

Indus Training.

Oracle 10G DBA - Training Course Curriculum

Duration: Four Weekends/ Sat & Sun: 9.00am – 1.00pm or 1.00pm – 5.00pm

Weekdays - Mon, Wed, Fri: 6.30pm – 9.30pm or Tue, Thu: 6.30pm – 9.30pm

ORACLE 10g DBA

Architecture & Configuration

- 1.1 Instance V/S Database
- 1.2 Components of an instance
- 1.3 SGA V/S PGA
- 1.4 Background processes

Installation & OFA

- 2.1 Linux Installation
- 2.2 Pre Installation checks
- 2.3 Oracle Software Installation
- 2.4 Creating Database using DBCA

SQL and UNIX for DBA management

- 3.1 Creating Database using script
- 3.2 Review SQL and UNIX concepts

Database startup and shutdown process

- 4.1 Storage Concepts
- 4.2 Database startup and shutdown process
- 4.3 Network components Listener, netca

Memory and Space Management

- 5.1 Parameter file V/S spfile
- 5.2 Automatic Memory Management
- 5.3 Space Management LMTS, ASSM
- 5.4 Control file, UNDO and REDO management

Oracle object management

- 6.1 Users, Roles and privileges
- 6.2 Tables, constraints, Indexes, views and Triggers
- 6.3 Oracle materialized views and Partitioned Tables

Oracle Utilities

- 7.1 Data pump (Imp and exp utilities)
- 7.2 SQL*Loader
- 7.3 Flashback
- 7.4 Data Guard concepts
- 7.5 Oracle DBA utilities – Oracle dbms packages

Database Monitoring and Performance tuning

- 8.1 Dictionary and v\$ views
- 8.2 Table & index monitoring
- 8.3 workload & trend monitoring
- 8.5 Instance monitoring
- 8.6 using AWR for monitoring

OS and SQL tuning methods

- 9.1 OS Monitoring
- 9.2 Performance Management ADDM
- 9.3 SQL tuning. Instance tuning

Backup and Recovery

- 10.1 OS-level backups, Hot VS. Cold backups
- 10.2 Hardware-level backup & recovery
- 10.3 Block-level change tracking
- 10.5 Backup & recovery using RMAN

Training Location: 1039 Sterling Road, Ste. 103, Herndon-VA-20170. USA.

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