

SMCC Release Notes

Supplement Solaris™ 2.6

*Includes Additional Release Notes and
End-of-Support Statements for Korean, Simplified
Chinese, and Traditional Chinese Localizations of
Solaris 2.6 Running on Sun Hardware Products*



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Adobe PostScript

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Late Breaking News

This manual provides the following information:

- Late breaking news (this chapter)
- End-of-support statements (chapter 2)
- Open Issues (chapter 3)

This manual supplements the *SMCC Hardware Platform Guide Solaris 2.6* and the *Solaris 2.6 Installation Notes*. These manuals are provided as hardcopy documents with the Solaris™ 2.6 software media.

The Solaris 2.6 software environment is delivered on the following CDs:

- *Solaris 2.6 Software CD* (called the *Solaris CD* throughout this manual)
- *Software Supplement for the Solaris 2.6 Operating Environment for Sun Microsystems Computer Company CD* (called the *SMCC Supplement CD* throughout this manual)
- *Solaris Documentation CD*
- *Solaris Server Intranet Extension 1.0 CD*
- *Netscape Navigator CD*

Open Issues Available on the Web

An online Web page is available that provides additional support for issues that may arrive late and cannot be printed in this release's documentation. To access this Web page, enter the following URL in your Web browser:

`http://sunsolve.sun.com`

If you do not have access to the Web or require further information, contact your authorized Sun support provider.

PostScript Files Available on SMCC Supplement CD

Some documentation provided in printed form in your Solaris kit is also available as PostScript files on the SMCC Supplement CD in the following directory:

```
/cdrom/supp_sol_2_6_smcc/Docs
```

The following documentation is provided as PostScript files:

- “Supported Hardware” module from the *Information Library*
- “Vendor Value-Added Software” module from the *Information Library*
- *SMCC Hardware Platform Guide Solaris 2.6*

The `Docs` directory contains the English PostScript files as well as directories for files for the following European locales: `de`, `es`, `fr`, `it`, `sv`.

Note – The instructions for accessing these PostScript files published in the *Information Library* are incorrect. Do not use the `pkgadd` command to install or access the files in the `Docs` directory.

docs.sun.com Web Site

The `docs.sun.com`SM web site allows you to access Sun's technical documentation archive online. As of the Solaris 2.6 release, `docs.sun` provides all 2.6 documentation, as well as a large collection of older documentation: software and hardware. This collection will continue to expand to include non-English documentation. At the `docs.sun.com` web site, you can use Sun's online AnswerBook2 search capabilities to find documentation and view the book's complete text.

To visit our docs.sun.com site, enter the following URL in your Web browser:

```
http://docs.sun.com
```

Netscape Navigator — Available on CD

This Solaris 2.6 product includes a Netscape Navigator CD. All installation instructions are located in this directory on the CD:

```
/cdrom/netscape/Netscape_Navigator/common/Docs
```

Start by reading the `readme.txt` file in this directory.

Note – The installation instructions in the `Install_Navigator.ps` file are incorrect for installing localized versions of the software. You must install the English language package too, not only the locale package as documented.

Ultra Systems — Serial Port Support

SBus Systems

Ultra systems conform to the following standards for serial port operation:

- ANSI/EIA/TIA STANDARD 232-E-1991
- ANSI/EIA/TIA STANDARD 423-A-1978

All standard asynchronous data rates are supported up to 76.8-KBytes/second (with the exception of 57.6-Kbytes/second) for cable lengths up to 50 feet. See listed standards for other restrictions.

All standard synchronous data rates are supported up to 64-Kbytes/second for cable lengths up to 50 feet. See listed standards for other restrictions.

PCI Systems

PCI systems conform to specific standards for serial port operation.

All standard asynchronous data rates are supported up to 460.8-Kbytes/second. See listed standards for other restrictions.

All standard synchronous data rates are supported up to 384-Kbytes/second with external clocks (using a synchronous modem), and supported up to 256-Kbytes/second when used in loopback mode (using a null-modem cable). See listed standards for other restrictions.

