



SunVTS™ 6.4 Patch Set 5 Release Notes

Sun Microsystems, Inc.
www.sun.com

Part No. 820-6682-10
November 2008, Revision A

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SunVTS 6.4 Patch Set 5 Release Notes

The SunVTS™ 6.4 Patch Set 5 (PS5) software is designed for the Solaris™ 10 08/07 Operating System (OS) and is compatible with the Solaris 10 3/05 or later OS.

Topics include:

- [“SunVTS Support for the Solaris OS on x86-Based Systems” on page 2](#)
- [“Open Issues” on page 4](#)
- [“Feedback and Support” on page 5](#)

Note – All new features, tests, and test enhancements that are released in SunVTS 6.4 are documented in the *SunVTS 6.4 Test Reference* manuals, and *SunVTS 6.4 Software User’s Guide*. These documents are also available at: <http://docs.sun.com>

For the latest version of this document (820-6682), and other SunVTS documentation, go to: <http://docs.sun.com/app/docs/prod/test.validate>

SunVTS Support for the Solaris OS on x86-Based Systems

Note – In this document these x86 related terms mean the following:
“x86” refers to the larger family of 64-bit and 32-bit x86 compatible products.
“x64” points out specific 64-bit information about AMD64 or EM64T systems.

Starting with the Solaris 10 OS, the SunVTS infrastructure and core diagnostics are available for x86 platforms. Starting with Solaris 10 3/05 HW1, SunVTS diagnostics for x86 platforms are supported in the AMD 64-bit environment for the SunVTS kernel (`vtstk`). All diagnostics are ported to 64-bit.

SunVTS 6.4 Patch Set 4 supports all Sun manufactured x86/x64 systems. Non-Sun systems are not supported.

Note – If you perform SunVTS on an unsupported platform, a warning message appears and SunVTS stops.

You must install the x86 version of the SunVTS packages to perform SunVTS on x86 platforms. The software packages use the same names as in the SPARC® environment. The SunVTS packages delivered separately for both x86 and SPARC Solaris platforms are as follows:

- `SUNWvts` – Contains the SunVTS core framework that includes the kernel and user interface.
- `SUNWvtsmn` – Contains the SunVTS online manual pages
- `SUNWvtstr` – Contains the SunVTS framework configuration files in the root partition (superuser).
- `SUNWvtsts` – Contains the SunVTS test binaries.

The SunVTS components available for x86 Solaris platforms are as follows.

Infrastructure:

- `sunvts`
- `vtstk`
- `vts_cmd`
- `vtstty`
- `vt sui`
- `vtsprobe`

SunVTS tests:

- BMC Environment Test (`bmcenvironment`)
- CD DVD Test (`cddvdtest`)
- CPU Test (`cputest`)
- Cryptographics Test (`cryptotest`)
- Disk and Diskette Drives Test (`disktest`)
- Data Translation Look-aside Buffer (`dtlbtest`)
- Emulex HBA Test (`emlxtest`)
- Floating Point Unit Test (`fputest`)
- InfiniBand Host Channel Adapter (`ibhcatest`)
- Level 1 Data Cache Test (`l1dcachetest`)
- Level 2 SRAM Test (`l2sramtest`)
- Ethernet Loopback Test (`netlbttest`)
- Network Hardware Test (`nettest`)
- Physical Memory Test (`pmemtest`)
- Qlogic Host Bus Adapter Test (`qlctest`)
- RAM test (`ramtest`)
- Serial Port Test (`serialtest`)
- System Test (`systemtest`)
- Tape Drive Test (`tapetest`)
- Universal Serial Board Test (`usbtest`)
- Virtual Memory Test (`vmemtest`)

Displaying SunVTS Package and Version Information

Use the following command to display SunVTS package information:

```
# pkginfo -l 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

For more information on issues listed in this section, contact Support Services.

Possible Installation Issue: Install and Uninstall Using the Same Program

Use the same tool or utility for installation and removal of the SunVTS software. If you use `pkgadd` for installation, use `pkgrm` to uninstall; if you use Web Start for installation, use the Product Registry to uninstall.

Possible Runtime Issues for Both x86 and SPARC Platforms

CR 6490977: SUNWcakrnt2000 package should only be installed on a Netra T2000

Only install the SUNWcakrnt2000 package on a Netra T2000 system.

Workaround: Do the following to remove this package on other systems:

```
# pkgrm SUNWcakrnt2000
```

Feedback and Support

You can request Sun support and provide feedback to Sun at the following email address:

ndps-feedback@sun.com

