun Management Center 3.6 application and for this add-on software. You must install all the patches required for your operating system before installing Sun Management Center 3.6 software and this add-on.

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

<http://sunsolve.sun.com>

For more information about the patches required for the latest update to Sun Management Center 3.6 software, see the corresponding *Sun Management Center Software Release Notes*.

1. Support is included for both single- and dual-drive versions of the Sun Fire T1000 server.

Documentation

This document contains additional information to supplement the *Sun Management Center 3.6 Supplement for Sun Fire, Sun Blade and Netra Systems* (819-1153). Also refer to the preface of that document for a full list of related documentation.

You can find Sun documentation at:

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

Obtaining the Add-On Software

The Sun Management Center 3.6 Version 7 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 3.6 Version 7 under New Downloads, use the A-Z Index of All Products to find the software².

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 3.6.1”.

Installation

Refer to the *Sun Management Center Installation and Configuration Guide* for information about installing and setting up Sun Management Center 3.6 software. The *Sun Management Center 3.6 Supplement for Sun Fire, Sun Blade, and Netra Systems* describes general information about installing the version of the ELP Config-Reader Monitoring add-on software included with the core Sun Management Center 3.6 software.

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

This 3.6 Version 7 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.

Uninstall any previous version of the ELP Config-Reader Monitoring add-on software before you install the Sun Management Center 3.6 Version 7 ELP Config-Reader Monitoring add-on software.

Install the Sun Management Center 3.6 Version 7 ELP Config-Reader Monitoring add-on software on either core Sun Management Center 3.6 or Sun Management Center 3.6.1.

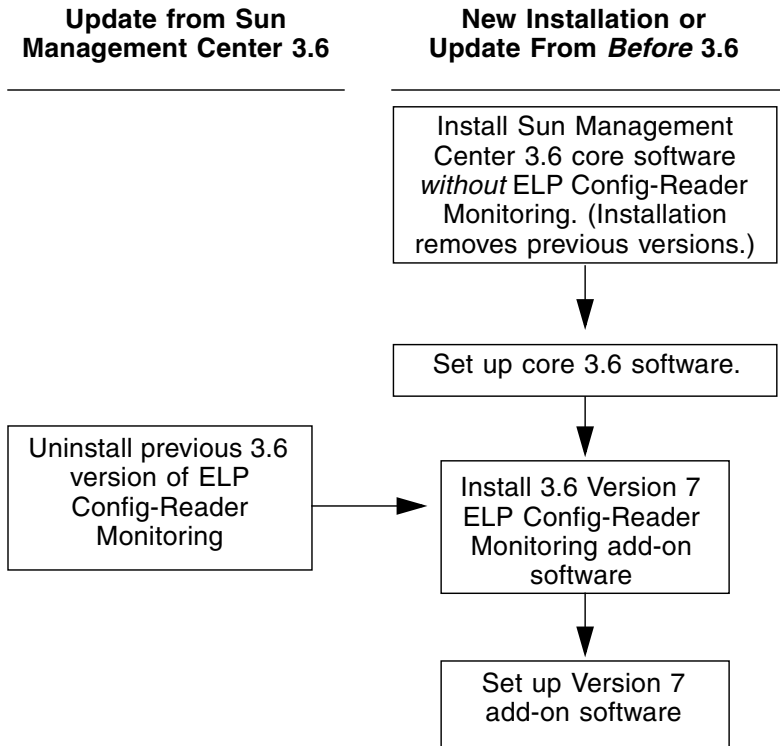


FIGURE 1 Installation Process Flow

Updating From Sun Management Center 3.6 Software

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

- [“To Uninstall the 3.6 ELP Config-Reader Monitoring Add-On Software” on page 7](#) — If the version of the ELP Config-Reader Monitoring 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 3.6 Version 7 ELP Config-Reader Monitoring Add-On Software” on page 7](#) — Follow this procedure to install this Sun Management Center 3.6 Version 7 ELP Config-Reader Monitoring add-on software.

▼ To Uninstall the 3.6 ELP Config-Reader Monitoring Add-On Software

- **Refer to the** *Sun Management Center 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 ELP Config-Reader Monitoring add-on software.

▼ To Install the 3.6 Version 7 ELP Config-Reader Monitoring 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 3.6 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/SunOS/sparc/`

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

6. **Choose the ELP Config-Reader Monitoring 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 3.6 Software

If you have not yet installed any Sun Management Center 3.6 software, you must install that *before* installing this Version 7 add-on software.

Note – The installation process for Sun Management Center 3.6 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 3.6 Software

1. **Refer to the *Sun Management Center 3.6 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 ELP Config-Reader Monitoring 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 3.6 Installation and Configuration Guide*). Do not install the add-on product ELP Config-Reader Monitoring.

3. **Perform the steps outlined in the procedure “[To Install the 3.6 Version 7 ELP Config-Reader Monitoring Add-On Software](#)” on page 7.**

Empty SunMC 3.6 ELP-Config Reader Tables

Some tables in the SunMC 3.6 ELP-Config Reader may be empty on some systems. This happens if certain physical sensors or devices known to SunMC aren't present in some systems, and is not an indication of a functional failure of the reader.

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 3.6 Version 7 add-on software.

Additional Fan Sensor Threshold Not Displayed

On `sun4v` systems, the SunMC 3.6 ELP-Config 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 ELP-Config reader Fans table.

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

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

[6576446]

Physical View Displays Only CPU#0 Information

On SPARC Enterprise T5x20 systems, the SunMC 3.6 ELP-Config reader's Physical View displays processor information only for `cpu0`, not for the remaining cores.

Information about all the system's CPUs are displayed in the Logical View and Processors table under the Module Browser tab.

[6585338]

Running SunMC and SNMP (MASF) Together

You cannot run SunMC and SNMP (MASF) at the same time on sun4v systems because of a resource conflict. Running either one alone is not affected by this issue.

Workaround: None.

[6458182]

SunMC Does Not Show NEM Entities

Network Expansion modules (NEM) do not appear in the Expansion Cards table portion in the Config Reader.

Workaround: None.

[6525058]

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]

T5220: XAUI Network Interface Error Counts Missing

The Network Interface table of the SunMC Common Config Reader does not list any error counts for the XAUI network interface.

Workaround: None.

[6603935]

