

- COURSE CODE:** ORADB2
- COURSE TITLE:** Oracle vs. DB2 for LUW: Similarities & Differences
- CURRENCY:** Oracle 10g and 11g vs. DB2 for LUW V9.x
- AUDIENCE:** IT executives, DBAs, system administrators.
- PREREQUISITES:** Conversancy with relational technology on any platform.
- DURATION:** 1 day
- SUMMARY:** The aim of this presentation is to clarify the physical and logical structural differences and similarities as these relate to Oracle and DB2 for LUW.
- Additionally, the following are among other comparisons made:
- Hardware requirements
 - Software requirements
 - Price considerations
 - Security issues
 - Backup/recovery
 - Data warehousing
- OBJECTIVES:** Upon completion of this presentation, the participant should be conversant with Oracle vs. DB2 comparative differences and similarities.

1. TERMINOLOGY MAPPING

2. ORACLE vs. DB2 ARCHITECTURE

- Memory
- Process
- Files and directories
- Data Dictionary/catalog
- Communication
- Data replication
- Configuration parameters
- Logging

3. PARALLEL DATABASE

- Real Application Cluster (RAC)
- Database partitioning

4. ORACLE vs. DB2 HARDWARE REQUIREMENTS

- Processor speed
- Memory
- Hardware space

5. ORACLE vs. DB2 SOFTWARE REQUIREMENTS

- Windows-based
- AIX-based
- Etc.

6. ORACLE vs. DB2 PRICE COMPARISON

7. FEATURES

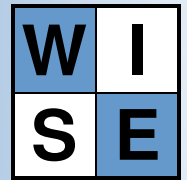
- ANSI SQL support
- Stored procedures support
- Large Object (LOB) support
- Index options
- Data types

8. LOCKING & CONCURRENCY

- Modes
- Scope
- Escalation
- Etc.

9. DATABASE MONITORING

- Event
- Snapshot



10. BACKUP & RECOVERY

- Concepts
- Data structures used
- Options
- Utilities

11. OPTIMIZER

- Concepts
- How SQL is passed
- Optimiser hints
- Design Advisors

12. TOOLS

- DBA and system administrators
- Application development
- Performance
- Explain

13. SCRIPTING LANGUAGE OPTIONS

14. SELF-TUNING (AUTONOMIC) FEATURES COMPARISONS

15. SECURITY & AUTHORISATION

16. BUSINESS INTELLIGENCE

- OLAP
- Data mining
- Data warehousing (including ETL)
- Tools