



Sun Management Center 3.6 Release Notes

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Preface

This document contains installation issues, runtime issues, late-breaking news, and documentation issues for Sun™ Management Center 3.6 software and its add-on products.

The documentation for Sun Management Center 3.6 is not available on the software CD. The English documents and localized documents are available at <http://docs.sun.com>.

Who Should Use This Book

These notes are for users and system administrators who install and use the Sun Management Center 3.6 software and its add-on products.

Related Books

The Sun Management Center 3.6 documentation collection includes the following core or add-on books.

The core books include the following:

- *Sun Management Center 3.6 Release Notes* (this book)
- *Sun Management Center 3.6 Installation and Configuration Guide*
- *Sun Management Center 3.6 User's Guide*
- *Sun Management Center 3.5 Developer Environment Reference Manual*

- *Quickstart: Installing and Setting Up Sun Management Center 3.6*

This book is a subset of the *Sun Management Center 3.6 Installation and Configuration Guide*.

The add-on books include the following:

- *Sun Management Center 3.6 System Reliability Manager User's Guide*
- *Sun Management Center 3.6 Performance Reporting Manager User's Guide*
- *Sun Management Center 3.5 Service Availability Manager User's Guide*
- *Quickstart: Installing and Setting Up Solaris Container Manager 3.6 With Sun Management Center*
- *Installing and Administering Solaris Container Manager 3.6*
- *Solaris Container Manager 3.6 Release Notes*
- *Sun Management Center Hardware Diagnostic Suite 2.0 User's Guide*
- *Sun Management Center 3.6 Supplement for the Sun Fire, Sun Blade and Netra Systems*
- *Sun Management Center 3.5 Version 6 Release Notes for Sun Fire High-End Systems*
- *Sun Management Center 3.5 Version 6 Supplement for Sun Fire High-End Systems*
- *Sun Management Center 3.5 Version 6 Release Notes for Sun Fire Midrange Systems*
- *Sun Management Center 3.5 Version 6 Supplement for Sun Fire Midrange Systems*
- *Sun Management Center 3.5 Version 6 Release Notes for Sun Fire Entry-Level Midrange Systems*
- *Sun Management Center 3.5 Version 6 Supplement for Sun Fire Entry-Level Midrange Systems*
- *Sun Management Center 3.5 Supplement for Netra Servers*
- *Sun Management Center 3.5 Supplement for VSP High End Entry Servers (Workgroup Servers)*
- *Sun Management Center 3.5 Supplement for Workstations*

Using UNIX Commands

These notes do not contain information about basic UNIX[®] commands and procedures, such as shutting down the system, booting the system, or configuring devices.

See one or more of the following sources for this information:

- *Solaris Handbook for Sun Peripherals*
- Online documentation for the Solaris[™] software environment at <http://docs.sun.com>.

- Other software documentation that you received with your system

Product Information

Information about this product is available at the Sun Management Center web site at <http://www.sun.com/sunmanagementcenter>.

The Sun Management Center product includes open source software. To view license terms, attribution, and copyright statements for open source software included in this release, see the copyright file available in the media.

Documentation, Support, and Training

The Sun web site provides information about the following additional resources:

- Documentation (<http://www.sun.com/documentation/>)
- Support (<http://www.sun.com/support/>)
- Training (<http://www.sun.com/training/>)

Typographic Conventions

The following table describes the typographic conventions that are used in this book.

TABLE P-1 Typographic Conventions

Typeface	Meaning	Example
AaBbCc123	The names of commands, files, and directories, and onscreen computer output	Edit your <code>.login</code> file. Use <code>ls -a</code> to list all files. <code>machine_name% you have mail.</code>
AaBbCc123	What you type, contrasted with onscreen computer output	<code>machine_name% su</code> Password:

TABLE P-1 Typographic Conventions (Continued)

Typeface	Meaning	Example
<i>aabbcc123</i>	Placeholder: replace with a real name or value	The command to remove a file is <i>rm filename</i> .
<i>AaBbCc123</i>	Book titles, new terms, and terms to be emphasized	Read Chapter 6 in the <i>User's Guide</i> . <i>A cache</i> is a copy that is stored locally. Do <i>not</i> save the file. Note: Some emphasized items appear bold online.

Shell Prompts in Command Examples

The following table shows the default UNIX[®] system prompt and superuser prompt for the C shell, Bourne shell, and Korn shell.

TABLE P-2 Shell Prompts

Shell	Prompt
C shell	machine_name%
C shell for superuser	machine_name#
Bourne shell and Korn shell	\$
Bourne shell and Korn shell for superuser	#

Installation Issues

Issues include information that you should know about, such as prerequisites, tips, troubleshooting hints, and bugs. Bugs are a subset of issues. Bugs have tracking numbers shown in parentheses. For updates on bugs and for patches, see the SunSolveSM web site at <http://sunsolve.sun.com>.

Installation Bugs

Start Script Might Display Error Messages (4851517)

Start script might display error messages like `Could not start Grouping service` or `Could not start Platform Agent`.

You might see these error messages when you run the `es-guiinst` command on the Sun Fire system controller or when the Sun Management Center components are started on a heavily loaded machine.

In addition, if a particular component process does not start within a specific amount of time, the start script might display the same error message, even if the component was successfully started.

This problem has been observed for both the Grouping service and the Platform Agent components.

The start script does the following actions:

- Attempts to start the component process

- Sleeps *n* seconds
- Checks the process status and reports success or failure

A heavily loaded machine can delay the results of the status check, which results in an erroneous status check failure. The error occurs because the results were not received within *n* seconds.

Workaround: Complete the following workaround:

1. Verify whether the following processes are running:

- Agent
- Topology service
- Trap-handler service
- Configuration service
- Event-handler service
- Metadata service
- Platform Agent
- Instances of Platform Agent

Type the following command:

```
/usr/bin/ps -ef | grep esd
```

Note – (On Solaris 10) The command would be `/usr/bin/ps -fz global | grep esd` on a global zone and `/usr/bin/ps -fe | grep esd` on a non-global zone.

2. To verify whether the Grouping service is running, type the following command:

```
/usr/ucb/ps -wwxa | grep SunMCService
```

3. To verify whether the Java server is running, use the following command:

```
/usr/ucb/ps -wwxa | grep java | grep ServerMain
```

4. To verify whether the web server is running, type the following command:

```
/usr/ucb/ps -wwxa | grep java | grep tomcat
```

5. To verify whether the Hardware Service is running, type the following command:

```
/usr/ucb/ps -wwxa | grep java | grep HWDS
```

6. If a service is not running, reduce the machine load and restart the Sun Management Center processes.

CLI Batch Mode Does Not Work After Uninstalling and Reinstalling the Server (6298127)

Assume that the command-line interface (CLI) batch mode is run on system2, where back-end processes are created.