Power Management — Invoking Screen Saver

Using the Common Desktop Environment (CDE)

If you are using CDE, your monitor is power managed if the screen saver is enabled and the screen pattern is set to Blank Screen only. Also, if the Screen Lock is enabled (with Screen Saver and Blank Screen pattern only), monitors are power managed.

Using OpenWindows

If you are running OpenWindows, your monitor is power managed if the screen saver is enabled. In any other case the monitors are not power managed.

Note – The screen setting in the `power.conf(4)` file affects display power management only when the X server (window system) is not running.

Fortran Compiler — Large File Support

The v4.2 (or earlier) of FORTRAN77 and v1.2 (or earlier) of Fortran 90 do not support large files. That is, you cannot access files greater than 4-Gbytes using these versions of the Fortran compiler. Support for Large Files is introduced in Solaris 2.6.

If you need this support from Fortran, you would need to sign up to the Early Access Program for the next release of the compilers.

Information about the Early Access Program can be found in:

```
http://www.sun.com/workshop
```

Information about Large File support in Fortran can be found in:

```
http://www.sun.com/workshop/performance/largefiles.html
```

Solaris Web Start — Some Software Products Not Handled

For this release of Solaris 2.6, the following software products are NOT automatically installed with Solaris Web Start:

- Open GL (on the *SMCC Supplement CD*)

To manually install the Open GL software, refer to the *Vendor Value-Added Software* module in the *Information Library* documentation found in your Solaris media kit.
- Netscape Navigator 3.03 (on the *Netscape Navigator CD*)

To manually install Netscape Navigator 3.03, refer to the `readme.txt` file on the Netscape CD.
- PCNFSd (package `SUNWpnfd` on the *Solaris Server Intranet Extension 1.0 CD*)

To manually install the `SUNWpnfd` software package, refer to the *Solaris Intranet Server 1.0 Installation and Release Notes*.

End-of-Support Products

This chapter contains a list of the end-of-support products for Solaris 2.6 and forthcoming Solaris releases.

Current End-of-Support Products

The following hardware and software products are discontinued for the first time in this Solaris 2.6 release. For information about previous or future End-of-Support products, refer to the *Solaris 2.6 Release Notes* or the Section , “Future End-of-Support Products” in this document. For more information, contact your authorized Sun support provider.

SPARCserver 600 Series

SMCC is no longer supporting the SPARCsystem 630MP, SPARCsystem 670MP, and SPARCserver 690MP in this Solaris 2.6 release.

Note – All hardware options and supported configurations that are dependent upon the SPARCsystem 600 Series architecture are no longer supported in this Solaris 2.6 release.

All references to the SPARCsystem 600 Series in the *SMCC Hardware Platform Guide* will be omitted in this Solaris 2.6 release.

Direct Xlib

Direct Xlib™ is obsolete and is not included in this Solaris 2.6 release.

Use the Sun Shared Memory Transport Extension (SUN_SME) with Standard Xlib for comparable Xlib performance (refer to the `Xsun` manual page for details). SUN_SME does not use Direct Graphics Access (DGA); therefore, it does not generate the overhead and limitations as compared to using Direct Xlib. SUN_SME is supported on all SMCC platforms.

SPARCstorage Array — `ssacli(1M)` Command Obsolete

The `ssacli(1M)` command is obsolete and is not included in this release of Solaris 2.6.

Use the `ssaadm(1M)` command for SPARCstorage™ Array administrative management. For more information on using `ssaadm(1M)`, see *Platform Notes: Using the Standard SPARCstorage Array Software* manual in the *Solaris 2.6 on Sun Hardware AnswerBook* set.

NeWSprint and NeWSprint-Based Printers

NeWSprint™ software is not supported in this release of Solaris 2.6. With the exception of Japan and Korea, NeWSprint entered End-of-Life in June 1995. Japan and Korea have temporarily continued shipping NeWSprint because of special circumstances.

