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ORACLE DBA CERTIFICATION TRAINING

◆ 1:1 Instructor-led Online Training ◆



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ORACLE DBA - COURSE DETAILS

Complete course on Oracle Database Administration (DBA).

1. Architecture

2. Instances

- Creating the OFA file structure (\$DBA, bdump, udump, pfile)

3. SQL*Plus

- Connectivity
- SQL*Plus DBA commands

4. Control Files

5. User and Security Management

6. Parameter Files

- Parameter files (tnsnames.ora, init.ora, listener.ora)



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- Rules for sizing SGA components
- Automated Oracle memory management (AMM)
- 7. Tablespace & Schema Management
- 8. Oracle*Net configuration
- 9. Data Buffer configuration & sizing
- 10. Shared pool and PGA configuration & Sizing
- 11. Oracle tables, views and materialized views
- 12. Indexes
 - Types of Oracle indexes (b-tree, bitmap, bitmap join index)
 - Creating B*-Tree, bitmap and function-based Indexes
- 13. Constraints
 - Costs & benefits of constraints
 - Types of Oracle indexes constraints (check, not null, unique, PK, FK)
 - Cascading constraints
- 14. Database Maintenance
- 15. Oracle DBA Utilities
 - Data pump (Imp and exp utilities)
 - SQL*Loader
 - LogMiner
 - Flashback
 - DataGuard
 - Oracle DBA utilities – Oracle dbms packages (dbms_redefinition)
 - Replication (Streams, multimaster, materialized views)
- 16. Monitoring
- 17. STATSPACK and AWR performance management
- 18. Performance Management & Tuning
- 19. Tracing
- 20. Oracle High Availability tools



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21. Backup & Recovery