



# Sun™ SNMP Management Agent Release Notes, Version 1.5.5

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# Sun SNMP Management Agent Release Notes, Version 1.5.5

This document contains release and platform-specific information for the Sun™ Simple Network Management Protocol (SNMP) Management Agent, Version 1.5.5. Use this document with the *Sun SNMP Management Agent Administration Guide for Sun Supported Servers*, Version 1.5.3, 819-7978-13.

## Supported Platforms

The Sun Netra™ 5440 Server is supported as of this release.

The following table lists all platforms supported in this release with reference to documentation specific to that platform. Platform documentation can be found at:

<http://docs.sun.com>

**TABLE 1** Supported Platforms

Platform	Reference
Netra 210 Server	<i>Netra 210 Server System Administration Guide</i> <i>Netra 210 Server Service Manual</i>
Netra 240 Server	<i>Netra 240 Server System Administration Guide</i> <i>Netra 240 Server Installation Guide</i> <i>Sun SNMP Management Agent Addendum for the Netra 240 Server</i>
Netra 440 Server	<i>Netra 440 Server System Administration Guide</i> <i>Netra 440 Server Installation Guide</i> <i>Sun SNMP Management Agent Addendum for the Netra 440 Server</i>

**TABLE 1** Supported Platforms (*Continued*)

<b>Platform</b>	<b>Reference</b>
Netra 1290 Server	<i>Netra 1290 Server System Administration Guide</i> <i>Netra 1290 Server Installation Guide</i>
Netra T2000 Server	<i>Netra T2000 Server Administration Guide</i> <i>Netra T2000 Server Installation Guide</i> <i>Netra T2000 Server Service Manual</i>
Netra T5220 Server	<i>Sun Netra T5220 Server Administration Guide</i> <i>Sun Netra T5220 Server Installation Guide</i> <i>Sun Netra T5220 Server Product Notes</i>
Netra T5440 Server	<i>Sun Netra T5440 Server Administration Guide</i> <i>Sun Netra T5440 Server Installation Guide</i> <i>Sun Netra T5440 Server Product Notes</i>
Sun Blade™ T6300 Server Module	<i>Sun Blade T6300 Server Module Administration Guide</i> <i>Sun Blade T6300 Server Module Installation Guide</i> <i>Sun Blade T6300 Server Module Service Manual</i>
Sun Blade T6320 Server Module	<i>Sun Blade T6320 Server Module Installation Guide</i> <i>Sun Blade T6320 Server Module Product Notes</i> <i>Sun Blade T6320 Server Module Service Manual</i>
Sun Fire™ E2900 System	<i>Sun Fire E2900 System Installation Guide</i> <i>Sun Fire E2900 System Service Manual</i>
Sun Fire T1000 Server	<i>Sun Fire T1000 Server System Administration Guide</i> <i>Sun Fire T1000 Server Installation Guide</i> <i>Sun Fire T1000 Server Installation Guide</i>
Sun Fire T2000 Server	<i>Sun Fire T2000 Server Administration Guide</i> <i>Sun Fire T2000 Server Installation Guide</i> <i>Sun Fire T2000 Server Service Manual</i>
Sun Fire V125 Server	<i>Sun Fire V125 Server Administration Guide</i> <i>Sun Fire V125 Server Installation Guide</i> <i>Sun Fire V125 Server Service Manual</i>
Sun Fire V210 and V240 Servers	<i>Sun Fire V210 and V240 Servers Administration Guide</i> <i>Sun Fire V210 and V240 Servers Installation Guide</i>
Sun Fire V215 and V245 Servers	<i>Sun Fire V215 and V245 Servers Administration Guide</i> <i>Sun Fire V215 and V245 Servers Installation Guide</i> <i>Sun Fire V215 and V245 Servers Service Guide</i>
Sun Fire V250 Server	<i>Sun Fire V250 Server Administration Guide</i> <i>Sun Fire V250 Server Installation Guide</i>

**TABLE 1** Supported Platforms (*Continued*)

Platform	Reference
Sun Fire V440 Server	<i>Sun Fire V440 Server Administration Guide</i> <i>Sun Fire V440 Server Installation Guide</i>
Sun Fire V445 Server	<i>Sun Fire V445 Server Administration Guide</i> <i>Sun Fire V445 Server Installation Guide</i> <i>Sun Fire V445 Server Service Manual</i>
Sun Fire V1280/Netra 1280 Systems	<i>Sun Fire V1280/Netra 1280 Systems Installation Guide</i> <i>Sun Fire V1280/Netra 1280 Systems Product Notes</i>
Sun SPARC® Enterprise T5120 and T5220 Servers	<i>Sun SPARC Enterprise T5120 and T5220 Servers Administration Guide</i> <i>Sun SPARC Enterprise T5120 and T5220 Servers Installation Guide</i> <i>Sun SPARC Enterprise T5120 and T5220 Servers Service Manual</i>
Sun SPARC Enterprise T5140 and T5240 Servers	<i>Sun SPARC Enterprise T5140 and T5240 Servers Administration Guide</i> <i>Sun SPARC Enterprise T5140 and T5240 Servers Installation Guide</i> <i>Sun SPARC Enterprise T5140 and T5240 Servers Service Manual</i>

## Location of Installation and Additional Required Packages

Sun SNMP Version 1.5.5 software installation packages are supplied in the zip archive bundle `SNMP-1_5_5-GA.tar.Z`, at the following location:

`http://www.sun.com/software/download/index.html`

If you do not see the listing for Sun SNMP 1.5.5 under New Downloads, use the A-Z Index of All Products to find the software. Always use the latest version of this file for installation.