NeWSprint was used to adapt third-party printers to the Sun environment and to support printers sold by Sun. Sun printers that used NeWSprint include:

- SPARCprinter™
- SPARCprinter II
- NeWSprinter™ 20
- NeWSprinter CL+

You cannot install these printers on systems that run the Solaris 2.6 operating system.

SX Compute Acceleration in XIL

Support for SX compute acceleration in XIL™ is being discontinued and is not included in this release of Solaris 2.6. All existing XIL programs will continue to work and will invoke the new XIL 1.3 memory code instead of XIL- and SX-specific functions.

Note – XIL 1.3 supports SX systems running Solaris 2.6 and will continue to operate on systems running Solaris 2.5.1 and XIL 1.2; however, XIL 1.2 is not available for Solaris 2.6.

SBus Expansion Subsystem (SES/C - X1072A)

The SBus Expansion Subsystem (SES/C) is not supported in this release of Solaris 2.6.

All references to the SBus Expansion Subsystem in the *SMCC Hardware Platform Guide* should be omitted in this release of Solaris 2.6.

Future End-of-Support Products

The following products will be discontinued in releases greater than Solaris 2.6. For more information, contact your authorized Sun support provider.

Graphics Devices — Discontinued Frame Buffers

The following frame buffers will no longer be supported in releases greater than Solaris 2.6.

- MG1 (bwtwo)
- MG2 (bwtwo)
- CG2 (cgtwo)
- CG4 (cgfour)
- TC (cgeight)
- ZX (leo)
- TZX (leo)

All references to the MG1, MG2, CG2, CG4, TC, ZX, and TZX frame buffers in the *SMCC Hardware Platform Guide* will be omitted in releases greater than Solaris 2.6.

Network Devices — BEC Device and be Driver

The BEC device and be driver will no longer be supported in releases greater than Solaris 2.6.

Open Issues

This chapter contains a list of the open issues for Solaris 2.6.

`dtmail` — Portion of Messages Following LATIN-1 Characters not Displayed in Some Locales (4073017)

The `dtmail` program for some locales will not display the remainder of a message following any LATIN-1 character in that message. There is no warning that the message is being truncated.

This problem occurs when LATIN-1 characters appear in either mail messages or attachments for the Japanese, Simplified Chinese, and Traditional Chinese locales. There also is a problem for the Korean locale when LATIN-1 characters appear in mail messages, but not in attachments.

Workaround: Use the Open Windows `mailtool` rather than `dtmail` to avoid having messages truncated following LATIN-1 characters.

`dtmail` — Multi-Byte Characters in a Message Can Cause Mail Program to Die (4071959)

The `dtmail` program for the Japanese, Korean, Simplified Chinese, and Traditional Chinese locales dies when it sends a message containing frequent alternations of short strings of multi-byte and single-byte characters.

Workaround: Use the Open Windows `mailtool` or the `mailx` program rather than `dtmail`.

Prestoserve 2.4.2 — Patch Required

The Prestoserve™ 2.4.2 release will not function properly with the Solaris 2.6 software environment if the workaround below is not implemented. Below is a partial list of some of the SMCC platforms and hardware options that may be affected:

- Ultra™ 1 Creator Model 170E
- Ultra 1 Creator3D Model 170E
- Ultra Enterprise™ 1 Model 170E
- SunSwift™ SBus Adapter Card

If you installed Prestoserve 2.4.2 and are using a platform or hardware option listed above, you must do the following steps to provide compatibility:

1. **Edit the `/etc/system` file and add the following information:**

```
set fas:fas_enable_sbus64 = 0
```

2. **Reboot your system.**



Caution – Failure to reboot your system can corrupt data.

A Prestoserve patch (#103043-06) that automatically adds the above information to the `/etc/system` file is available. If you prefer to make this change using the Prestoserve patch, contact your authorized Sun support provider. If you edit the `/etc/system` file as described above, you do not need the Prestoserve patch.

