

Sun Trunking™ 1.3 Release Notes



THE NETWORK IS THE COMPUTER™

Sun Microsystems, Inc.

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Sun Trunking™ 1.3 Release Notes

This document contains known issues and bugs related to the Sun Trunking™ 1.3 product.

Sun Trunking 1.3 is a software product that enables you to aggregate the collective bandwidth of the links on Sun Quad FastEthernet™ cards, Sun™ Gigabit Ethernet, and Sun™ GigaSwift Ethernet cards. Trunking is a cost-effective alternative to buying higher-priced, higher-bandwidth physical links for existing networks.

Supported Platforms

Sun Trunking 1.3 is supported on the following platforms:

- Sun Ultra™ 60, Sun Ultra 80
- Sun Ultra Enterprise™ 3x00, 4x00, 5x00, 6x00
- Sun Enterprise™ E250, E450
- Sun Enterprise™ 10000, 12000, 15000
- Sun Fire™ V series
- Netra™ T3, T4
- Sun Blade™ 100, 150, 1000, 2000
- Netra server family

New Features in This Release

- New underlying software architecture to support the Sun GigaSwift Ethernet adapter (`ce`)
- Support for Solaris 7, 8, 9
- Enhanced `conf` option in the `nettr` utility
- Supports up to four trunk members for the Sun Gigabit Ethernet adapter
- Automated installation of Sun Trunking 1.3 software

Remarks

- `nettr` release will unplumb IPv4 and IPv6 stacks only. Any other application that is opened on the trunk head will not be removed.
- Reboot your system after installation of Sun Trunking 1.3 packages to enable Sun Trunking 1.3 software.
- Platform support for Sun Fire V1280 and Sun Fire 15K products are not yet qualified on the Sun Trunking 1.3 product. Please watch for updates on support for these platforms.
- Sun Trunking 1.3 supports up to four trunk members for both the Sun Gigabit Ethernet adapter and Sun GigaSwift Ethernet adapter. However, the Sun Gigabit Ethernet adapter does not scale well beyond two trunk members. To achieve better scaling with more than two trunk members, use the Sun GigaSwift Ethernet adapter.
- If you currently use Sun Trunking 1.2.1 and you want to save the auto configuration information, please save a copy of the file `nettr.sh` in the `/etc/opt/SUNWconn/trunking/bin/` directory prior to the removal of Sun Trunking 1.2.1 packages.

Known Bugs:

- Enabling MDT in the Sun GigaSwift driver (`ce`) in Solaris 9 (MDT is turned OFF by default) might panic the system (BugID 4885316). The fix for this bug is available in Patch 112817-11.

- Load balancing with policy 4 (IP Source/Destination) is incorrect when running over VLANs on the Sun GigaSwift adapter (BugID 4887509). Please update with the fix that will be available in Patch 115853-01 for Solaris 7, Patch 115854-01 for Solaris 8, and Patch 115855-01 for Solaris 9.
- Using `nettr` with the `setup` option on an invalid instance of the Sun GigaSwift network interface might display the failure message "`nettr: UNLINK failed: Bad file number`". Please update with the fix that will be available in Patch 115853-01 for Solaris 7, Patch 115854-01 for Solaris 8, and Patch 115855-01 for Solaris 9.
- A new `kstat` parameter `trunk_mode` will be available with the driver for the Sun GigaSwift adapter (RFE 4898660). The `kstat` parameter `trunk_mode` indicates that the interface is part of a trunk. This feature will be available in Patch 112327-13 (Solaris 7), Patch 111833-19 (Solaris 8) and Patch 112817-12 (Solaris 9).