Additional required packages are available from the Solaris™ 10 Operating System DVD, under:

`/cdrom/cdrom0/s0/Solaris_10/Product`

These additional packages, must be installed to enable support of the SNMP Management Agent. For a list of these packages refer to “Installation and Additional Required Packages” in the *Sun SNMP Management Administration Guide for Sun Supported Servers, Version 1.5.3*.

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# Overriding Server Configuration File Names

For some configurations, the `/etc/opt/SUNWmasf/conf/snmpd.conf` file must be edited before the SNMP agent is started. The line to be edited is currently commented out, and it specifies which alternate configuration file to use.

# SUNW\_masfForceConfigFile sun-blade-t6300-c48.conf

The following table lists the system configurations for which an alternate configuration file has to be specified.

**TABLE 2** When to Override the File Name

System Configuration	Action
Netra T5220 Server (2-disk version)	Remove the comment and change the system configuration file name to <code>netra-t5220-2dd.conf</code>
Sun Blade T6300 System (C48 chassis)	Remove the comment
Sun Blade T6320 System (C48 chassis)	Remove the comment and change the system configuration file name to <code>sun-blade-t6320-c48.conf</code>
Sun SPARC Enterprise T5240 (16-disk version)	Remove the comment and change the system configuration file name to <code>t5240-16hdd.conf</code>

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## Patches

No patches must be installed in addition to the standard Solaris Operating System software at this time. To ensure the latest patch information, always go to SunSolve<sup>SM</sup> for the latest set of patches for your product:

<http://sunsolve.sun.com>



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## Location of Documentation

Sun SNMP Management Agent documentation can be found at:

<http://docs.sun.com/app/docs/prod/snmp#hic>

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## Known Issues

This section describes known issues in SNMP 1.5.5 software.

### Restart PICL Before Running SNMP

Before you run the SNMP daemon, restart the Platform Information and Control Library (PICL) daemon by typing:

```
# svcadm restart picl
```

### XAUI 10-Gigabit PCI-E Network Cards

An accurately plumbed and configured network interface is required for the SNMP Management Agent for Sun Fire (MASF) operation. When one or more XAUI 10-gigabit PCI-Express (PCI-E) network cards are installed in a T5x40 system, the cards disable the corresponding network ports 0 and 1. If one of these cards is installed in PCI-E card slot 1, and the card is not going to be used as the default system network interface, select and configure either network port 2 or port 3 to use as the system default interface.

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# Bugs Affecting SNMP Management Agent 1.5.5 Software

This section summarizes the bugs that you might encounter when using this version of the software. The bug descriptions are in numerical order by bug ID. If a workaround is available, it is specified.

## Certain FRUs Are Identified Incorrectly by the SNMP Agent (Bug ID 4895527)

The SNMP agent incorrectly identifies Sun Fire V210, V240, and V250 field replaceable units (FRUs).

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**Note** – This bug does not apply to the Sun Fire V440 and Netra 440 platforms.

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The SNMP agent reports the following items as having an incorrect `entPhysicalIsFRU` property:

- Motherboard
- CPUs
- CPU fans

*Workaround:* Ignore this error.

## Serial Number and Host Name Are Not Provided In Some Cases (Bug ID 6306526)

The serial number and host name are not provided in the `sunPlatNotificatAdditionalText` property of the `sunPlatEquipmentAlarm` and `sunPlatEnvironmentalAlarm` traps for the Netra 1280 and Sun Fire 1280 servers.

## Cannot Run SNMP MASF and Sun Management Center Together (Bug ID 6458182)

You cannot run the SNMP MASF and the Sun Management Center at the same time on sun4v servers because of a resource conflict.

*Workaround:* Run either the SNMP MASF or the Sun Management Center alone.

## The entPhysicalSerialNum for the Chassis Node Should Be the Blade Serial Number (Bug ID 6572351)

Currently, the value of the entPhysicalSerialNum provided by the chassis (:ch) node is set to the serial number associated with the chassis containing the Sun Blade T6300 Server Module. The serial number used in entPhysicalSerialNum for the :ch node should be changed to the product serial number of the blade. The product serial number is the number assigned to the blade at manufacturing. If this number is not available, the serial number for the :ch node should be set to the serial number of the motherboard FRU.

## SNMP Tree Has No REM, FEM, or NEM Entities (Bug ID 6628804 and 6628809)

On Sun Blade T6320 systems, the SNMP tree does not have entities for the Redundant Array of Inexpensive Disks (RAID) Expansion Module (REM), Fabric Expansion Module (FEM), and Network Express Module (NEM) components.

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

```
sc> showfru
```

## Blade Service Processor Fails to Detect PCI-EM (Bug ID 6641519)

When a PCI Express module (PCI-EM) is unconfigured, it is deleted from the SNMP tree (and the slot is reported empty) even though it is physically still there. Conversely, when a PCI-EM is plugged into the system, the SNMP tree does not show it (and the slot is reported empty) until it is configured.

*Workaround:* Use the Solaris OS `cfgadm(1M)` command to check the occupancy status of PCI-EMs.

# <b>cfgadm -al</b>   <b>grep PCI-EM</b>
--

## No Traps Generated For Deleting or Creating a Fan Unit on a Fan Module Hot-Plug (Bug ID 6674509)

When a fan module with multiple fan units per module is unplugged, no fan unit deletion traps are generated, although the fan units are deleted from the SNMP tree correctly. When the fan module is plugged in, no fan creation traps are generated, although the fan units are created correctly. Traps are generated correctly for fan tachometers and the fan module.