SunVTS™ 7.0 Patch Set 4 Release Notes

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www.sun.com

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SunVTS 7.0 Patch Set 4 Release Notes

The SunVTS™ 7.0 Patch Set 4 software is designed for the Solaris™ 10 10/08 or later operating system (OS).

Topics include:

- "SunVTS Support for the Solaris OS on x86-Based Systems" on page 2
- "Test Mode Default Values" on page 3
- "Software Notes" on page 4
- "Feedback and Support" on page 4

Note – All tests released in SunVTS 7.0 are documented in the *SunVTS 7.0 Software User's Guide*.

For the latest version of this document (820-6370) 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.

SunVTS 7.0 Patch Set 4 supports all Sun manufactured x86/x64 systems. Non-Sun systems are not supported.

Note – If you run SunVTS on unsupported platforms, a warning message will be displayed stating that the platform is not supported. Nevertheless, testing would be allowed to move forward.

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
- `SUNWvtsr` – Contains the SunVTS framework configuration files in the root partition (superuser).
- `SUNWvtss` – Contains SunVTS server and browser user interface (BUI).
- `SUNWvtsts` – Contains the SunVTS test binaries.

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

Infrastructure:

- `startsunvts`
- `vtsk`
- `vts_cmd`
- `vtstty`
- `vtsui`
- `vtsprobe`

There are two bootable versions of SunVTS on x86 available for download. One contains SunVTS with all user interfaces, including the Browser User Interface (BUI) and the other (which does not include the BUI) instead relies on `vtstty` for user interface.

Test Mode Default Values

Starting with SunVTS 7.0 Patch Set 4, the default value for Test Time, Test Pass and Scheduling Policy for all three test modes has been changed. Test options are selected from the Test Options Screen of the SunVTS 7.0 browser user interface (BUI) (see the *SunVTS 7.0 Software User's Guide*, Chapter 3, "Using the SunVTS Browser User Interface"). The following default values are:

- Online Stress
  - Default policy: Test Pass
  - Default value: 1
- System Exerciser
  - Default policy: Test Time
  - Default value: 4 hours or 240 minutes
- Component Stress
  - Default policy: Test Pass
  - Default value: 5

▼ To Change the Scheduling Policy Default Test Time

1. **Select options for each Test and modify the Scheduling Policy Test Time option.**

   (See Table 3-14, Test Options Screen, Chapter 3, "Using the SunVTS Browser User Interface" of the *SunVTS 7.0 Software User's Guide).*

2. **Select the time in minutes that you wish to be the default.**

   Scheduling Policy Test Time (min) *test time field*

   In the *test time field,* specify the number of desired default in minutes.

3. **Once the options for all Tests are modified, start the tests.**

Software Notes

Install and Uninstall Using the Same Program

Use `pkgadd` for installation and `pkgrm` to uninstall.

Open Issues

CR 6694279: `e1000g` Driver: Internal Loopback Mode Support Needed for nic ESB-2 (Intel® 82564EBt, Intel® 82563EB)

When a user runs Bootable CD on Sun Fire x4150/x4250 and Sun Fire x4450 systems, the Network Test appears disabled by default. If the user enables the Network Test and starts testing, they might notice a test failure since the `e1000g` driver does not provide internal loopback mode support.

CR 6764833: `aioread`, `pread64` Calls Fails With 128 Kbyte Block Size on 32-bit x86 Systems

`aioread` and `pread64` calls fail with 128 Kbyte block size on 32-bit x86 systems.

Workaround: Do not run `disktest` in Exerciser mode (SL-4) at default settings.

Feedback and Support

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

ndps-feedback@sun.com