Adobe Photoshop 3.0.1 — Motif Patch

This patch (#103461-01) corrects Adobe Photoshop problems, such as menu items being grayed out in a menu list that has a toggle button in it and system crashes caused by the toggle button in Motif not using the correct graphics context for switching. To obtain this patch, contact your authorized Sun support provider.

Netscape Navigator 3.03 — Installation Instructions Incorrect for Localized Versions

The online instructions in the `Install_Navigator.ps` file contained in the Netscape Navigator CD contain incorrect information about installing a localized version of Netscape from a local and remote CD-ROM drive. If you install the software, you must install the English package too, not only the locale package as documented.

Workaround: Perform the step below instead of the final step documented in the sections “To Install from a Local CD-ROM Drive” and “To Install from a Remote CD-ROM Drive.”

- **Install Netscape Navigator by typing:**

```
# pkgadd -d 'pwd'
```

A list of available packages will appear. You must select the English package in addition to the locale you want to install.

Netscape Navigator 3.03 — Crashes with Web Pages using LiveConnect

The Netscape Navigator 3.03 browser, supplied with Solaris 2.6 on the Netscape Navigator CD, will crash and core dump when reading certain types of web pages that use LiveConnect technology to enable a Java applet to call JavaScript™ to select an element within an HTML form.

Workaround: Restart Netscape Navigator 3.03 and remove the core dump.

Booting From Partitions Greater Than 2-GBytes (1234177)

Due to PROM limitations, all `sun4c`, `sun4d`, and `sun4m` architectures will not boot from partitions greater than 2-GBytes. These systems will fail with the following message:

```
bootblk: can't find the boot program
```

Note – All sun4u architectures support booting from larger partitions.

One related bug (4023466) reports a problem with `re-preinstall` where the boot image for large disks creates root partitions greater than 2-GBytes. System Administrators are cautioned not to use `re-preinstall` on sun4c, sun4d, and sun4m systems with large root disks (4-GBytes and greater).

SPARC PCI Systems — panic: BAD TRAP During Boot (4065612)

Some SPARC PCI system configurations may panic while booting because of a problem with the `g1m(7D)` SCSI host adapter driver.

Workaround: Contact your authorized Sun support provider regarding the availability of a patch.

SPARC PCI Systems — Panic on SPARCstorage Multipack Units (4061277)

A compatibility issue exists between the embedded or expansion PCI SCSI host bus adapters (HBA) and use of newer SPARCstorage MultiPack (SMP) units that may contain UltraSCSI (Fast-20) capable drives. The HBAs available on SPARC PCI systems default to use UltraSCSI operation when UltraSCSI devices are present, which is not supported by the MultiPack (either 6- or 12- drive version). Attempting to use such a configuration can lead to reduced SCSI bus performance and potential system panic.

Workaround: Prior to using this configuration, disable the UltraSCSI mode for each controller instance to which a SMP is attached. Refer to `pci(4)`, `g1m(7D)` and `isp(7D)` for details.

Important: An alternate workaround method involving a global SCSI option change through `/etc/system` would result in loss of UltraSCSI mode on internal system disk backplanes.

Note – This issue does not exist with SPARCstorage MultiPack 2 systems, which are UltraSCSI capable.

Graphics — X Server Crash While Running PEX Applications on PGX (103566-18)

Applications using PHIGS, XGL, or PEX may cause the window system to crash on systems configured with a PGX graphics frame buffer. This is caused by bugs in the PEX library and is not specific to the PGX graphics frame buffer.

Workaround: Install patch 103566-18 and set the `XGLNOPEX` environment variable before executing PHIGS, PEX, or XGL applications. To set the `XGLNOPEX` environment variable, do the following:

```
% setenv XGLNOPEX TRUE
```

You can obtain this patch (including installation information) on the SunSolve Web page at: <http://sunsolve.sun.com> or contact your authorized Sun support provider for details.

