Ce logiciel et la documentation qui l’accompagne sont protégés par les lois sur la propriété intellectuelle. Ils sont concédés sous licence et soumis à des restrictions d’utilisation et de divulgation. Sauf disposition de votre contrat de licence ou de la loi, vous ne pouvez pas copier, reproduire, traduire, diffuser, modifier, breveter, transmettre, distribuer, exposer, exécuter, publier ou afficher le logiciel, même partiellement, sous quelque forme et par quelque procédé que ce soit. Par ailleurs, il est interdit de procéder à toute ingénierie inverse du logiciel, de le désassembler ou de le décompiler, excepté à des fins d’interopérabilité avec des logiciels tiers ou tel que prescrit par la loi.

Les informations fournies dans ce document sont susceptibles de modification sans préavis. Par ailleurs, Oracle Corporation ne garantit pas qu’elles soient exemptes d’erreurs et vous invite, le cas échéant, à lui en faire part par écrit.

Si ce logiciel, ou la documentation qui l’accompagne, est concédé sous licence au Gouvernement des États-Unis, ou à toute entité qui délivre la licence de ce logiciel ou l’utilise pour le compte du Gouvernement des États-Unis, la notice suivante s’applique :

U.S. GOVERNMENT RIGHTS. Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, duplication, disclosure, modification, and adaptation shall be subject to the restrictions and license terms set forth in the applicable Government contract, and, to the extent applicable by the terms of the Government contract, the additional rights set forth in FAR 52.227-19, Commercial Computer Software License (December 2007). Oracle America, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

Ce logiciel ou matériel a été développé pour un usage général dans le cadre d’applications de gestion des informations. Ce logiciel ou matériel n’est pas conçu ni n’est destiné à être utilisé dans des applications à risque, notamment dans des applications pouvant causer des dommages corporels. Si vous utilisez ce logiciel ou matériel dans le cadre d’applications dangereuses, il est de votre responsabilité de prendre toutes les mesures de secours, de sauvegarde, de redondance et autres mesures nécessaires à son utilisation dans des conditions optimales de sécurité. Oracle Corporation et ses affiliés déclinent toute responsabilité quant aux dommages causés par l’utilisation de ce logiciel ou matériel pour ce type d’applications.

Oracle et Java sont des marques déposées d’Oracle Corporation et/ou de ses affiliés. Tout autre nom mentionné peut correspondre à des marques appartenant à d’autres propriétaires qu’Oracle.

AMD, Opteron, le logo AMD et le logo AMD Opteron sont des marques ou des marques déposées d’Advanced Micro Devices. Intel et Intel Xeon sont des marques ou des marques déposées d’Intel Corporation. Toutes les marques SPARC sont utilisées sous licence et sont des marques ou des marques déposées de SPARC International, Inc. UNIX est une marque déposée concédée sous licence par X/Open Company, Ltd.

Copyright © 2011, 2013 Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or reverse-composition of this software, unless required by law, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software or related software documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS. Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, duplication, disclosure, modification, and adaptation shall be subject to the restrictions and license terms set forth in the applicable Government contract, and, to the extent applicable by the terms of the Government contract, the additional rights set forth in FAR 52.227-19, Commercial Computer Software License (December 2007). Oracle USA, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, which may create a risk of personal injury. If you use this software or hardware in dangerous applications, you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure the safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Copyright © 2011, 2013 Oracle and/or its affiliates. All rights reserved.

This software or hardware and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.
These sections describe new features and issues related to Oracle VTS 7.0, Patch Set 16 software:

- “Late-Breaking Information” on page 1
- “Known Issues” on page 2
- “Documentation, Feedback and Support” on page 4

Late-Breaking Information

End of Feature (EOF) Planned for Future Releases of Oracle VTS

Starting VTS7.0ps17 release, audiotest will be EOL-ed and will not be shipped with VTS packages.

Patch Set 16 Changes

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

- Cryptotest has been enhanced with SPARC Stream Processing Unit (SPU) validation algorithms. It adds additional coverage to AES, SHA, MD, CRC, Kasumi and Camellia sub-blocks in SPU.
FPUtest has been updated with the workaround for the Studio compiler problem (bug: 15901750 - incorrect branch address generation with Studio SS12 compilers). Due to this compiler bug, fputest use to report false HW problem of miscompare errors with cbccopytest.

- Some more SPARC instruction validation has been added as part of iutest and fputest.
- Usage flag added to command line utility ‘vts_cmd’ to print the commands that are available for communicating with VTS and its basic use.
- Support added in VTS infrastructure to view the sunvts.event log from the GUI and VTSTTY.

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

- Disk LT tuned based on Best Practices document.
- Specialized SunVTS SSD profiles created which could maximize Reads or Writes.
- Networktest enhanced to improve probing logic on M4, IO size, testing ports in parallel to reduce test time.
- Networktest messages hardened.
- IO Interconnect LT forked off from Interconnect LT.
- Network LT modified so that networktest can test the ports in parallel in System Exerciser mode.

Documentation Changes

- A new log file to log VTS events is added into tty and GUI. The default path to this log file is /var/sunvts/logs/sunvts.
- New configuration parameter has been added to Harness configuration file.
- Interconnect test has been renamed as Io_Interconnect test.

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

This section describes the known issues.
**bmcenvironment Test Fails**

The BMC test may fail on Oracle Solaris 10 Update 9 release, or on earlier versions of Oracle Solaris OS.

**Workaround:**

Update to Oracle Solaris 10 Update 10 release, or above versions of Oracle Solaris OS.

**Incorrect Packet Drop Count in networktest (Bug 16441406)**

The message displayed by networktest shows an incorrect value for the number of packets dropped. For example, if 10 packets are dropped, the message shows one less than the actual number of packets dropped.

**Workaround:**

None.

**With VTS 7.0 PS16 BootCD: networktest fails in SL-4**

While running Oracle VTS through the PS16 boot CD, the networktest fails in SL-4 with the following error message.

```
VTSID 8015 Network.networktest.FATAL Network: "Port net3 is plumbed up, not supported by networktest."
VTSID 6427 vtsk.ERROR : Network.networktest.0 [net1](pid=7407)
 exited with exit code: 1
```

**Workaround:**

Before running Oracle VTS through the boot image, run the following command:

```
netadm enable -p ncp DefaultFixed
```
Documentation, Feedback and Support

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


These web sites provide additional resources:

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