CLI batch mode does not work in the following scenarios:

- The user uninstalls and reinstalls the server on system1 and tries to connect to system1 by using the batch mode from system2.
- A temporary network disconnection has occurred between system1 and system2. The user is trying to connect to system1 by using the batch mode from system2.

CLI batch mode does not work because uninstalling the server does not kill the back-end process.

Workaround: Follow these steps to kill the back-end process:

1. View the running back-end processes:

```
# cat /var/opt/SUNWsymon/cli/process-file
```

The process-file has the following format for each process:

`<username>:<hostname>:<cpid>:<jpid>`, where *cpid* is the C process id and *jpid* is the Java process id. Note the IDs of the processes that you want to kill.

2. Kill the back-end process:

```
# kill -9 <cpid> <jpid>
```

Add/Remove Programs Does Not Completely Uninstall Sun Management Center on Windows (4930994)

If you attempt to uninstall Sun Management Center on Windows using Start → Settings → Control Panel → Add/Remove Programs, the `SunMC.exe` is not removed from the `%WINDIR%` directory. This is because the Windows platform does not allow deletion of an executing program and displays “Access Denied. Source file in use” message.

Workaround: Uninstall Sun Management Center on Windows by using `es-uninst` or `es-guiuninst`.

Security Seed Limit Is Not Same in GUI Setup and CLI Setup (6339521)

The maximum length of the security seed is 8 characters in GUI setup and 16 characters in CLI setup.

If the Sun Management Center agent is intended to be used as a stand-alone SNMPV3 agent, then it is recommended to configure the agent layer using CLI setup.

Workaround: Use CLI setup for Sun Management Center if the security seed of more than 8 characters length is desired.

Localization Bugs That Occur During Installation

Software License Agreement and Supplemental Terms and Conditions for Some Asian Locales Are in English Language (4874523)

During installation, the Software License Agreement (SLA) and Supplemental Terms and Conditions for the following Asian locales are in English:

Language	Locale
Japanese	ja_JP.UTF-8
Simplified Chinese	zh.UTF-8zh_CN.UTF-8, zh.GBK, zh_CN.GBK, zh_CN.GB18030
Traditional Chinese	zh_TW.UTF-8
Korean	ko.UTF-8ko_KR.UTF-8

The following Asian locales use localized SLA files and are in the appropriate languages.

Language	Locale
Japanese	ja, ja_JP.PCK, ja_JP.EUC
Simplified Chinese	zh, zh_CN.EUC
Traditional Chinese	zh_TW, zh_TW.BIG5, zh_TW.EUC
Korean	ko, ko_KR.EUC

To read the SLAs in all supported languages, refer to the printed license that is included in the Sun Management Center media kit.

Workaround: None.

Installation Messages Not Displayed Completely on Localized Environment When Using `es-guiinst` (4841202)

When you use the `es-guiinst` command to install on Asian locales, installation messages on some of the screens are not completely displayed. This problem also occurs in the English locale when larger system font sizes are used.

Workaround: Manually size the screen to display the text or maximize the screen to display the text.

Add-on Uninstallation in Non-English Locales Erroneously Displays Product Environment Component in Summary Panel (4873795)

When you uninstall an add-on product using the `es-guiuninst` tool, a summary panel listing all the add-on components that were uninstalled is displayed. When you use this tool to uninstall add-on components in non-English locales, *Product Environment* is erroneously listed in the summary panel as one of the add-on components that was uninstalled.

Workaround: Ignore the Product Environment uninstalled message. The component was not uninstalled.

Localization Information That Pertains to Sun Management Center 3.6 Add-On Products

Supported Languages and Locales for Sun Management Center 3.6 Add-On Products

The supported languages and locales for the following Sun Management Center 3.6 add-on products are listed in [Table 1-1](#):

- Sun Fire™ High-end systems

- Sun Fire Midrange systems
- Sun Fire Entry-level Midrange systems
- Workgroup servers
- Workstation (desktop) systems
- Netra™ servers
- Sun Blade™ and Sun Fire Entry-level platform systems

TABLE 1-1 Supported languages and Locales for Sun Management Center 3.6 Add-On Products

Languages	Locales
French	fr
	fr_FR.ISO8859-15
Japanese	ja
Korean	ko
Simplified Chinese	zh
Traditional Chinese	zh_TW

Bugs That Apply to Volume System Monitoring (VSM)

GUI Setup of VSM Does Not Work When You Migrate Data (6337557)

VSM has been uninstalled with the Save Data check box selected. When you install and set up VSM again, the graphical user interface (GUI) setup of VSM hangs.

Workaround: Use the CLI setup instead of the GUI setup to migrate data.

Uninstallation of Sun Management Center and VSM Throws a Warning Message (6340732)

When you uninstall Sun Management Center and VSM simultaneously using `es-uninst`, you might get a warning message like "A problem occurred with Volume System Monitoring uninstall". However, VSM is successfully uninstalled.

You might not get this warning message when you uninstall VSM alone.

Workaround: Ignore this warning message.

VSM Packages Do Not Get Installed During Remote Installation from Solaris 7 to Solaris 8/Solaris 9 SPARC (6339478)

Installation of VSM add-on fails to install the packages `SUNWfeshdl`, `SUNWjeshdl`, `SUNWkeshdl`, `SUNWheshdl`, and `SUNWceshdl`. This happens when the `<es-inst -R>` command is run from Solaris 7 system and when the remote machine is either Solaris 8 or Solaris 9 system.

The following error messages might be displayed:

```
Product: Volume System Monitoring
```

```
WARNING: One or more packages were not successfully added.
```

```
The following packages were not properly installed:
```

```
SUNWfeshdl, SUNWjeshdl, SUNWkeshdl, SUNWheshdl, SUNWceshdl
```

Workaround: None.

Bug That Applies to Sun Fire High-End Systems and Midrange Systems

Removal of Sun Management Center Software Also Removes `SUNWwccmn` Package (4824529)

The Sun Management Center `es-uninst` tool automatically removes the `SUNWwccmn` package from the system controller on Sun Fire™ High-End systems. This package contains software that is required by the Sun Fire Link system software (`wcapp`). In a System Management Services (SMS) 1.3 environment, if the `SUNWwccmn` package is not present on the system controller, the `wcapp` software cannot be restarted. As a result, SMS 1.3 fails.

Workaround: If the `SUNWwccmn` package is removed from the system controller, use the `pkgadd` command to reinstall the package on the system controller.

The SUNWwccmn package is provided on the Sun Fire Link software distribution CD. See the *Sun Fire Link Software Installation Guide* for more details.