Graphics — PEX Does Not Operate Correctly on PGX (4007975)

Some 3-D applications may experience problems when run on a PGX framebuffer. Problems may range from incorrect rendering to window system crashes.

Workaround: Set the environment variable `XGLNOPEX` before executing any 3-D application.

```
% setenv XGLNOPEX
```

Note – It is not necessary to assign a value to this environment variable.

Graphics — Threads Created by the `leo` driver Do Not Adhere to `cpr` Callback Protocol (4052466)

Systems with the ZX graphics device (`/dev/fbs/leoX`) cannot be suspended. The device cannot be idled successfully, and therefore prevents the Power Management software from suspending the system.

Graphics — Screen Can Fail to Return From Screensaver Mode (4062599)

Some systems with a CG6 framebuffer can fail to return from screensaver mode, leaving the screen blank and apparently unresponsive to typing and mouse movements.

You can determine whether or not you have a model CG6 framebuffer by typing:

```
# /usr/sbin/prtconf | grep cg
```

Workaround: If this bug occurs, `rlogin` to the failing system and shut down your system to save your files. A reboot is required to make the screen operational. However, it is recommended that you perform a controlled reboot rather than pressing `L1-A`.

If you have a CG6 framebuffer and want to prevent this bug from re-occurring, choose any screen pattern other than blank screen for lockscreen.

SunVideo — Documentation Errata

The *SunVideo User's Guide* is inaccurate due to changes in the path locations for some of the SunVideo packages in this Solaris release. If you are using SunVideo, take note of the new path locations for these packages.

- Page 9
 - Change `/opt/SUNWits/Graphics-sw/xil/man` to `/opt/SUNWrtvc/man`
- Page 10
 - Change `/opt/SUNWits/Graphics-sw/xil` and `/etc/opt/SUNWrtvc` to `/opt/SUNWrtvc`

- Change `/opt/SUNWits/Graphics-sw/xil/man/man3`
to `/opt/SUNWrtvc/man/man3`
- Page 14
 - Change `/etc/opt/SUNWrtvc/bin/rtvc-verify`
to `/opt/SUNWrtv/bin/rtvc-verify`
 - Change `/opt/SUNWits/Graphics-sw/xil/examples/test`
to `/opt/SUNWrtvc/examples/test`
- Page 19
 - Change `/opt/SUNWits/Graphics-sw/xil/examples/test/SunVideo`
to `/opt/SUNWrtvc/examples/test/SunVideo`
- Page 33
 - Change `/opt/SUNWits/Graphics-sw/xil/examples/rtvcdisplay`
to `/opt/SUNWrtvc/examples/rtvcdisplay`

ISDN and ATM — Power Management Not Supported (4046689)

ISDN and ATM do not currently support the Power Management suspend and resume features. This is a known problem and is currently under investigation.

Solstice SyMON 1.4 — Config Reader Does Not Handle Device Multipathing (4009934)

You can connect a Sun RSM Array 2000 (or SPARCstorage Array series device) to your machine through two ports. By connecting the device through two ports, the logical view creates two branches in the device tree for the same device. This may give the impression that there are two different devices connected to your machine. To verify that only one device is connected to your machine, refer to the workaround below.

Workaround: Every device has a unique name. If the device name is the same for each branch of the device tree, then only one device is connected to your machine.

Solaris 2.6 Server Upgrade — sun4m Clients May Fail to Boot (1248447)

After upgrading the server software from Solaris 2.4 to Solaris 2.6, sun4m diskless clients may fail to boot. If you have the `FSUNpdir` package installed, the sun4m client will display the following message:

```
WARNING: Cannot load drv/rootnex
Can't load the root filesystem
```

Note – The workaround below may be completed before or after the server is upgraded; however, if you perform the workaround after the upgrade it must be done on the server.

