
Course Title: Or451 – Oracle8i New Features for Application Developers

Results: This course will introduce developers already familiar with Oracle7 to the changes and enhancements available in Oracle Corporation's latest release - Oracle8i. Enhancements to the relational side of Oracle8 such as partitioning, materialized views, and new types of indexes will be discussed. Also, object oriented technology will be introduced as well as the new features of the database that support object orientation. Note: This course contains the new features of both 8.0 and 8i and is intended for those migrating from Oracle7.

**Course
Description:**

- Partitioned tables
- Partitioned indexes
- Partitioning with the HASH and COMPOSITE method
- Large objects (LOBs)
- Using DBMS_LOB
- Parallel DML
- Increased limits
- Index-organized tables
- Overview of Advanced Queueing
- Reversed-key indexes
- Oracle8's ROWID
- Using DBMS_ROWID
- Dropping columns from a table
- Overview of External Procedures
- Enhancements to Constraints
- Enhancements to Profiles
- Password management
- Transportable tablespaces
- Locally managed tablespaces
- Using DBMS_TTS
- Read-only tablespaces
- Using LogMiner
- Using DBMS_REPAIR
- Implementing invoker's rights
- Implementing autonomous transactions
- Use of native dynamic SQL in PL/SQL
- PL/SQL Bulk Binds
- Use of multiple buffer pools of SGA
- Stored outlines
- Materialized views
- Managing summaries
- Using CUBE and ROLLUP functions
- Query re-writes
- Function-based indexes
- Descending Indexes
- Temporary tables
- Fine-grained access control
- Java integration
- Overview of objects
- Object types
- Object tables
- References
- Defining methods
- Map methods
- Order methods
- User-Defined methods
- Collection types
- VARRAYs
- Nested tables
- Object views
- INSTEAD OF triggers
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Duration: 5 days

Prerequisites: Strong background in Oracle Database Administration or application development. Prior experience with an Oracle7 database.

**Primary
Participants:** DBAs and advanced application designers who need to have a more complete understanding of the new features.