

# Oracle® Database

Release Notes

11g Release 2 (11.2) for HP OpenVMS Itanium

E56688-02

September 2017

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This document contains important information that was not included in the platform-specific or product-specific documentation for Oracle Database 11g 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 11g 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 Addendum](#)
- [Documentation Accessibility](#)

## 1 Certification Information

The latest certification information for Oracle Database 11g 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*.

### 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 11g 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 (`fmaputl`)
- File Map Utility Helper (`fmaputlhp`)
- `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 (`hsdexpa`)
- `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

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

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- 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 (OWB)
  - 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 (*oradis*)
  - 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.olib*). 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 document 785351.1, *Oracle 11gR2 Upgrade Companion* on the My Oracle Support website:

<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 11g 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

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

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### 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, then 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 11g Release 2 (11.2) and associated products such as Oracle Database installation, configuration, and upgrade:

- Time Zone Patch:  
Patch 24763928 is available for base bug 24701840. 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>

- OpenVMS Native Java 8:  
Oracle Database 11g Release 2 (11.2.0.4) is certified on Java 5 and Java 6. However, native OpenVMS Java 8 is not supported. This is because, OpenVMS Java 8

requires 64-bit client access and Oracle Database release 11.2.0.4 on OpenVMS supports only 32-bit clients.

Though the generic Oracle JDBC FAQ documentation mentions that Oracle Database release 11.2.0.4 supports Java 7 and Java 8, this is not true for native OpenVMS.

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**Note:** Java 7 was not available on OpenVMS.

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## 8 Documentation Addendum

The "New Oracle Home" section in the "Preinstallation Tasks" chapter of the Oracle Database Installation Guide for HP OpenVMS Itanium shows incorrect format for logical Oracle Home. The correct format is:

```
$ SHOW LOGICAL ORACLE_HOME
DISK#DISK1: [ORACLE11204]
```

The output must not include a trailing period.

## 9 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.

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