Oracle® Database

Release Notes

11*g* Release 2 (11.2) for HP OpenVMS Itanium

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July 2015

This document contains important information that was not included in the platform-specific or product-specific documentation for Oracle Database 11*g* Release 2 (11.2.0.4).

This document may be updated after it is released. You can check for updates to this document and view other Oracle documentation at

http://docs.oracle.com/en/database/database.html

These *Release Notes* are part of the following documentation set for the Oracle Database 11*g* Release 2 (11.2) for HP OpenVMS Itanium:

- *Oracle Database Installation Guide for HP OpenVMS Itanium*

- *Oracle Database Administrator's Reference for HP OpenVMS Itanium*

This document contains the following topics:

- Certification Information

- New Features

- Products and Features Not Available in the Current Release

- Unsupported Initialization Parameters

- Latest Upgrade Information

- Installation and Configuration

- Known Issues

- Documentation Accessibility

1 Certification Information

The latest certification information for Oracle Database 11*g* Release 2 (11.2) is available on My Oracle Support at

https://support.oracle.com

> **See Also:**   Document ID 377470.1 to view the certification matrix for HP OpenVMS Itanium

2 New Features

For a complete list of new features, see *Oracle Database New Features Guide*.

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3 Products and Features Not Available in the Current Release

The following products are not available at the time of this release:

- Oracle Real Application Clusters and Oracle Clusterware

- Agent control utility (`agtctl`)

- Apache modules `mod-JServ`, `mod-perl`, and `mod-ssl`

- Automatic Storage Management

  Oracle Database HP OpenVMS 11*g* Release 2 (11.2) supports only the file system as a storage option for both Oracle Database files and as well as Oracle Database recovery files.

- Connection Manager

- Cursor size utility (`cursize`)

- Database file size utility (`dbfsize`)

- Enterprise JavaBeans (EJB)

  This release does not support Enterprise JavaBeans on the server.

- File Map Utility (`fmputl`)

- File Map Utility Helper (`fmputlhp`)

- `genksms` utility

- Hewlett-Packard Fortran Compiler (F90)

  The Hewlett-Packard Fortran compiler (formerly the DIGITAL Fortran 90) is not supported.

  To check which FORTRAN compiler is on your system, run the following command:

  ```
  $ HELP FORTRAN
  ```

  If the following message is displayed:

  ```
  "Invokes the Hewlett-Packard Fortran (formerly the DIGITAL Fortran 90)
  compiler."
  ```

  then the FORTRAN command should be qualified with `/OLD_F77`, as follows:

  ```
  $ FORT/OLD_F77 foo.FOR
  ```

- HS Distributed External Procedure agent (`hsdepxa`)

- `hsodbc` agent

- HS OTS agent (`hsots`)

- INSO filters for Oracle Text

- Oracle Files and Oracle Ultra Search

  Oracle Files and Oracle Ultra Search are not supported due to the lack of third-party software called INSO filter.

- JAccelerator

- Java API for ODM

The Java API for Oracle Data Mining is currently not supported on HP OpenVMS. However, the PL/SQL Data Mining interface is supported.

- KGMGR utility (`kgmgr`)

- KGPMON utility (`kgpmon`)

- Max memory test utility (`maxmem`)

- Non-uniform memory access (NUMA)

- Oracle Configuration Manager (OCM)

- OCI Instant Client (`ez-install`)

- Oracle Database Upgrade Assistant

- Oracle Enterprise Manager Database Control

> **Note:** You can access Oracle Enterprise Manager from an Oracle Client installation on Windows.

- Optimal Flexible Architecture (OFA)

- Oracle Application Express

- Oracle HTTP Server

  This release does not support Oracle HTTP Server, although the Companion CD offers an installation option for Apache Server.

