Oracle VTS 7.0 Patch Set 17 Software

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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.

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.
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.
Documentation, Feedback and Support

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


These web sites provide additional resources:

- Support        https://support.oracle.com
- Training       https://education.oracle.com