Bug That Applies to Sun Fire T2000 Systems

During Sun Management Center 3.6 installation on Sun Fire T2000 systems, the following error messages could be displayed multiple times and should be ignored.

```
/opt/SUNWsymon/sbin/es-inst: /usr/platform/sun4u/sbin/prtdiag: not found
```

Workaround: None.

Runtime Issues

Issues include information that you should know about, such as, prerequisites, tips, troubleshooting hints, and bugs. Bugs are a subset of issues. Bugs have tracking numbers shown in parentheses. For updates on bugs and for patches, see the SunSolveSM web site at <http://sunsolve.sun.com>.

Sun Management Center Bugs

Users Added Using `es-config -u` and `es-config -l` Are Removed When Agent Is Restarted (6336998)

Users added using `es-config -u <username>` and `es-config -l <username> -M <modulename> -z snmpusercategory` are removed automatically when the agent is restarted. This problem occurs for modules such as Kernel Reader Simple and Agent Statistics.

Workaround: Add the users manually by adding the `slice:object=obj_value` entry in the `modulename.dat` file present in `/var/opt/SUNWsymon/cfg` directory.

Sun Management Center Services Cause cryptosvc Service to Log Errors During Boot/Reboot of the System (6334872)

When Sun Management Center services attempt to come up after rebooting the system, they step onto cryptosvc service and kcfcd daemon causing them to log errors in /var/adm/messages.

The following error messages might be displayed:

```
Oct  3 18:16:09 atqa32 lomv: 10/3/2005 23:16:9 GMT LOM time reference
Oct  3 18:16:13 atqa32 kcfcd[106]: kcfcd: elfsign_hash_mem_resident failed
to hash for /usr/lib/security/pkcs11_softtoken.so: sign or verify of ELF
object failed
Oct  3 18:16:13 atqa32 kcfcd[106]: kcfcd: elfsign_hash_mem_resident failed
to hash for /usr/lib/security/pkcs11_softtoken.so: sign or verify of ELF
object failed
Oct  3 18:16:13 atqa32 esd[1949]: libpkcs11:
/usr/lib/security/pkcs11_softtoken.so signature verification failed. See
cryptoadm(1M). Skipping this plug-in.
Oct  3 18:16:13 atqa32 esd[1949]: libpkcs11:
/usr/lib/security/pkcs11_softtoken.so signature verification failed. See
cryptoadm(1M). Skipping this plug-in.
Oct  3 18:16:13 atqa32 cfgserver[1949]: syslog   Oct 03 18:16:13
cfgserver   Unable to get pkcs session. Can not initialize snmp engine
Oct  3 18:16:13 atqa32 cfgserver[1949]: syslog   Oct 03 18:16:13
cfgserver   *** terminating execution ***
```

Workaround: Before rebooting the system, stop all Sun Management Center services using `es-stop -A`. When the system reboots, all services will come up without errors.

(Solaris 10) Sun Management Center Services Are Stopped During Boot (6336538)

On Solaris 10 systems, Sun Management Center agent services are stopped during boot.

The following error messages might be displayed:

```
Oct 12 09:19:59 atqa33 metadata[6245]: [ID 985908 daemon.alert] syslog
Oct 12 09:19:59 metadata           {received software termination signal}
Oct 12 09:19:59 atqa33 metadata[6245]: [ID 122441 daemon.alert] syslog
Oct 12 09:19:59 metadata           *** terminating execution ***
```

```
Oct 12 09:19:59 atqa33 event[27957]: [ID 652029 daemon.alert] syslog
Oct 12 09:19:59 event          {received software termination signal}
Oct 12 09:19:59 atqa33 event[27957]: [ID 721961 daemon.alert] syslog
Oct 12 09:19:59 event          *** terminating execution ***
Oct 12 09:19:59 atqa33 agent[28990]: [ID 651061 daemon.alert] syslog
Oct 12 09:19:59 agent          {received software termination signal}
Oct 12 09:19:59 atqa33 agent[28990]: [ID 891934 daemon.alert] syslog
Oct 12 09:19:59 agent          *** terminating execution ***
```

Workaround: Before rebooting the system, stop the services using `es-stop -A`. In this case, error messages are not logged into the `syslog` file.

Duplicate Entries in Sun Management Center Database (5051992)

Sun Management Center database can contain duplicate entries of hosts when one of the following scenarios occurs:

- The IP address is changed after installation.
- The host name is changed after installation.
- The host name has multiple host aliases.

Workaround:

Follow these recommendations to avoid duplicate entries:

- Do not use composite objects.
- Do not use the subnet or IP address range discovery.
- Ensure that the host name is available in the `/var/opt/SUNWsymon/cfg/domain-config.x` file on the agent machine before adding it to the topology.

Individual Users Are Not Added to the ACL of the Server Support Module (4843429)

If you delete the `esadm` group from the ACLs of the agent and then add individual users to the ACL of the agent, the user is not automatically added to the ACL of the server support module. Because the server support module is not updated with the user, the server support module does not allow enabling or disabling of the Performance Reporting Manager. This message is displayed:

```
Unable to enable/disable PRM data collection on an agent with new user
```

Workaround: Add the `esadm` group to the ACL of the agent and then add the individual users to the `esadm` group.

Sun Management Center Incorrectly Reports That a Successful Agent Update Has Failed (4994784)

The Job Manager user interface shows Failed for a successful agent update operation. When the agent update operation is performed by using the Manage Jobs GUI (graphical user interface), the status of the operation is shown as successful or failed at two different levels.

- Summarized status: If the operation was attempted on multiple hosts and if it fails even on one of the hosts, the status of the entire Job is stated as Failed.
- Individual status: By clicking the View logs button, you can view the status of the operation on the individual host.

The individual status is based on the status information that the host reports to the server through agent-to-server SNMP communication. The status might not be accurate under these conditions:

- The upgrade was successful, but the SNMP port of the agent was changed as a result of the agent upgrade, which reinstalled the software and reconfigured the settings.
- The upgrade was successful but the SNMP request timed out due to various other factors and the status was not communicated successfully.
- The upgrade was successful, but the process took more than the 30-minute timeout set by the server for each individual host. As a result the server thread waiting for status update was terminated before the status report was initiated from the agent side.

Workaround: Use the View Logs tab of the server host details window to see the `InstallServer.log` on the server host. The details of the operation are available in `/var/opt/SUNWsymon/install/agent-update.log` of each target host on which the operation is performed.

Sun Management Center Console Login Screen Does Not Accept Keyboard Input on Linux Machine With JDK 1.5 (6294368)

Workaround 1: Follow these steps:

1. Minimize the login screen and restore.
2. Type the input in the field that has the active cursor.

3. Position the cursor in the next field.
4. Minimize the login screen and restore.
5. Type the input in that field.

Workaround 2: Use JDK 1.4 or compatible versions.

Log File of the Local Zone Agent Might Display Error Messages (6336955)

The error messages appear only for the Headsread value of the Health Monitor module.