- Oracle Notification Server (ONS)

- Oracle OLAP

- Oracle OPatch

- Oracle Personalization

- Oracle Policy Manager

- Oracle Real Application Clusters Guard

- Oracle Real Application Clusters Management Pack

- Oracle Warehouse Builder (OWM)

- osh utility (`osh`)

- OSM Discovery utility (`kfod`)

- PL/SQL NCOMP

- PSP Loader utility (`loadpsp`)

- Raw Devices

- SBTTEST utility (`sttest`)

- Server Management

- SGA Dump utility (`dumpsga`)

- SGA Lock/Unlock utility (`oradism`)

- SGA Map utility (`mapsga`)

- Shared memory test utility (`tstshm`)

- SQL*Module for Ada
- SNMP
- Summary Management
- Support for audit information to files
- Support for the `ORAMBX` utility
- System Resource Verifier utility (`sysresv`)
- TDS compiler (`tdscomp`)
- Workspace Manager
- Oracle XA

  Oracle XA functionality is supported only within the Oracle Database acting in the role of Transaction Manager as well as Resource Manager.

  Oracle XA is the Oracle implementation of the X/Open Distributed Transaction Processing (DTP) XA interface. The XA standard specifies a bidirectional interface between resource managers (for example, Oracle) that provide access to shared resources within transactions, and between a transaction service that monitors and resolves transactions.

  Oracle Call Interface has XA functionality. When building a TP-monitor XA application, ensure that the TP-monitor libraries (that define the symbols `ax_reg` and `ax_unreg`) are placed in the link line before the Oracle client shared library. This link restriction is required only when using the XA dynamic registration (Oracle XA switch `xaoswd`).

  Oracle Database XA calls are defined in both the client shared library (`libclntsh.so`) and the client static library (`libclntst.olb`). These libraries are located in the `ORA_ROOT:[lib32]` directory.

- XDB
- XDK for C++
- XML SQL Utility

4 Unsupported Initialization Parameters

The following Oracle Database initialization parameter has been desupported at the time of the release:

- `MEMORY_TARGET`

5 Latest Upgrade Information

For latest information, best practices about preupgrade, postupgrade, compatibility, and interoperability discussions, see Note 785351.1 in the "Oracle 11*g*R2 Upgrade Companion page" link on My Oracle Support at

https://support.oracle.com

> **See Also:** "*Using Configuration Assistants as Standalone Tools*" section in *Oracle Database Administrator's Reference for HP OpenVMS Itanium* for information about HP OpenVMS tools for migrating databases

6 Installation and Configuration

This section covers the following topics:

- Installation Options

- Installing and Configuring a Database

6.1 Installation Options

Oracle Database HP OpenVMS 11*g* Release 2 (11.2) uses Oracle Universal Installer to install the product.

The following types of installation are available:

- Server: Enterprise Edition

- Server: Standard Edition

- Client Installation

> **Note:** All server installation includes the client installation.

6.2 Installing and Configuring a Database

During the installation of HP OpenVMS 11.2.0.4, Oracle Universal Installer only installs the software. It does not create a database. You must run Database Configuration Assistant (DBCA) separately to create a database. You can run DBCA from the same session as the `runInstaller.com` session. If you use a new process, execute the `@disk:[directory]orauser.com` script to setup the environment to support DBCA, and then run DBCA.

7 Known Issues

The following section contains information about issues related to Oracle Database 11*g* Release 2 (11.2) and associated products such as Oracle Database installation, configuration, and upgrade:

- Time Zone Patch:

  Patch 21177556 is available for base bug 20875898. It updates the time zone data for the release.

- RMAN incremental backups do not work properly when Change Tracking Files are enabled. Patch 21340762 is available on My Oracle Support at

  https://support.oracle.com

- Enhanced Oracle Database Performance:

  Install the Oracle image as an HP OpenVMS resident image to increase the performance of Oracle Database. To install the `ORACLE.EXE` image resident, see Document ID 282965.1 on My Oracle Support at

  https://support.oracle.com

8 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.