

Sun Trunking 1.2 Release Note



THE NETWORK IS THE COMPUTER™

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Sun Trunking 1.2 Release Notes

This document contains last-minute information related to the Sun Trunking™ 1.2 product. In particular, it presents a table of known software problems and descriptions of known errors in the Sun Trunking manual.

The Sun Trunking 1.2 product is a software-only product that enables you to aggregate the collective bandwidth of the links on Sun QuadFastEthernet™ cards and Sun GigabitEthernet™ cards. Trunking is a cost-effective alternative to buying higher-priced, higher-bandwidth physical links than what you currently use.

Sun Trunking 1.2 Not Supported on the Enterprise 10000 Server

Sun Trunking 1.2 is supported on most Sun server platforms. However, it is not supported on the Sun Enterprise™ 10000 server. The definitive lists of server platforms for the Trunking product are on pages 1 (for Sun QuadFastEthernet) and 37 (for Sun GigabitEthernet) of the *Sun Trunking 1.2 Installation and User's Guide*, part number 806-1036-10.

CPU Recommendation for Trunking QuadFastEthernet Links on Enterprise 3000 Server

If you are trunking QuadFastEthernet links on an Ultra Enterprise 3000 server, we recommend you use CPUs of a speed of 248 MHz or faster. On a given server,

you should have an aggregate CPU speed of about 500 MHz per QuadFastEthernet card. Two 248 MHz CPUs satisfies this requirement.

Known Problems

Shown below is a list of problems we were aware of at the time of release of the Sun Trunking 1.2 software. These problems are relatively minor and should not interfere with your use of the Trunking product. If there is a workaround for a problem, it is noted in the table.

TABLE 1-1 Known Bugs in Trunking Software

Bug ID	Description	Workaround
4226841	Using QuadFastEthernet links, when you run the <code>nettr -stats</code> command continuously (at an interval) over a period of many hours or days, the "Past Peak" field begins to report incorrect data.	Restart the <code>nettr -stats</code> command.
4236327	Using QuadFastEthernet links under Solaris™ 2.5.1, if you enter a <code>nettr -run</code> command, you must enter a Return to return to the system prompt. This behavior is documented in the <code>nettr</code> man page.	Upon completion of a <code>nettr -run</code> command, enter a Return.
4239588	Trunking <code>pkgadd</code> scripts are designed to allow you to install software for an operating system version different from the version on the machine on which you are installing the software. This enables you to install Trunking software for a diskless client that has a Solaris version different from the server's version. A by-product of this feature is that it allows for the possibility of installing packages for the wrong OS version.	Ensure that you <code>cd</code> to the directory that matches the OS version you want; for example, <code>5.6</code> , for Solaris 2.6. If you happen to install the wrong packages, use <code>pkgrm</code> to remove the packages, then install the correct packages.

TABLE 1-1 Known Bugs in Trunking Software (*Continued*)

Bug ID	Description	Workaround
4239379	While trunking QuadFastEthernet links in a back-to-back configuration, if the links are brought down on a remote machine, a <code>nettr -debug</code> command on the local machine does not inform you that the links are no longer available. This seeming omission results from the normal behavior of the QuadFastEthernet software.	If the <code>nettr -debug</code> command shows a link as up and you are unable to send data over the link, ping the remote side. If the ping fails, you know the link is down on the remote machine.
4239925	In a back-to-back configuration using trunked GigabitEthernet links in which a link is going up and down, there can be a minute or two delay before a machine's console messages catch up to the current state of a link.	This problem occurs only where a link is going up and down in intervals of less than a minute.
4239959	The LEDs on QuadFastEthernet cards do not shine at normal brightness when trunking is in effect.	There is no workaround. The LEDs do illuminate, but at less than their normal brightness.

