



SunVTS™ 6.3 Patch Set 2 Release Notes

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Contents

| | |
|---|----------|
| 1. SunVTS 6.3 Patch Set 2 Release Notes | 1 |
| Displaying SunVTS Package and Version Information | 2 |
| Open Issues | 2 |
| Issues for Both x86 and SPARC Platforms | 2 |
| CR 654719 Documentation Correction | 2 |
| CR 6521703 Using Delimiters | 3 |
| CR 6559584 SIGSEGV Segment Violation Error | 3 |

SunVTS 6.3 Patch Set 2 Release Notes

This document is a supplement to the SunVTS 6.3 Release Notes and contains information specific to SunVTS 6.3 Patch Set 2.

The SunVTS™ 6.3 Patch Set 2 (PS2) software is designed for the Solaris™ 10 6/06 Operating System (OS) and is compatible with the Solaris 10 3/05 or later OS.

Note – All new features, tests, and test enhancements that are released in SunVTS 6.3 are documented in the *SunVTS 6.3 Test Reference* manuals, and *SunVTS 6.3 User's Guide*. These documents are available at:

<http://www.sun.com/documentation>

For the latest version of this document (820-2144), go to:

<http://www.sun.com/documentation>

SunVTS 6.3 Patch Set 2 is required to support the `nxge` driver. You can find the latest updates for the `nxge` driver software by selecting Networking at this web site:

<http://www.sun.com/download>

The SunVTS 6.3 Patch Set 2 supports the PCI Express Low-Profile Quad Gigabit Ethernet MMF driver version 1.98. Download patches from the following site:

<http://sunsolve.sun.com>

You can find the latest Sun x8 Express Quad Gigabit Ethernet UTP Low Profile adapter documentation by selecting Network and Security Hardware at this web site:

<http://www.sun.com/documentation>

Displaying SunVTS Package and Version Information

Use the following command to display SunVTS package information:

```
# pkginfo -c SUNWvts SUNWvtsr SUNWvtsts SUNWvtsmn
```

You can also use either of the following commands to display additional SunVTS package information:

- # pkginfo | grep vts
- # showrev -p | grep vts

Use either of the following commands to display SunVTS version information:

- # sunvts -v
- # cat /opt/SUNWvts/bin/.version

Open Issues

Issues for Both x86 and SPARC Platforms

CR 654719 Documentation Correction

The test appendix of the *Sun x8 Express Quad Gigabit Ethernet UTP Low Profile Adapter User's Guide*, part number 820-0115-10, needs to reflect that only SunVTS 6.3 patch set 2 (or later) supports the nxge driver.

Closed: Page 52 of the *Sun x8 Express Quad Gigabit Ethernet UTP Low Profile Adapter User's Guide* has been updated to change "Use SunVTS 6.3 or later..." to "Use SunVTS 6.3 Patch Set 2 or later..." in the 820-0115-11 issue of this manual.

CR 6521703 Using Delimiters

SunVTS internally uses the following characters specifically as delimiters: comma(,), colon(:) and tilde(~). Do not use these delimiters in any test probe routines (for example: in device specific names). Doing so leads to the SunVTS user interface: the “check box” of the browser interface Group column does not show it being checked. Example of an unacceptable device name: SCSI card “disk,c0t0d0”.

Workaround: Select the test after expanding the Group column.

CR 6559584 SIGSEGV Segment Violation Error

On x64 systems, `systest` may get an SEGV error on receiving signal 2. This error might also be reproduced when you issue `vtscmd stop` during `systest` execution. This error displays the following message:

```
VTSID 6015 systest.ERROR system: "Test Failed due to SIGSEGV
segment violation error." Probable_Cause(s): <Faulty CPU(s).>
Recommended_Action(s): <Retry test. If the problem persists,
contact your Sun Service provider.>
```

Note – This error does not necessarily indicate a hardware fault, but possibly a bug in the Solaris library.

Workaround: SunVTS 6.3 patch set 2 does not fix this error. To reduce the chances of this error occurring, however, install the following Solaris patches:

Solaris 9 Sparc-S2: 117560-06
Solaris 9 Intel-S2: 117559-06
Solaris 10 Sparc-S2: 120753-05
Solaris 10 Intel-S2: 120754-05

