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Overview of Oracle DBA

- ✓ Major tasks to be considered within this course are:
- ✓ Software installation and the creation of new databases.
- ✓ Management of database files.
- ✓ Specialized facilities intended to maximize performance of enterprise-scale transactional applications, such as the shared SQL and PL/SQL cache, the result cache, the database buffer cache.
- ✓ Management of security policies and procedures, including administration of user accounts, roles, privileges and profiles.
- ✓ Utilization of advanced self-tuning and self-management capabilities, including the use of Oracle-Managed Files, database Advisors and other components of the Management Framework.
- ✓ Performance monitoring, problem troubleshooting, and resolving lock and conflict issues.
- ✓ Using the Oracle Enterprise Manager and SQL interfaces for administration tasks.
- ✓ A primer on backup and recovery structures and strategies.
- ✓ Operating system-specific considerations for various platforms, especially Linux and MS Windows Server.

Oracle DBA Prerequisites

- ✓ Taking this course have familiar with system administration and administration of other non-Oracle databases, prerequisites for this course
- ✓ SQL FUNDAMENTALS

COURSE CONTENTS IN DETAIL

BASIC UNIX ADMINISTRATION

- ✓ Installation of Linux
- ✓ Basic Unix commands
- ✓ Shell Scripting

BASIC SQL PROGRAMMING

- ✓ DDL – Data definition Language
- ✓ DML – Data Manipulation Language



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- ✓ DQL – Data Query Language
- ✓ DCL – Data Control Language
- ✓ Functions

Oracle Core DBA – 10g/11g

- ✓ Architecture
- ✓ Installation
- ✓ Database Creation
- ✓ Tablespace Management
- ✓ Listeners, Tnsnames configuration
- ✓ User Schemas creation
- ✓ Users Security – Roles and Privileges
- ✓ Backup – Hot & Cold
- ✓ Recovery
- ✓ RMAN Backup and Recovery
- ✓ Clone a database
- ✓ Patching a database
- ✓ Upgrading a database
- ✓ Troubleshooting
- ✓ Performance Tuning

Oracle Certified Associate & Professional – 10g/11g – OCA & OCP

- ✓ We will guide you to pass the certification exam
- ✓ You will either write 10g or 11g OCA exam