The following error messages might be displayed:

```
error    Oct 14 15:20:49 agent          setNodeValue failed: cmd=setNodeValue 0
1 bob39266, error=setNodeValueLeafScalar: Failed to set new value

error    Oct 14 15:20:49 agent          ClassMIBNode:setNodeValue 0 1 bob39266 - .
iso.org.dod.internet.private.enterprises.sun.prod.sunsymon.agent.modules.
healthMonitor.RAM.memory.handsread

error    Oct 14 15:20:49 agent          ClassMIBNode:setNodeValue 0 1 bob39266 -
setNodeValueLeafScalar: Failed to set new value
warning  Oct 14 15:21:32 agent          could not get value of RAM.memory.handsread
in rule rhltm005 for node ram-rule in module health-monitor
```

Workaround: Ignore these error messages.

es-makeagent Does Not Add Localization Packages to the Agent Image (6336455)

Only packages in English language are present in the agent image created by the `es-makeagent` command. Consequently, installation from such an image will not support localization.

Workaround: Use `es-inst` or `agent update`.

MCP Does Not Work With Zone Agents (6342054)

When a zone agent is used as the base agent, Module Configuration Propagation (MCP) does not work with zone agents. Propagating the configuration data from MCP to a zone agent also fails.

The following error messages might be displayed:

The following error messages are logged in `taskreq.log` when MCP propagation with zone agent as base fails.

```
Http error : HTTP/1.1 404 File not found:
/var/opt/SUNWsymon/mcp/procmon-zoneagentbase/index.xml
```

The following error messages are logged in `taskreq.log` when MCP propagation to zone agent fails.

```
Operation mcp has failed on target:hostname:1161 Exception was thrown:
/usr/bin/nawk:
can't open file /var/opt/SUNWsymon/cfg/base-modules-d.dat.MCP
```

Workaround: Edit the `/var/opt/SUNWsymon/zone-scripts-d.dat` file of zone agent to include `es-mcp-get` and `es-mcp-put` script names.

es-config -F and es-config -P Fails to Restart Sun Management Center Services (2127050)

Sun Management Center services do not get restarted and the `es-config` script is not aborted.

Workaround: Instead of using `es-config`, edit the `javaserver.properties` and `javaconsole.properties` files to configure the firewall port range between the server and the console.

Update the following lines in the `/var/opt/SUNWsymon/cfg/javaserver.properties` file with minimum and maximum port information.

```
sunmc.server.console.firewall.MinPort=2000
sunmc.server.console.firewall.MaxPort=6000
```

Update the following lines in the `/var/opt/SUNWsymon/cfg/javaconsole.properties` file with minimum and maximum port information.

```
sunmc.server.console.firewall.MinPort=45000
sunmc.server.console.firewall.MaxPort=48000
```

SMF Module Does Not Support Grouping and MCP (6348537)

When you create a task for doing grouping/MCP, the Service Management Framework (SMF) module is not available for selection.

Workaround: If the server is a Solaris 10 system, perform the following steps:

1. Copy the following files on the server.

```
# cp /opt/SUNWsymon/modules/cfg/smf-*  
/opt/SUNWsymon/mdr/modules/cfg/
```

Note – If the server is a not a Solaris 10 system, copy these files from a Solaris 10 system (agent/server).

2. Restart the Sun Management Center services.

```
/opt/SUNWsymon/sbin/es-stop -A
```

```
/opt/SUNWsymon/sbin/es-start -A
```

3. Type the following lines to ensure that an uninstallation would proceed smoothly.

```
# installf SUNWessmn /opt/SUNWsymon/mdr/modules/cfg/smf-d.prc
```

```
# installf SUNWessmn /opt/SUNWsymon/mdr/modules/cfg/smf-d.x
```

```
# installf SUNWessmn /opt/SUNWsymon/mdr/modules/cfg/smf-m.x
```

```
# installf SUNWessmn
```

```
/opt/SUNWsymon/mdr/modules/cfg/smf-models-d.x
```

Sun Management Center Does Not Discover Hosts When Filter Criteria Is of Platform Types With Given IP Address Range (6341225)

Start the console and go to Tools → Discover objects. Click Add request button and provide the IP address range in Start IP and End IP field. Check both the ports, say, 1161/ 1161(Agent port). Select the filters tab and select filter criteria as “Platform Types” and check “Include” button to include objects and start the request. When the request is succeeded, no host has been added. This means that hosts are not identified as given platform types in discovery cloud. When “Exclude” button is checked with the given IP address range, it includes the objects in discovery cloud.

Workaround: None.

Localization Bugs

GUI Setup: Next Button Is Enabled on Performance Reporting Manager Setup Progress Panel (5029528)

Clicking the Next button while the Performance Reporting Manager database is being set up might cause errors.

Workaround: Do not click the Next button while the Performance Reporting Manager database is being configured.

Netscape 4.7.x Displays Pages Incorrectly in Simplified Chinese Locales (zh_CN.GBK and zh_CN.GB18030) (4864462)

The page text in the Simplified Chinese locales, zh_CN.GBK and zh_CN.GB18030, is garbled when viewed in the Netscape™ version 4.7.x browser.

Workaround: Specify a different browser as your default browser. The following browsers are known to work correctly in these locales:

- Netscape™ 6.2.2
- Netscape 7.x
- Mozilla™
- Microsoft Internet Explorer

Localization Messages Are Not Shown Inside a Non-Global Zone (6319999)

Sun Management Center is not localized inside a non-global zone. Due to this, localization messages are not shown for CLI commands such as `es-setup`, `es-start`, and `es-stop`.

Workaround: None.

Localization Is Not Supported for Last Entry in `locale -a` (6339359)

If the user's locale is the last entry in the output of `locale -a`, Sun Management Center is not localized for that user.

When the following two conditions are met, the user has this localization issue.

1. The user sees the following message on the terminal after executing a command under `<Install_image>/disk1/sbin` or under `/opt/SUNWsymon/sbin`.

```
"LANG=xxxxx is either not valid or not installed. Defaulting to C"
```


`xxxxx` is the locale that the user set.
This means that GUI or CLI messages are not localized but available only in English language.
2. The locale that the user set for executing the above command is the last entry in the output of `locale -a`.

Workaround: Create a dummy locale which appears last in the `locale -a` output. Follow these steps:

1. Become superuser by typing:

```
% su -
```
2. Go to `locale` directory by typing:

```
cd /usr/lib/locale
```
3. Create a copy of "C" locale directory to a name that will appear last in the output of `locale -a`.

```
cp -r ./C ./zzzz
```
4. Check the output of `locale -a` to verify that the new locale appears last.

