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## **Announcing the General Availability of Oracle Rdb Product Family Production Release 7.2 for HP OpenVMS Itanium®-based Integrity Servers and AlphaServer Systems**

Oracle is pleased to announce the production release of version 7.2 of the Oracle Rdb product family. All product family components are available for download from [Oracle Edelivery](#), [OTN](#) and [MetaLink](#). Now you can have the rock-solid availability, performance, disaster tolerance, security, and scalability for which Oracle Rdb is well known on your choice of Itanium®-based HP Integrity servers or AlphaServer hardware. Nearly all Oracle Rdb-based applications running on HP OpenVMS AlphaServer systems today need only to be recompiled, linked and tested to run on Integrity servers.

Oracle Rdb release 7.2 is supported on the full range of OpenVMS certified Itanium-based Integrity server configurations from a single-processor Integrity rx1620 Server to a 16-processor Superdome. You can deploy on standalone or clustered Itanium-based servers or add Itanium-based database servers to your existing OpenVMS cluster of AlphaServer systems.

Oracle Rdb release 7.2 allows direct database access from multiple nodes in mixed-architecture clusters. Simultaneous access to the same database from Integrity servers and AlphaServer systems within a cluster allows you to port your existing applications on your own schedule rather than forcing an "all-or-nothing" migration. These options give you maximum protection for production environments and permit you to migrate to lower cost commodity hardware when it makes sense for your business.

As well as mixed-architecture cluster access, Oracle Rdb continues to offer remote database access. Existing applications connected via a network can access Oracle Rdb release 7.2 databases located on either AlphaServer or Integrity server systems. For most applications, this can be done with a simple logical name change and no application rebuilds. You can continue to run many applications unchanged while you take advantage of performance improvements and reduced cost-of-ownership available with new Itanium-based servers.

In addition to HP OpenVMS Integrity server support, Oracle Rdb release 7.2 provides a number of new features and performance enhancements, including:

- Increased maximum number of database global buffers to reduce the I/O requirement of your workload
- Increased maximum database page and buffer size limits to retrieve and store more information with a single I/O
- Additional statistics screens and larger counter sizes to make monitoring your database even easier
- Streamlined internal instruction sequences for more efficient CPU use
- Improved caching of database AIP entry information for reduced I/O
- Index node pre-fetch performance optimizations to reduce I/O stall time
- Transaction rollback performance optimizations to reduce rollback time
- Encrypted database and after-image journal backups for protection of confidential data
- Query Optimizer enhancements for more efficient query execution strategies

With this release, all the components and features of Oracle Rdb are available for production use on both Integrity server and AlphaServer platforms. These components and features include:

- SQL interactive and dynamic interfaces
- SQL module language and precompilers
- RDO, RDBPRE and RDML precompilers
- Local and global buffering and row caches
- Data protection and transaction integrity using before-image and after-image journaling

- Two-phase commit transactions supporting transactions that span multiple databases
- Remote database access via TCP/IP and DECnet
- Data replication using Oracle Rdb Hot Standby, Oracle Rdb LogMiner and Replication Option for Rdb
- All Oracle RMU management tools for backing up, verifying, restoring and monitoring your database
- Oracle Trace for Rdb
- SQL/Services including support for Oracle Call Interface (OCI)
- Oracle Rdb JDBC Drivers

Also, Oracle Rdb releases for AlphaServer systems continue to be available in two options: a generic kit that runs on any AlphaServer processor, and a platform-targeted performance kit that runs on AlphaServer EV56 and later processors.

Oracle Rdb release 7.2 requires OpenVMS Alpha version 8.2 or later or HP OpenVMS Industry Standard 64 for Integrity Servers version 8.2-1 or later.

The Oracle Rdb product family includes Oracle Rdb Enterprise Edition, Oracle CODASYL DBMS, Oracle CDD/Repository, Oracle SQL/Services, OCI Services for Oracle Rdb, Oracle Trace for Rdb, Replication Option for Rdb, and Oracle Rdb JDBC Drivers.