Workaround: Edit the `/etc/system` file in each sun4m diskless client's root directory and remove the following line:

```
moddir: /platform/PFU,S-4_Leia/kernel /kernel /usr/kernel
```

The entry above is only needed for PFU S-4 Leia systems and may be safely removed on all other systems even if they continue to run Solaris 2.4. For more information, contact your authorized Sun support provider.

SPARCcenter 2000 — Spurious ISP Timeout Errors (1220275)

Under heavy I/O load or heavy swapping activity, the SPARCcenter™ 2000 system may experience spurious ISP timeout errors (see below).

```
"WARNING: /io-unit@f,e2200000/sbi@0,0/QLGC,isp@2,10000/sd@1,0 (sd98):
SCSI transport failed: reason 'timeout': retrying command"
```

Workaround: Increase the I/O time to 120 seconds (as compared to the default time of 60 seconds). Add the following entry to your `/etc/system` file, then reboot your system.

```
set sd:sd_io_time = 120
```


SPARCcenter 2000 — Does Not Boot Through SunSwift Card (4064212)

Booting Solaris 2.6 on a SPARCcenter 2000 through a 100BASE-T SunSwift card causes an NFS read time out, multiple Rx FIFO Overflow messages, and causes the system to hang.

Workaround: Edit `nvr` to force a 64-byte burst size on the SunSwift card:

1. Run the `show-nets` command to get the SunSwift card path name.

```
ok show-nets
```

The path name should end in:

```
...sbi@x,y/SUNW,hme@0,8c00000
```

2. Edit the `nvr`:

```
ok nvedit
  0: probe-all install-console banner
  1: cd <device-name-of-colossus-found-in-step-1>
  2: 1 constant burst-32
  3: 2 constant burst-64
  4: ' decode-burst-size >body e ta+ token@ value j1
  5: ' burst-32 j1 ['] decode-burst-size (patch
  6: ' burst-64 j1 ['] decode-burst-size (patch
  7: device-end
```

3. Exit `nvedit` by pressing **Control-c**.

4. Save your edits.

```
ok nvstore
```

5. Enable the `nvr` script.

```
ok setenv use-nvrarc? true
```

6. Include the name field for the SunSwift card.

```
ok setenv fcode-debug? true
```

7. Back up to the top level directory.

```
ok cd /
```

8. Reset the system.

```
ok reset
```

The Sun banner displays.

9. Boot the system.

```
ok boot <device-name-of-SunSwift card-found-in-step-1>
```

Networking — External Third Party MII Networking Devices May Not Operate Correctly (4062714)

Lantronix and Allied Telesyn MII 100BaseFX transceivers do not work on SunFastEthernet 2.0 adapters or the onboard MII interface. This is caused by bugs in the hme driver and is not specific to HME networking devices.

Workaround: There is no known workaround at this time. The problem is under investigation and will be resolved in a future patch.

Veritas Software — vxinstall Error With Volume Manager (4055822)

After running `vxinstall` to bring the disks under control of `vxvm`, rebooting the machine without the `-r` option causes some of the drives to switch to the opposite controller, which produces a “no such device” error message with volume manager.

Note – If root is mirrored, there is currently no workaround for this problem. Contact your authorized Sun support provider for more details. If root is NOT mirrored, refer to the workaround below.

Workaround: After setting up the LUNs in the Sun RSM Array 2000, do the following:

1. **Add the following entry in `/etc/raid/rmparams` to fix this configuration:**

```
#Rdac_noReconfig
```

2. **Stop `vxconfigd`.**
3. **Add the following lines after `egettxt` in the `S85vxvm-startup2` file:**

```
vxctl stop  
vxconfigd -r reset -m boot
```

4. **Start `vxconfigd`.**

Sun MediaCenter One Issues

The following issues apply to the Sun MediaCenter One product.

Documentation Errata — Sun MediaCenter One Software Guide

- On page 1-8 of the *Sun MediaCenter One Software Guide*, the statement that the Sun MediaCenter One software includes a video server MIB is incorrect. The Sun MediaCenter Classic software includes an SNMP MIB; the Sun MediaCenter One software does not.