Java Exceptions Are Thrown in Manage Jobs Dialog in French Locale (6346065)

Workaround: Task creation may fail when CST service is running. Use `es-stop -x` to stop CST service.

Volume System Monitoring (VSM) Bugs

Periods in the IP Address Are Misrepresented in the Rules Window (6335154)

Periods in the IP address in the VSM Rules window appear as `'?2e'`.

Navigate to VSM object → Module Manager tab → VSM module → Click “Rules”. The Threshold Summary of Module window appears. The fields in the Attribute name list have an IP address in parenthesis. The periods in the IP address are misrepresented.

Workaround: None.

Spaces in the OS Version are Misrepresented in the Rules Window (6344665)

If the OS version in the OS table includes a space, this space is misrepresented in the Rules window.

Workaround: None.

Web Console Throws Apache Server Error for OS Object Table (6330990)

If the OS objects are *not* initialized, the web console displays the error page.

Workaround: Use Java Console to display the data.

Container Names Having Multibyte Strings are Misrepresented in the Console (6343127)

Assume that multibyte strings are used in container names that are created using the Sun N1™ System Manager (N1SM) GUI. In this case, the container names are misrepresented in the Sun Management Center Console at the following places in the host details window:

1. Module Browser tab → Hardware → VSM module → VSM object → Container object → Container Name in the Containers Table
2. Module Manager tab → VSM module → Click “Rules” → Attribute Name list

Workaround: Sun Management Center does not support multibyte strings in data fields. Hence, use ASCII characters for container names to integrate Sun Management Center with N1SM.

Hardware Diagnostic Suite Software Bugs

Hardware Diagnostic Suite `enctest` Might Not Report Power Supply Status (4908213)

A full Hardware Diagnostic Suite test on the enclosure for a Sun StorEdge D1000 might still report a noncritical error, such as a pulled power supply cable, even after the problem has been fixed.

Workaround: Restart the Sun Management Center agent connected to the Sun StorEdge D1000 system.

Incorrect Error Message Displayed if `JAVA_HOME` Path Is Set to Value Longer Than 80 Characters (4854768)

If the `JAVA_HOME` path is set to a value longer than 80 characters, the following incorrect error message is displayed:

```
Could not start Hardware service
```

You can check that the Hardware Diagnostic Suite is running by typing:

```
% ps -ef | grep HWDS
```

Workaround: Ignore this error message. The Hardware Diagnostic Suite starts correctly.

Hardware Diagnostic Suite Runs Improperly Inside a Local Zone (6337001)

Hardware Diagnostic suite is expected to run only inside a global zone. Due to a bug in the setup scripts of Sun Management Center, Hardware Diagnostic Suite runs improperly inside a local zone.

Workaround: Do not run the Hardware Diagnostic Suite inside a local zone.

Performance Reporting Manager Software Bugs

Problem With Java Service Causes Performance Reporting Manager to Fail to Collect Agent Data (4855306)

If 15 or more Performance Reporting Manager report requests are scheduled to run at the same time, you might encounter one or more of the following problems after the software has been running for a period of time:

- Data is not collected from agent machines
- Some report requests remain in a run state indefinitely
- Report requests cannot be scheduled as desired
- Grouping task requests cannot be scheduled as desired
- The Report Manager GUI cannot be launched
- The Manage Jobs GUI cannot be launched

For some of the previously mentioned problems, the console might display the following error message when you launch the Manage Jobs GUI:

```
Task Service is not available
```

Similarly, for some of these problems, the console might display the following error message when you launch the Report Manager GUI:

```
Report Service is not available
```

Workaround: When you encounter this problem, stop and restart your server components. Type the following commands:

```
# es-stop -A  
# es-start -A
```

To avoid this problem, do not schedule more than 15 report requests to run at the same time. Space the run time of scheduled requests over a period of time. For example, if you have 20 requests required to run every hour, split the requests into two separate batches, each containing 10 requests. Schedule the batches to run at 15-minute intervals. Do not schedule the batches to run at the same time.

Alarms Reports Not Filtered Correctly When All Hosts Option Is Selected (4788475)

Alarms logged against agent machines are not filtered correctly in Alarms Reports when the All Hosts option is selected and a filter is specified.

When the All Hosts option is selected along with a filter, the specified filter criteria are applied to all the alarms that are logged for all the hosts. The filtered alarms are returned in the report output. Additionally, the report includes any Agent Not Responding alarms and Host Not Responding alarms from all monitored hosts. The specified filter criteria are not applied to such alarms.

Workaround: This problem can be avoided by explicitly specifying host names for Alarms reports. Choose from the following workarounds:

- When generating an Alarms report for a single host, either select the host name by providing the `hostname:port`, or select the host name from the Sun Management Center topology view.
- When generating an Alarms report for multiple hosts, either provide the different host names as `hostname:port` in a comma-separated list, or select the multiple host names from the Sun Management Center topology view.

Service Availability Manager Software Bugs

Empty Cell Values for IMAP4 Modules on x86 Systems (5032172)

Rows added to the Service Measurement table of the Service Element for IMAP4 and Synthetic Transaction for IMAP4 modules come up with empty (zero) cell values. Adding rows after these modules have been unloaded and reloaded fails with the following message:

```
Row with following index exists:!!!!
```

The bug might cause the Service Element for IMAP4 and Synthetic Transaction for IMAP4 modules to fail on x86 systems.

Workaround: Ensure that a Synthetic Transaction for IMAP4 module is loaded on a SPARC agent host to monitor IMAP services running on x86. The loaded module needs to be configured to probe the IMAP service on the x86 system.

Modify Service Object Dialog Box Might Not Accept Characters on Microsoft Windows 2000 Systems (4738717)

The Modify Service Object dialog box on a Microsoft Windows 2000 system might not accept characters in certain text fields when you are running the Java runtime environment, version 1.3.1 to version 1.4.0. When you attempt to change the service type value from the default of HTTP, characters provided for the Hostname and Instance text fields are not accepted.

Note – This problem does not occur if you are running the Java runtime environment version 1.4.1.

Workaround: Before using the Modify Service Object dialog box, install the Java runtime environment version 1.4.1 on Microsoft Windows 2000 systems.

Add-On Config Readers Bugs

es-validate Command Reports Inconsistent Version Numbers Between English and Other Language Installations (6331558)

Localization packages for Entry-Level Platform (ELP), Netra, Desktop/Workstation, and Workgroup Server add-on software are not updated in this release because no change is needed from the previous release.

Workaround: None.

PICL Might Not Interpret Some System Configuration Changes on Low-End and Midrange Systems (6243759)

This issue occurs in the ELP, Netra, and Desktop/Workstation config readers.

On Netra 240/440/T4, Sun Blade 100, and Sun Fire V240 servers that use Solaris 10 software, Platform Information and Control Library (PICL) might not interpret some system configuration changes after initialization, such as the bge1-bge3 drivers. The instances for these drivers are reflected in the output of the `prtconf -v` command but not in the output of the `prtpicl -v` command.

