

LUN*Works* for Solaris

Read Me First



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Information Development
Storage Technology Corporation
One StorageTek Drive
Louisville, CO 80028-2201

Or submit an online Comment Form at:

<http://sts.stortek.com/sts/nid/nidrcf.htm>

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Solaris Read Me First

LUNWorks is a software product that allows you to manage Fibre Channel storage in a highly efficient manner as an administrative cluster. All information in this file is applicable to LUNWorks for Solaris.

Note: Refer to the *LUNWorks for Solaris Installation Manual* for more information about LUNWorks for Solaris.

Refer to the *LUNWorks Installation and User's Manual* and Read Me First file for more information about LUNWorks.

■ Contacting Us

We welcome input from our customers.

- If you have any comments or suggestions for improving our products, go to StorageTek's Customer Support website and follow the contact links:

<http://www.storitek.com/StorageTek/css/>

- If you would like to send feedback about the documentation, please fill out a Reader's Comment Form or send your comments to:

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We encourage and appreciate your feedback.

■ System Requirements

- Solaris 2.6 and 7 (Solaris 7 works in 32-bit mode only)
- PCI bus-equipped computer, with one free bus mastering slot
- Any UltraSPARC workstation or server
- 64 MB of RAM
- Available disk space per file system: root (/): 500k and /opt: 500k
- Network adapter
- Network protocol: TCP/IP

Note: A Windows NT 4.0 system is required with LUNWorks installed and configured on the same network as the Solaris node. This system controls the LUNWorks application.

■ Known Issues

The following are issues with LUNWorks for Solaris:

- Solaris 2.5.1 is not supported. The currently supported versions of Solaris Workstation or Server are 2.6 and 7 (32-bit mode only).
- CLARiiON's Application Transparent Failover (ATF) is currently incompatible with LUNWorks for Solaris.
- When using Solaris 7, device names created for assigned storage LUNs are not removed when the LUNs are unassigned. These device names can be removed manually.
- If you change your configuration, disks may move to a different target address, and UPM devices may appear at different logical unit numbers after rebooting the system.

If this concerns you, StorageTek recommends using the links in **/dev/SAN/dsk** and **/dev/SAN/rdsk** instead of the links in **/dev/dsk** and **/dev/rdsk** to access the LUNs.

- After un-installing LUNWorks, you must reboot before re-installing LUNWorks. This is required to ensure that the LUNWorks drivers and services have been completely removed.
- There are potential problems when hot-swapping some vendors' Fibre Channel JBOD (just a bunch of disks) drives attached to a Fibre Channel switch. Avoid this situation to prevent potential problems.
- If you use the **Scan for Nodes** command during heavy I/O on the network, some nodes may be displayed with missing node (grayed-out) icons in the main window. This occurs because the Solaris processing priority level may not allow sufficient time to respond to this command.

To restore the node to the active state, you may need to use the **Ping Node** or **Scan for Nodes** commands. If neither of these commands restores the node's active status, either nice the system priorities accordingly or reduce CPU-intensive processes on the Solaris node, then ping the node or scan for nodes again.

- Assigning and unassigning LUNs to Solaris nodes or share groups that contain Solaris nodes may take noticeably longer than assigning and unassigning LUNs to Windows NT nodes or share groups that contain Windows NT nodes.
- LUNWorks does not manage non-disk devices (such as CD-ROM and tape drives) under Solaris.