

LUNWorks for Solaris

Installation Instructions



Information in this file is subject to change. In the event of changes, the information will be revised. Comments concerning its contents should be directed to:

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Installation Instructions for Solaris

Welcome to LUNWorks for Solaris.

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 the installation of LUNWorks on Solaris operating systems.

Note: Refer to the *LUNWorks for Solaris Installation Manual* and the *Solaris Read Me First* file for more information.

These files are located in the Documents folder on the installation CD.

■ System Requirements

All LUNWorks nodes must meet the following minimum 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 computer is required with LUNWorks installed and configured on the same network as the Solaris node.

The Windows NT system controls the LUNWorks application.

■ Pre-installation Checklist

The following are pre-installation checks to help ensure a smooth installation:

1. Does the computer meet the operating system requirements?
2. Are the correct HBAs installed?
3. Is the computer attached to the storage area network?
4. Is the LAN running and configured so it supports the IP addressing scheme?
5. Is LUNWorks installed and configured on at least one Windows NT node (preferably a Windows NT primary domain controller) on the network?

6. Is LUNWorks licensed for Solaris nodes?
 - Run LUNWorks on a Windows NT node to check your licensing information.
 - See the *LUNWorks Installation and User's Manual* for more information about licensing.
7. Is the Fibre Channel network hardware (such as the hubs and switches) powered on?
8. Are the network optical and copper Fibre Channel cables properly connected to the HBAs, hubs, switches, and storage disk array enclosures?

Before Beginning the Installation

Have the following items available before beginning the installation:

- LUNWorks Solaris installation CD-ROM
- *LUNWorks for Solaris Installation Manual*
- Solaris Read Me First file
- *LUNWorks Installation and User's Manual*
- LUNWorks Read Me First file

■ Configuring LUNWorks

Refer to the *Installation and User's Manual* to continue with the configuration.

Tip: To streamline the configuration process, StorageTek recommends installing the software on all nodes before configuring LUNWorks.

The configuration process includes the following steps:

1. Creating the database.
2. Choosing administration groups.
3. Entering installation keys.
4. Installing operational keys.
5. Registering the SAN.

StorageTek recommends registering your SAN during the initial installation and configuration. However, you may register your SAN at any time before your installation keys expire.

Note: If you do not register your SAN, your installation keys will expire, leaving your SAN non-operational.

■ Installing LUNWorks on Solaris

Note: Remember to start Solaris 7 nodes in 32-bit mode only.

To install LUNWorks on Solaris operating systems:

1. Log in as a superuser.
2. Insert the LUNWorks installation CD in the CD drive.
3. Change the directory to the CD drive, where *x* is the drive number:

cd /cdrom/cdrom*x*

4. Type: **./install**

A message similar to the following is displayed:

```
Please make your install selection:
  1) Lunworks with JNI Driver
  2) Lunworks with Qlogic Driver

Select an Option: x

Processing package instance ...
Lunworks install set

Installing part 1 of 1
...
Installation of TRSANDoc was successful

Do you want to continue with the installation [y, n,?] y

Installing part 1 of 1
...
Installation of TRSANfcd was successful
```

6. Select the option depending on the type of HBA installed, JNI or QLogic.

Note: If you have previously installed LUNWorks, you may receive this message during the installation, reply **yes**:

Do you want to install these conflicting files [y, n, ?, q] **y**

7. Enter **y** when asked “Do you want to continue with the installation.”

The install script automatically installs LUNWorks and the HBA drivers.

The installation is now complete.

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