- The example commands on page 2-8 of the *Software Guide* are in error. The `SMChotjava` script does not accept any command line arguments. The `SMCplayer` script accepts arguments with syntax different from that shown on page 2-8. The example should read:

```
% /opt/SUNWsmsjc/bin/SMCplayer -host smc_server -title spartacus
```

Note the server name `smc_server` is an example.

Troubleshooting Sun MediaCenter Java Client Software

For troubleshooting problems with the Sun MediaCenter Java client software, add the following items:

- If the client applet is not loading, set your `CLASSPATH` to `/usr/java` before invoking one of the client scripts (such as `SMCplayer`).
- On occasion, `mpx`, the process for `MpegExpert`, dies, causing the video to go blank on your display. If this occurs, click on the stop button, then click on start. This action restarts `mpx`.

If you experience poor video and/or audio quality, you may not have sufficient, uninterrupted bandwidth between your machine and the video server. Also, one or more routers between your machine and the video server can introduce latencies that disrupt video quality. Ideally, you are on the same subnet as the server. Also, for video delivery, switched Ethernet is far superior to shared. In some networks, obtaining satisfactory video quality over a shared Ethernet, especially if there are intervening routers, is nearly impossible.

Sun MediaCenter Java Client — Prevents Suspension When Playing Video

The Solaris Power Management feature does not suspend operation because of inactivity on a machine on which the Sun MediaCenter Java Client is playing a video. If the Java client is not playing a video, it has no effect on the Power Management feature.

SunVTS 2.1 Issues

The following issues apply to the SunVTS 2.1 product.

Solstice DiskSuite or Disk Management Software Users

Caution – SunVTS™ may alter the file systems of Solstice DiskSuite or Disk Management software; this can lead to data corruption in some cases.

Workaround: Solstice DiskSuite or Disk Management software users should set the system environment variable `BYPASS_FS_PROBE` to 1 before running SunVTS.

```
# BYPASS_FS_PROBE=1; export BYPASS_FS_PROBE
# ./sunvts
```

During its initialization, SunVTS will attempt to mount all disks in the system. Because some components of SDS metadisks and other Disk Management volumes or plexes will appear to be file systems, they would be mounted at this time. Setting the environment variable as described above avoids this, and prevents SunVTS from altering the file systems.

disktest Option Format has Changed

The `disktest` option format has changed from `disktest.xxxx` to `disktest_xxxx` and tests may fail with the following error if the change is not noted:

```
SUNWvts.disktest.8088 02/14/97 14:24:01 disktest.1 c0t0d0
FATAL: "Couldn't get file system information on /
disktest.c0t0d0s0, errno=2"
```

Workaround: Save a new option file with the correct `disktest` option format naming convention.

`vtstui.ol` Causes System Core Dump (4051010)

The `vtstui.ol` user interface gets stuck in a loop while trying to quit and eventually overflows the stack resulting in a system core dump.

Workaround: Use the `vtstui` (CDE) or `vtstty` (vt100) user interface as a temporary workaround. Contact your authorized Sun support provider for available patch information.

System Core Dump if SunVTS Kernel is Terminated Prematurely (4063453)

The SunVTS 2.1 CDE user interface may cause a system core dump if the connection to the SunVTS kernel is terminated prematurely.

Workaround: Restart SunVTS.

`enatest` FATAL: Could Not Communicate With the Enclosure (4065417)

When the SunVTS `enatest` is run concurrently with the `socaltest`, the `enatest` may fail.

Workaround: Do not select `socaltest` when `enatest` is selected and vice-versa.

`socaltest` FATAL: Failed `ioctl` FCIO_DIAG_XRAM (4065420)

When the SunVTS `socaltest` is run concurrently with the `enatest`, the `socaltest` may fail.

Workaround: Do not select `enatest` when `socaltest` is selected and vice-versa.