

# Oracle VTS 7.0 Patch Set 17 Software

## Release Notes



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# Oracle VTS 7.0 Patch Set 17 Software Release Notes

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These sections describe new features and issues related to Oracle VTS 7.0, Patch Set 17 software:

- [“Late-Breaking Information” on page 1](#)
- [“Known Issues in PS17 Release \(August 2013\)” on page 3](#)
- [“Documentation, Feedback and Support” on page 4](#)

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## Late-Breaking Information

### Patch Set 17 Changes

The following changes were made to the harness and CPU diagnostics:

- The VTS logs has been enhanced with the capability to capture the pass level and task level timings along with the task id for logical tests.
- The method to register test probe from VTS infrastructure has been changed to parallel registration with each test probe handled as a separate process.
- The formula used by VTS to decide whether a system is low config, has been tuned.
- Integer unit stress has been increased in `iutest` with newer bzip and crypto stress algorithms.
- `vmemtest` has been added with more debug information when it detects SDC.

The following changes were made to the input/output diagnostics:

- Multi failure criterion has been introduced in the disk performance feature of the `diskmediatest`, and a new subtest `async_rwnb` is added.
- Repeat test options has been disabled from Disk LT for SSD and HDDs to avoid any additional wear caused on the disks due to VTS testing, especially for Exadata systems.
- Config file support has been added to the `diskmediatest` to specify the SSD under testing as Read-Intensive and Write-Intensive.
- `diskmediatest` has been updated to run `async read` only test by default.
- Seek Range option has been added to support random seek range option value in `diskmediatest`.

## Patch Set 17.1 Changes

The version string of the last VTS release VTS7.0ps17 is `7.0.17`, where:

- 7 = major
- 0 = minor
- 17 = micro

Going forward, shorter releases with fewer changes will be a micro update and longer releases with more features will be a minor update.

Since VTS7.0ps17.1 is a micro release, the version string would be: `7.17.1`.

## Documentation Changes

- Added a new section that explains the configuration parameters for the Host Bus Adapter test.
- New configuration parameters has been added to the Harness configuration file.

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**Note** – This is a summary of some changes to the *Oracle VTS 7.0 User Guide for Patch Set 8 and Subsequent Compatible Releases*. This is not a complete list of all changes.

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# Known Issues in PS17 Release (August 2013)

This section describes the known issues in Oracle VTS 7.0 PS15 released in August 2013.

## VTS `networktest` Back to Back Testing Fails (Bug 16925221)

This is an intermittent issue, and might occur while performing back to back loopback testing in `networktest`.

**Workaround:**

None.

## NetworkTest Registers Duplicate Port, if Ports are Part of VLAN (Bug 16598597)

When the ports are part of VLAN, then `networktest` tries to register them twice, due to which one instance of `networktest` fails.

**Workaround:**

Run `networktest` for VTS tty.

## VTS7.0ps16 Processor Test Fails (Bug 17054498)

The VTS7.0ps16 processor test fails and displays the following error message:

```
'vts_tlib_get_onln_cpus failed'
```

**Workaround:**

None.

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# Documentation, Feedback and Support

For the latest versions of all of Oracle VTS documents, go to:

<http://www.oracle.com/pls/topic/lookup?ctx=OracleVTS7.0>

These web sites provide additional resources:

- Documentation <http://www.oracle.com/technetwork/indexes/documentation/index.html>
- Support <https://support.oracle.com>
- Training <https://education.oracle.com>