

# Oracle8

## Release Notes

Release 8.0.5.1 for Alpha OpenVMS

October, 1999

**Part No. A70026-01**

Oracle8 release 8.0.5.1 for Alpha OpenVMS succeeds Oracle8 release 8.0.5 (released in January 1999).

Unless noted otherwise, features and functionality described in this document are common to both Oracle8 and Oracle8 Enterprise Edition.

These release notes include updated information and known restrictions to Oracle8 release 8.0.5.1 for Alpha OpenVMS. The following topics are addressed:

- Enhancements to Oracle8
- Alpha OpenVMS Requirements
- Installing and Migrating Oracle Products
- Installing Online Documentation
- Products Not Included in this Release
- Products Available Only in the Oracle8 Enterprise Edition for Alpha OpenVMS
- Known Restrictions

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**Note:** For the latest information about Oracle8 release 8.0.5.1 for Alpha OpenVMS, see the README\*.DOC files in the Oracle product directories.

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Prior to installation you may want to extract the README\* files from the product save-sets distributed on the Product CD-ROM. For example, to extract the README\* files from the RDBMS.BCK save-set, do the following:

1. Mount the Product media.

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```
$ MOUNT/OVERRIDE=IDENTIFICATION <ddcn> :
```

where:

<ddcn> is a valid CD-ROM device.

## 2. Extract the README\* files

```
$ BACKUP/SELECT=README*.* -  
<ddcn>:[SERVER]RDBMS.BCK/SAV [<dir>]
```

where:

<dir> is a valid directory of your choice.

Repeat this procedure, substituting the appropriate save-set name, for any product README\* files that you would like to review before installing Oracle8.

## Enhancements to Oracle8

Please refer to Chapter 2 in the Getting to Know Oracle8 and the Oracle8 Enterprise Edition for information about improvements and new features available with Oracle8.

## Alpha OpenVMS Requirements

Alpha OpenVMS release 8.0.5.1 without the Parallel Server option requires Alpha OpenVMS 7.1 or 7.2. If you will be using the Parallel Server option then you must install Oracle8 under Alpha OpenVMS 7.2.

If you are using Pro\*C, DEC C release 5.7-006 is also required with all available ECOs from Compaq.

You need Java Run-time Environment version 1.1.6 to use JDBC drivers (DBJAVA).

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**CAUTION:** Carefully review "Installation Procedure Requirements" in Chapter 1 of the Oracle8 Installation Guide Release 8.0.5 for Alpha OpenVMS for information about required rights identifier and account privilege changes. Also, review the READMEVMS.DOC file found in the ORA\_RDBMS directory (or the RDBMS.BCK save-set) regarding important system configuration issues.

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## Disk Space Requirements for Oracle8 Enterprise Edition

The Oracle8 online documentation for Alpha OpenVMS requires approximately 2MB of disk space.

A client-only installation requires approximately 170 MB of disk space to accommodate NETCONFIG, UTIL, SQLPLUS, and all options for PROGINT.

A basic server installation requires approximately 440 MB of disk space to accommodate NETCONFIG, UTIL, SQLPLUS, RDBMS, SVRMGR, all options of PROGINT and a 60 MB database.

A full server installation requires approximately 580 MB of disk space to accommodate all products, all options, and a 60 MB database.

## Installing and Migrating Oracle Products

There are significant installation changes for release 8.0.5.1. Before starting your installation, review the Oracle8 Installation Guide Release 8.0.5 for Alpha OpenVMS.

You MUST install Alpha OpenVMS release 8.0.5.1 into a new Oracle directory tree.

You MUST ensure that no Oracle-associated logical names are defined in the LNM\$PROCESS or LNM\$JOB logical name tables. These include all ORA\* logicals plus TNS\_ADMIN.

You MUST relink any existing PRECOMPILED applications that you may have with the new 8.0.5.1 installation to utilize the new shared libraries.

## Installing Online Documentation

Beginning with Oracle7 release 7.3.2, online documents are distributed in HTML format and can be viewed using an HTML browser.

Oracle8 release 8.0.5.1 includes online documentation for the following OpenVMS-specific guides:

- *Oracle8 for Alpha OpenVMS Release Notes (this document)*
- *Oracle8 Installation Guide Release 8.0.5 for Alpha OpenVMS*
- *Oracle8 for OpenVMS Server and Tools Administrator's Guide*
- *SQL\*Net for OpenVMS Configuration and User's Guide*

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**Note:** The Getting Started with Oracle Online Documentation for OpenVMS manual that was distributed with previous releases is not applicable to this release. All information about installing and viewing online documentation for release 8.0.5.1 is contained in this document and in the Oracle8 Installation Guide Release 8.0.5 for Alpha OpenVMS.

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Online documentation installation and usage instructions are as follows:

1. Create a root level directory named ORACLEDOC. The documentation will need approximately 2MB of disk space.