Workaround: Realign PICL with the `prtconf` utility by issuing the `svcadm restart picl` command.

Entry-Level Platform (ELP) Bugs

Sun XVR-1200 Graphics Accelerator Could Be Incorrectly Listed as XVR-500 in Sun Blade 2500 Systems (4856644)

The Sun XVR-1200 Graphics Accelerator might incorrectly use the same device name as the Sun XVR 500 graphics accelerator. Thus, the Sun XVR-1200 would be listed as XVR-500 in the Expansion Card Table and Physical View on Sun Blade 2500 systems.

Workaround: To verify if the graphics accelerator is listed correctly, check the IO Devices section of the output of the `/usr/platform/<i>platform-name</i>/sbin/prtdiag` command. In this command, `<i>platform-name</i>` must be replaced with the entire output of the `uname -i` command on your system.

Physical Component Descriptions Not Displayed on Sun Fire V440 and Netra 240/440 Servers (6289784)

The physical component descriptions of the Entry-Level Platforms Config Reader incorrectly display "--" as Model Name, Part Number, Version, and Serial Number on Sun Fire V440 servers with Solaris 9 4/04 and Solaris 10 software installed.

Workaround: None.

Using the psradm Command to Take CPUs Offline Fails to Generate an Alarm (6296273)

An alarm is not generated by the agent when a CPU is taken offline with the psradm -f command. Additionally, when the CPU is brought back online, the Processors table does not immediately update the CPU as online.

Workaround: To see an updated status, click other tables in the GUI and then click the table of interest. A default refresh interval updates all the tables once an hour.

Physical View Does Not Display the CD/DVD Drive on Sun Fire V240 Servers (6300856)

The Physical View of Sun Fire V240 servers with Solaris 8 software installed does not display the CD/DVD drive. Information similar to the following is displayed:

```
sd30  Soft Errors: 0 Hard Errors: 2 Transport Errors: 0
Vendor: TEAC  Product: DV-28E-C  Revision: 1.4B Serial No:
Size: 18446744073.71GB <-1 bytes>
Media Error: 0 Device Not Ready: 2 No Device: 0 Recoverable: 0
Illegal Request: 0 Predictive Failure Analysis: 0
```

Workaround: None.

Physical View Incorrectly Displays Two CPU Fans on Sun Blade 2500 Workstations (6308577)

On Sun Blade 2500 workstations with one CPU, the physical view incorrectly displays two CPU fans. This issue also results in a blue alarm for the nonexistent second CPU fan with Operational Status "Lost Comms." in the Config Reader's Physical Components/Fans table.

Workaround: None.

Critical Temperature Values Might not Trigger Alarms on Sun Fire 1500 Workstations Due to Incomplete Config Reader Information (6297620)

The Environmental Sensors/Temperature Sensors table on Sun Blade 1500 workstations lists only the Ambient and Die CPU temperature sensors. The sys-in Ambient temperature sensor is not listed in the table, which could result in critical temperatures not triggering alarms. All of these temperature readings are listed in the PICL output.

Workaround: None.

Critical Temperature Values Might not Trigger Alarms on Sun Fire 2500 Workstations Due to Incomplete Config Reader Information (6298965)

The Environmental Sensors/Temperature Sensors table of the ELP config reader on Sun Blade 2500 workstations lists only the Ambient-0 CPU Die, and hard-disk temperature sensors. The sys-in, sys-out, and Ambient-1 temperature sensors are not listed in the table, which could result in critical temperatures not triggering alarms. All of these temperature readings are listed in the PICL output.

Workaround: None.

Disk Count on ELP Platforms Incorrectly Includes the CD/DVD Drive (6307965)

On all ELP platforms, the Total Disks in the Hardware Summary of the Hardware tab (the System node property value for Total Disks) incorrectly includes the CD/DVD drive. Thus, on ELP platforms with four disks and an optical drive, the Disk Count displays 5.

Workaround: None.

Physical View on Sun Blade 2500 Workstations Incorrectly Indicates PCI Slots as Populated (6316693)

On Sun Blade 2500 workstations, the rear view of the Physical View incorrectly indicates PCI card slots as populated. For example, on a system with only one PCI card in slot 5, the rear view indicates that slots 0, 2, 3, 4, and 5 are populated. However, none of the nonexistent card images are highlighted when the mouse is moved over them. Only the image for the slot with the card inserted (5 in this example) is correctly highlighted.

Workaround: Move the mouse over the slots indicated as populated to verify that they are actually populated. The correctly populated slot is highlighted when the mouse is moved over it.

Physical View on Sun Blade (Silver) Platforms Might Not Display Accurate Chassis Colors (6210876)

The Sun Management Center supplement for Sun Blade 1500/2500 (Silver) platforms leverages the existing Sun Blade 1500/2500 (Red) implementation. Thus, some of the images that are displayed in the Topology View and the platform Physical View might not match the actual physical colors of the Silver platforms.

In addition, the System-Side Physical View, which displays the Motherboard and other internal components for the Sun Blade 2500 (Silver) platform, also does not display the DIMM Duct or the Disk Fan assembly.

Workaround: None.

Sun Fire High-End and Midrange Systems Bugs

For information about these bugs, see *Sun Management Center 3.5 Version 6 Release Notes for Sun Fire High-End Systems* and *Sun Management Center 3.5 Version 6 Release Notes for Sun Fire Midrange Systems*.

Sun Fire T2000 Bugs

No Indication That the Service Processor Offlined a CPU Prior to Boot on Sun Fire T2000 Systems (6318168)

When a CPU is offlined by the service processor, the CPU's status is not recorded by Sun Management Center. Sun Management Center does record and indicate when a CPU is offlined by the operating system with the `psradm` command.

Workaround: Use the `showcomponents` command on the service processor to view CPUs that have been offlined prior to boot.

LED Images for SYS/LOCATE and SYS/SERVICE Appear in Wrong Location on Sun Fire T2000 Systems (6323669)

LED images for SYS/LOCATE and SYS/SERVICE appear in the wrong location of the rear chassis view. The physical placement of these images is between the system controller serial management port and USB ports on Sun Fire T2000 systems.

Workaround: None.

Fan Tray Images for FT0/F0 and FT0/F2 Appear Reversed on Sun Fire T2000 Systems (6323674)

In the top view of Physical View, fan tray images for FT0/F0 and FT0/F2 appear reversed. The descriptions of each fan contradict their image locations when viewed from the front.

Workaround: None.

Erroneous Number of Processors Reported in Some Tables on Sun Fire T2000 Systems (6327350)

The number of processors that is reported in the System table and Hardware Summary table might not match the number of entries of processors listed in the Processors table. The information in the Processors table is correct.

