



Sun StorEdge™ Traffic Manager 4.6 Software Release Notes

For Microsoft Windows 2000 and 2003
and Red Hat Enterprise Linux
Operating Systems

Sun Microsystems, Inc.
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Sun StorEdge Traffic Manager 4.6 Release Notes For Microsoft and Red Hat Enterprise Linux

This document contains late-breaking information about the installation and operation of the Sun StorEdge™ Traffic Manager software in the supported operating systems. Read this document before attempting to install or operate the Sun StorEdge Traffic Manager software.

The following topics are covered in this document

- “Support Matrix” on page 2
- “Known Issues and Work Around” on page 2
- “Known Bugs and Work Around” on page 3
- “Release Documentation” on page 5
- “Service Contact Information” on page 5

The latest update and release information is available at:

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http://www.sun.com/products-n-solutions/hardware  
/docs/Software/Storage_Software/Sun_StorEdge_Traffic_Manager  
/index.html
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Support Matrix

A list of the hardware and software supported by Sun StorEdge Traffic Manager 4.6 software for the supported operating system is at the following URL:

http://www.sun.com/storage/san/multiplatform_support.html

Known Issues and Work Around

The following issues and their work around may occur in the supported operating systems.

Microsoft Windows 2000 and 2003

- Normal Automatic Contingent Allegiance (NACA) on Sun StorEdge 39xx and Sun StorEdge 6120 devices must be disabled to properly use Microsoft Windows Clustering.
- If a version of HBAnywhere other than 2.0a13 is installed on the Microsoft Windows server, you are required to rename the RMServer.exe file, found in the HBAnywhere install directory, and reboot the server to avoid system destabilization. Rename RMServer.exe to something that is not executable, for example, RMServer.norun.
- The New Hardware Wizard comes up on Windows 2000/2003 every time the host is rebooted or a path is broken then repaired with 3510 storage attached.

Linux

- To safely add or remove paths via the Sun StorEdge Traffic Manager (SSTM) administrative tools on the Linux Operating system, all input/output (I/O) from the host must be quiesced.
- To safely unload the host bus adapter (HBA) driver, ensure that no graphical user interface (GUI) or command-line interface (CLI) activities are in progress.
- When using the QLogic version 7.01.01 driver, the failover support must be disabled. See section 8.3.1 of README.q1a2x00.

- Adobe Acrobat must be installed by the user to view the Sun StorEdge Traffic Manager Installation and User's guide through the GUI help menu on the Linux operating systems.
- While running Sun StorEdge Traffic Manager 4.6 GUI properties tests, it was discovered that the HBA properties are reported as unknown. This is believed to be a Qlogic HBA application programming interface (API) problem for the AMD64 kernel in driver package 7.01.01.

Known Bugs and Work Around

The following bugs and work around might occur in the supported operating systems.

Microsoft Windows 2000 and 2003

- **5109649**

The SSTM 4.6 GUI and CLI have a duplicate 6130 device entry, after a cable fault.

After a path failover induced in testing the SSTM CLI and GUI displayed an entry for an array that did not exist. The array entry had no associated paths and a device ID of all zeros and thus was clearly created as the result of a transient condition that had since been resolved. All real paths were visible and correctly associated with their arrays so the only consequence was some spurious information in the management tools.

The spurious information can be cleared by rebooting the server. There is no way for the user to prevent the problem from occurring except that it can only occur during a path failover and it is uncommon even then.

Workaround

None.

Linux

■ 5085768

Autofailback not failing back all paths correctly

With autofailbacks enabled, if the preferred path between a 6130 and the back-end switch goes down, I/O will continue on non-preferred paths. When the path is restored, failbacks to the preferred paths may not occur, so the non-preferred paths will continue to be used.

Workaround

The path can be re-enabled from the GUI by right clicking the path and selecting "activate path." If the following pop-up is received, the "activate path" option may need to be selected several times to recover from the condition.

"Activate path error. Failed attempt to activate the path h3c0t8d1. The selection of the path failed."

■ 5108276

Unable to restore preferred path to SE6130 after controller failure.

When attempting to activate a path (either through the trafficmgr GUI or the sstm command-line utility), the command will intermittently fail. Through the GUI, right clicking on a path and choosing "activate path" may generate the following message:

Activate Path Error Failed attempt to activate path h2c0t10d1 The selection of the specified path failed

Using the sstm command line utility, "sstm -p X -a" may give: "The selection of the specified path failed"

Workaround

The workaround in both cases is to retry the operation.

Release Documentation

The following document are available:

- *Sun StorEdge Traffic Manager 4.6 Installation Guide*
- *Sun StorEdge Traffic Manager 4.6 User's Guide*

These documents are available at:

- http://www.sun.com/products-network-solutions/hardware/docs/Network_Storage_Solutions/SAN/

Service Contact Information

If you need help installing or using this product, call 1-800-USA-4SUN, or go to <http://www.sun.com/service/contacting/index.html>.

