



SunVTS™ 7.0 Patch Set 5 Release Notes

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SunVTS 7.0 Patch Set 5 Release Notes

The SunVTS 7.0 Patch Set 5 release notes contain late-breaking information that became known after the software was released.

The SunVTS™ 7.0 Patch Set 5 software is designed for the Solaris™ 10 05/08 or later operating system (OS).

All tests released in SunVTS 7.0 are documented in the *SunVTS 7.0 Software User's Guide, 820-0012*.

For the latest version of these documents, go to:

<http://docs.sun.com/app/docs/prod/test.validate>

Open Issues

Missing Sun Java Web Console Packages for OpenSolaris on SPARC and x86 Platforms

The Sun Java Web Console packages are no longer included in the OpenSolaris OS releases. The SunVTS Browser User Interface requires those packages to run.

Workaround: To enable the BUI, you need to download and install additional packages on your system. [CR 6846418]

▼ Download Instructions

1. **Download the Sun Java Web Console 3.0.2 packages from:**

<http://www.sun.com/download/products.xml?id=46cb72a9>

Select the Solaris 10 packages for your platform (x86 or SPARC) and download them.

2. **Copy the file** `webconsole3.0.2-solsparc.tar.gz` (or `webconsole3.0.2-solx86.tar.gz` for x86 systems) **and place it in your testing system at a local directory, for example** `/usr/osol`.

```
# cd /usr/osol
# gunzip webconsole3.0.2-solsparc.tar.gz
# chmod 755 webconsole3.0.2-solsparc.tar
# cat webconsole3.02-solsparc.tar |tar xvf -
```

3. **Use** `pkgadd` **to add the following packages to your system:**

```
# cd SunOS-5.11-sparc
# pkgadd -d . SUNWmconr SUNWmcos SUNWmcosx SUNWjato SUNWmcon
SUNWmctag
```

4. **Verify that your system has the following packages installed:**

`SUNWj6cfg`, `SUNWj6dev`, `SUNWj6dmo`, `SUNWj6man`, `SUNWj6rt`, `SUNWjhrt`

5. **If necessary, install the above packages from this website:**

<http://pkg.opensolaris.org/dev>

CR 6822402: My ID Timeout Failure During Processor Tests

During SunVTS system exerciser mode testing, the processor tests may fail and display the following error message:

```
P3 diag/sunvts_tests Processor.mptest.cons16.ERROR MP system:
"my id timeout" failure.
```

▼ Workaround

None at this time.

Possible Runtime Issues for Both x86 and SPARC Platforms

The `SUNWcacrnt2000` package should only be installed on a Netra T2000 system. If you installed this package on any other systems, you should remove it. [6490977]

Workaround: Remove this package from all other systems with this command:

```
# pkgrm SUNWcacrnt2000
```

CR 6809057: Device Selection Property Not Working on Some x86 Systems

You can select or deselect any target devices for `cxtxdpx(disktest)` or `cxtxdx(disktest)`. However, the target device selection property for the device `cxtxdpx(disktest)` is not working properly.

After you deselect the target device of the name form "`cxtxdpx(disktest)`", SunVTS still runs on these deselected devices.

▼ Workaround

None.

CR 6803360: `iobustest` Should Bring Back the Network Port to a Normal State in Clean-up Routine

When `iobustest` running network loopback subtest is interrupted by SIGINT, immediate next run of standalone `netlbttest` fails. Upon receiving SIGINT, `iobustest` doesn't bring back the network port to normal state causing the test to fail.

▼ Workaround

Ignore the "`netlb`" subtest in `iobustest` using the option:
"`ignsubtest=netlbttest`"

Do not run standalone `netlbtst` if `iobustest` is interrupted by SIGINT.

CR 6805472 Memory LT Does Not Get Any Passes if Running System Exerciser Test With the Default Settings

This issue may be seen on x86 systems with more than 32 Gb of memory.

▼ Workaround

If you run the command line interface, use `chunksizeinpercent=0.02` or some similar small value.

SunVTS Support for the Solaris OS on x86-Based Systems

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 5 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). The other version does not include the BUI. Instead, this version relies on `vtstty` for the user interface.

Installation Notes

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

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 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 Test Time (min) *test time field*

Policy

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.**

Documentation

For the latest versions of all SunVTS documents, go to:

<http://docs.sun.com/app/docs/prod/test.validate>

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