Workaround: None.

Locations of Ethernet Ports in Physical View Do Not Match the Descriptive Locations on Sun Fire T2000 Systems (6327987)

The physical locations of some Ethernet ports in the System-Rear chassis image of Physical View do not match their descriptive locations.

Workaround: None.

Unpopulated Memory Module Slots Print Junk Text in SEEPROM Information Fields on Sun Fire T2000 Systems (6328269)

On Sun Fire T2000 systems, unpopulated memory slots might cause the system to attempt to read the SEEPROM information. As a result, garbled text appears in the following fields:

- Part Number
- Serial Number
- Manufacturer
- Size

Workaround: None.

Descriptions for Numeric Voltage Sensors Incorrectly Switched (6328444)

The descriptions for the Numeric Voltage Sensors IOBD/V_+3V3MAIN and IOBD/V_+3V3STBY are switched in the Numeric Voltage Sensors Table.

Workaround: None.

Sun Management Center Displays an Incorrect Platform Name for Sun Fire T2000 Systems (6321787)

Sun Management Center incorrectly displays Sun-Fire-T200 as the platform name for Sun Fire T2000 systems. The Sun Fire T2000 system controller correctly displays Sun-Fire-T2000 as the platform name.

Workaround: None.

Physical View of the ELP Config Reader on Sun Fire T2000 Systems Does Not Display DIMM Location or Correct Status (6334131)

On Sun Fire T2000 systems, the ELP config reader does not display the DIMM memory devices in the Physical View and will not communicate an ERROR status when appropriate for each DIMM. The only operational status that is reported for DIMMs is OK or NOT PRESENT.

Workaround: None.

Netra Bugs

PICL Daemon Must Be Restarted After Dynamic Reconfiguration (6247392)

After a dynamic reconfiguration (DR) operation with the `cfgadm` command on a system board with Solaris 10, several values in the config reader tables are either not displayed, or are displayed as '--'. The following config reader table entries are affected:

- System
- Network Devices
- LOM
- ASR
- LOM Events
- LOM Alarms
- Fault Indicator

The Hardware Summary and Physical View are also affected. The values for the Hardware Summary are displayed as '--' and the Physical View does not display the graphics for the system.

Workaround:

Restart the PICL daemon after a DR operation with the following commands:

For Solaris 8 and 9 systems:

```
% /etc/init.d/picld stop
```

```
% /etc/init.d/picld start
```

For Solaris 10 systems:

```
% svcadm restart svc:/system/picl:default
```

PICL Daemon Must Be Restarted After Dynamic Reconfiguration of DC PSU Type D142 on Netra 1280 Servers (6247392)

The PICL daemon is not updated after a DC PSU Type D142 is dynamically reconfigured on Netra 1280 servers.

Workaround: Restart the PICL daemon after a DR operation with the following commands:

For Solaris 8 and 9 systems:

```
% /etc/init.d/picld stop
```

```
% /etc/init.d/picld start
```

For Solaris 10 systems:

```
% svcadm restart svc:/system/picl:default
```

DC Power Supply Fields A and B Reversed (6277372)

Reports for the DC Power supply fields A and B are incorrectly reversed. If A is faulty and B is OK, Sun Management Center reports that B is faulty and that A is OK and vice versa.

Workaround: None.

Internal Devices Not Detected During Dynamic Reconfiguration Operations (6326558)

Internal devices such as disk and network are not detected during the removal process of DR operations on Solaris 10 systems.

Workaround: Restart the PICL daemon after a DR operation with the following command:

```
% svcadm restart picl
```

The workaround might not enable the agents that run on Solaris 10 systems to detect when the removal, insertion, or reconfigure operations of internal devices (disks, network) occurred.

Desktop/Workstation Bugs

Physical View of Sun Blade 1000 and 2500 Workstations Might Display Disks and Disk Labels Incorrectly (6288842)

On Sun Blade 1000 and 2500 workstations with two disks, the Physical View might display only the bottom disk and also might label the disk incorrectly. For example, the bottom disk could be labeled c0t3d0 instead of c0t1d0.

Workaround: None.

Physical View of Sun Blade 100 Workstations Might Not Display DIMM Memory Devices (6289568)

The DIMMs table of the config reader displays "--" for the Socket Number column entries on Sun Blade 100 workstations with Solaris 8 2/02 or Solaris 8 2/04 software installed. The missing entries prevent the top view of the Physical View from displaying DIMM memory devices.

Workaround: None.

Workgroup Server Bugs

Red Alarms Occur on Sun Fire 280R Servers Due to Temporary Indeterminate Status of DIMMs and Fans (6326476)

On Sun Fire 280R Servers with Solaris 10 software installed, red alarms occur for approximately five minutes after the agent starts. The red alarms are triggered from the DIMMs and Fans tables of the Config Reader because the status of the DIMMs and fans is temporarily indeterminate.

When the red alarms are on, the top, front, and rear views of the Physical View do not display any components and display the chassis only.

Workaround: None.

Sun Fire V490 and Sun Fire V890 Servers Not Displayed as Supported in the Config Reader Module (6287829)

The Module description for the Config Reader Module for workgroup servers does not include the Sun Fire V490 and the Sun Fire V890 servers as supported platforms apart from Sun Fire 280R, Sun Fire V480, and Sun Fire V880 servers already present.

You can display this description by clicking mouse button 3 on Config Reader and selecting Attribute Editor in the Module Browser window.

Workaround: None.

Selecting the Alarm Tab on Sun Fire V880 and Sun Fire V480 Servers Causes Alarm Alert Messages (6317433)

On Sun Fire V880 and Sun Fire V480 servers with two objects, an Alarm Alert message similar to the following appears when you select the Alarm Tab on the discovered object.

The following alert message might be displayed:

Unable to get event management information from agent. Agent was busy or down.
Will default to local event manager.

Most likely, this alert message is incorrect and the agent is working properly.

Clicking OK causes the alarm tab table to default to local event management. If the detail window of the discovered object is closed and opened again, clicking the alarm tab causes the same alert message to be displayed.

Workaround: None.

Incorrect Processor Type in Hardware Rules Table of Sun Fire V890 Servers on Solaris 10 (6318026)

Sun Fire V890 servers are shipped with UltraSparc-IV processors. However, the Property column of the Hardware Rules table incorrectly displays "Correctable Memory Error, Ultra Sparc III" and "I/O Correctable Error, Ultra Sparc III" as the processor type.

Workaround: None.

Late-Breaking News

This chapter includes information on new features that arrived too late to be included in the Sun Management Center 3.6 documentation set.

Platforms No Longer Supported

Starting with this release, the platforms listed in [Table 3-1](#) are no longer supported by the corresponding add-on software.