```
$ CREATE/DIRECTORY/OWNER=[ORACLE8] -  
<disk_device>:[ORACLEDOC]/PROTECTION=WORLD:RE
```

where:

[ORACLE8] is the owner of the directory  
<disk\_device> is a valid disk device

2. Make ORACLEDOC your default directory.

```
$ SET DEFAULT <disk_device>:[ORACLEDOC]
```

3. Mount the Product media.

```
$ MOUNT/OVERRIDE=IDENTIFICATION <ddcn>:
```

where:

<ddcn> is a valid CD-ROM device.

4. Restore the ORACLEDOC.BCK save-set from the Product media ORACLEDOC directory.

```
$ BACKUP/LOG <ddcn>:[ORACLEDOC]ORACLEDOC.BCK/SAVE_SET -  
[*...]/NEW_VERSION/BY_OWNER=PARENT/PROTECTION=WORLD:RE
```

where:

<ddcn> is a valid CD-ROM device.

5. To view the Oracle documentation, invoke a local HTML browser and open the following URL:

```
FILE: /<disk_device>/ORACLEDOC/PRODUCTS.HIM
```

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**Note:** The online documentation may be incorporated into a web server providing that the ORACLEDOC directory hierarchy is maintained. This is necessary to preserve the relative hypertext document links.

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## Products Not Included in this Release

Release 8.0.5.1 for Alpha OpenVMS does not include the following products:

- Data Gatherer Cartridge
- Oracle Security Server
- Oracle On-Line Text Viewer
- Oracle LU6.2 Protocol Adapter
- Oracle Net8 Assistant
- Oracle DCE Protocol Adapter
- Connection Manager

## Products Available Only in the Oracle8 Enterprise Edition for Alpha OpenVMS

- Data Partitioning Option (DPOPT)
- Heterogeneous Option (HOOPT)
- Object Option (OBJOPT)
- Image Cartridge (ORDIMG)
- Time Series Cartridge (ORDTS)
- Virage Cartridge (ORDVIR)
- Parallel Server Option (PSOPT)
- Spatial Data Option (SDOPT)

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**Note:** The Oracle8 Installation Guide Release 8.0.5 for Alpha OpenVMS incorrectly states that the Advanced Replication (AROPT) and Parallel Query (PQOPT) options are distributed only with the Oracle8 Enterprise Edition. These options are included in all releases of Oracle8 for Alpha OpenVMS.

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## Known Restrictions

This section lists information about known restrictions with Oracle8 release 8.0.5.1. As always, please refer to the README files in the Oracle product directories for the most up-to-date information including possible additions to this list.

- To have multiple client installations on a single system, you **MUST** configure RDBMS via oracleins.com before building your installation even though you didn't load the RDBMS save-set. You **MUST** replace the line "V805" with a unique system identifier that has a maximum of six alphanumeric characters. This procedure allows all client installations to use shared libraries.
- For issues regarding memory not being reserved at boot time as specified within the Reserved Memory Registry, refer to the ORA\_RDBMS:READMEVMS.DOC.
- Oracle software is written for and certified with TCP/IP Services for OpenVMS from Compaq. Other TCP/IP software for OpenVMS which employs UCX emulation should work with Oracle software. You should be aware that any TCP/IP related problems that cannot be duplicated with TCP/IP Services for OpenVMS will be referred to the TCP/IP vendor for resolution.
- The XA interface routines are available on the OpenVMS implementation of Oracle RDBMS release 8.0.5.1 and have had limited testing.
- Server products that were distributed with the Oracle7 Server must not be linked against Oracle8 or Oracle8 Enterprise Edition.
- The PL/SQL stored package UTL\_HTTP makes HTTP (hyper-text transfer protocol) callouts from PL/SQL and SQL. The full use of the package is documented in the Oracle8 Application Developer's Guide. To use the UTL\_HTTP package through a proxy server, you must first define a group or system wide logical, http\_proxy, to point to your proxy server.

For example, to define a group level logical:

```
$ define/group http_proxy www-proxy.your-site
```

or a system level logical:

```
$ define/system http_proxy www-proxy.your-site
```