# Sun StorEdge SAN 4.0 Release Notes

This document contains information about unresolved issues in the Sun StorEdge SAN 4.0 Release software.

# Upgrading the 1G Switch

To upgrade the Sun StorEdge 1G 8-port and 16-port switches from the 3.4.62 FW to the new FW, 4.02.26 or higher, refer to the documentation at the following site.

www.qlogic.com/support/sunresource.asp

The upgrade/downgrade procedure is detailed in Appendix B of the following three manuals.

- *Sun StorEdge Network Switch-8 with E-Ports Installer's/User's Manual*
- *Sun StorEdge Network Switch-16 with E-Ports Installer's/User's Manual*
- *Sun StorEdge Network Switch with E-Ports Management Manual*

An upgrade/downgrade utility (E-T_port_upgrade-downgrade.tar) is available on the same web site.

# Bugs

## Sun StorEdge SAN 4.0 2G Switch

### Bug 4681562

During the FW upload to the 2G Sun switch, you may get the following error message on the GUI: "Firmware upload did not complete, status unknown!" This happens if a packet on the network is lost and the switch GUI does not receive the confirmation from the FW that the upgrade is completed.

### Work Around

You can verify that the download is complete by verifying the new switch FW in the GUI. The verification has to be done after the switch is reset and the GUI is refreshed. In all observed cases the FW has downloaded successfully and the above message could have been ignored. In the rare case that the FW is not downloaded and the switch still shows the older FW, you can download the new FW again.

### Bug 4682488

This bug is related to bug 4681562. The 2G Sun 16-port switch can have two copies of the FW; one is the active FW and the other one is the non-active. If you try to download the same FW in the switch twice, both copies will be the same. This has no implication for switch functionality.

### Work Around

Before attempting to download the FW, verify the current FW in the switch. Refresh the switch and wait for 20 seconds after a reset to make sure that the GUI displays the latest downloaded FW. Upgrade the FW only after you have verified that the FW you want to download is different from the current active FW in the switch.

## Bug 4683284

Occasionally during configuration or activities such as a switch reset or unplugging/plugging a cable, a Sun StorEdge T3 array which is attached to a port on the 2G Sun switch might go offline. The LED on the switch is green, but the device does not show in the nameserver.

## Work Around

You can recover such failure by performing offline/online on the affected port. It will come back and show up in the zone. Always make sure you have good hardware, specifically functional SFP/GBIC and cables.

# Sun StorEdge T3+ Array

## Bug 4674721

In a SAN environment of more than six switches and a large number of initiators, Sun StorEdge T3 2.1 Multilun Array LUN masking may not work properly where a non-register HBA can access a LUN to which it does not have permission.

## Work Around

Instead of using the Sun StorEdge T3 2.1 Multilun Array LUN masking feature, use zoning to allow LUN access. This work around, however, will limit the a different HBA's access to a different LUN on the same StorEdge T3 2.1 Multilun Array because currently we can only zone targets and initiators, not at LUN level.

## Bug 4696606

I/O failures occur in a configuration where both paths to the same Sun Storedge T3 LUN are connected to different switches in the same zone and you pull ISLs between the switches. Both paths to the LUN go offline.

## Work Around

Connect the two paths to the LUNs to two separate zones. If you want both the paths in the same zone, connect the Sun StorEdge T3 arrays in TL mode.

# Sun Fire 3800, 48x0, and 6800 Servers

## Bug 4686405

Dynamic Reconfiguration on Sun Fire 3800,48x0, or 6800 Server may not work properly when using Veritas DMP.

## Work Around

Manually failover the path of the HBA or I/O board to be dynamically reconfigured before performing the DR. Use `vxdmpadm disable ctlr=cx`. After you replace the HBA or I/O board, use `vxdmpadm enable ctlr=cx` to failback.

# Java 1.4

## Bug 4696207

If a Java 1.4 application, such as SANbox Manager, is started with a Bourne shell and Ctrl-c is done in that terminal, SANbox Manager will be killed.

## Work Around

Do not do Cntrl-c in the terminal if you started the SANbox Manager with a Bourne shell. The Cntrl-c does not kill the application if you use a Korn shell or csh shell. If the application is killed, you can restart it; killing and restarting the GUI does not have an impact on the switch functionality.