If you want to use Sun Management Center software with these platforms, you must use an earlier version. If you want to use the software with these platforms with the Solaris 10 Operating System, minimum requirements are:

- Sun Management Center 3.5 Update 1b software
- Patch 118389-07 (or later)

Note – The Sun Fire V1280 is no longer supported by the Netra add-on software with Sun Management Center 3.6 software. Use instead the add-on software for Sun Fire entry-level midrange systems or an earlier version of the software.

TABLE 3-1 Unsupported Platforms Starting With Version 3.6

Add-On Software	Platforms No Longer Supported
Netra	Netra T1/X1 series Sun Fire V1280 — Use instead add-on software for Sun Fire entry-level midrange systems

TABLE 3-1 Unsupported Platforms Starting With Version 3.6 *(Continued)*

Add-On Software	Platforms No Longer Supported
Starfire (Sun Enterprise 10000)	Entire add-on no longer supported
Sun Enterprise 3x00/4x00/5x00/6x00 and SPARCserver 2000 (<i>x</i> is a variable)	Entire add-on no longer supported
Sun Fire B1600 with server blades B200x/B100x/B100s	Entire add-on no longer supported
Sun Fire Link	Entire add-on no longer supported
Workgroup Servers	Sun Enterprise 450/420R/250/220R/10/5/2 Sun Filer N8400/N8200 Sun Ultra 450/250/10/5/2/1
Workstations	Sun Ultra 80/60/30

Documentation Issues

This chapter describes documentation errors and omissions. Bug numbers are shown in parentheses.

General Documentation Issues

The documentation for Sun Management Center 3.6 is *not* available on the software CD. The English documents and localized documents are available at <http://docs.sun.com>.

Online Help is not part of the product. Choosing Sun Management Center Help from the Help menu navigates the user to the Sun Management Center 3.6 Software Collection on <http://docs.sun.com>.

Quickstart: Installing and Setting Up Sun Management Center 3.6 Issue

Table 3, “Sun Systems Supported by Sun Management Center 3.6” omitted Sun Fire T2000.

UltraSparc IV+ CPU/Memory boards are supported on the following platforms:

- Sun Fire V890/V490
- Sun Fire E2900
- Sun Fire E6900/E4900

- Sun Fire E25K/E20K

The base add-on in Table 5, “Add-on Disk Space Requirements by Base Component” is Volume System Monitoring and not X86Rack.

Sun Management Center 3.6 User’s Guide Issues

Missing Information for the `setAlarmAction` Command

The information about setting up email alerts for an alarm is missing in the description of the `setAlarmAction` command. The missing information is as follows:

To set up email alerts for an alarm, the command format can either be `command="email.sh:<email-id>:<message>"` or `command="email:<email-id>:<message>"`.

Correct Syntax of the `help` Command

The syntax of the `help` command is incomplete. The correct syntax is as follows:

```
help [-e] [<command>|about|legal]
```

Parameters

`-e` displays the help text in extensive mode. The following format is also supported: `<command> -e`.

`-h` displays the help text in normal mode. The following format is also supported: `<command> -h`.

`about` displays the version information about CLI.

`legal` displays the licensing terms of the CLI.

Sun Management Center 3.5 Supplement for the Sun StorEdge A5x00 and T3 Arrays Issue

Table 1-42, “Sun StorEdge T3 Module – Rules” omitted the following rules.

Rule	Description
rp1e400	FRU/disk – Use fruState and fruStatus to decide whether the disk is normal.
rp1e401	FRU/controller – Use fruState and fruStatus to decide whether the controller is normal.
rp1e402	FRU/loop-card – Use fruState and fruStatus to decide whether the loop-card is normal.
rp1e403	FRU/power cooling unit – Use fruState and fruStatus to decide whether the power-cooling-unit is normal.
rp1e404	System/basic-table/basic-entry/sysStatus rule – If sysStatus is not equal to OK, something is wrong with the T3 array.

Sun Management Center 3.5 Supplement for VSP High End Entry Servers (Workgroup Servers) Issue

Page 11 inaccurately refers to information in the *Sun Management Center 3.5 Installation and Configuration Guide* about installing the new localization packages.

The *Sun Management Center 3.5 Installation and Configuration Guide* does not contain information about installing new localization packages. The following revised text provides the appropriate information:

During installation, you are given the option to select additional languages for online help and support files.

Sun Management Center 3.5 Supplement for Workstations Issue

Page 8 inaccurately refers to information in the *Sun Management Center 3.5 Installation and Configuration Guide* about installing the new localization packages.

The *Sun Management Center 3.5 Installation and Configuration Guide* does not contain information about installing new localization packages. The following revised text provides the appropriate information:

During installation, you are given the option to select additional languages for online help and support files.

French, Japanese, Korean, Simplified Chinese, and Traditional Chinese Supplemental Documentation Issue

The following French (FR), Japanese (JA), Korean (KO), Simplified Chinese (ZH) and Traditional Chinese (ZH_ZW) supplemental documentation for Sun Management Center 3.6 is provided in PDF only:

- *Sun Management Center 3.6 Supplement for the Sun Fire, Sun Blade and Netra Systems*
- *Sun Management Center 3.5 Version 6 Release Notes for Sun Fire High-End Systems*
- *Sun Management Center 3.5 Version 6 Supplement for Sun Fire High-End Systems*
- *Sun Management Center 3.5 Version 6 Release Notes for Sun Fire Midrange Systems*
- *Sun Management Center 3.5 Version 6 Supplement for Sun Fire Midrange Systems*
- *Sun Management Center 3.5 Version 6 Release Notes for Sun Fire Entry-Level Midrange Systems*
- *Sun Management Center 3.5 Version 6 Supplement for Sun Fire Entry-Level Midrange Systems*
- *Sun Management Center 3.5 Supplement for Netra Servers*
- *Sun Management Center 3.5 Supplement for VSP High End Entry Servers (Workgroup Servers)*
- *Sun Management Center 3.5 Supplement for Workstations*

Sun Management Center 3.5 Supplement for Netra Servers, Japanese Version, Issue

Chapter 1 omitted the following localization packages.

TABLE 4-1 Summary of Localization Package Deployment

Language	Packages
French	SUNWfesna
	SUNWfesni
	SUNWfesns
Japanese	SUNWjesna
	SUNWjesni
	SUNWjesns
Korean	SUNWkesna
	SUNWkesni
	SUNWkesns
Simplified Chinese	SUNWcesna
	SUNWcesni
	SUNWcesns
Traditional Chinese	SUNWhesna
	SUNWhesni
	SUNWhesns

Note – Do not use the `pkgadd` command to install these packages. Instead, use the installation scripts, as described in Chapter 3 of the *Sun Management Center 3.5 Supplement for Netra Servers*.
