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

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 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