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Corporate Trainer's Profile

Corporate Trainers are having the experience of 4 to 12 years in development , working with TOP CMM level 5 companies (Project Leader /Project Manager) qualified from NIT/IIT/IIM and work exp in USA and UK.



Projects

CMM (Capability Maturity Model) level Project Standard:-

The Capability Maturity Model (CMM) is a method for evaluating the maturity of organizations on a scale of 1 to 5. Get the Opportunities to work on Client Projects Of US/UK, which follow the all standard of CMM level 5 Company.



Oracle 11g New Features - OCP Upgrade Exam

This course gives you the opportunity to learn about and practice with the new change management features and other key enhancements in Oracle Database 11g Release 1 and Release 2. Topics covered include the benefits and use of the new features in managing change, diagnosing and recovering from problems, ensuring high availability, improving scalability and performance, strengthening security, and several other areas of particular interest to database administrators. In addition, hands-on practice sessions help reinforce understanding of the new capabilities.

Learn To:

- Implement manageability features to simplify database management
- Use change management features to master database changes
- Use database advisors to provide proactive database monitoring
- Increase data availability by using ASM, RMAN, and Flashback feature enhancements

Required Prerequisites:

Working knowledge of Oracle Database 10g

Duration:

40 hrs.

Trainer Profile

Oracle Certified & Experienced real time Professional working with leading MNC

Audience:

Those who are currently working on PL/SQL.
Those who wish to brush up their PL/SQL knowledge.
Freshers or Beginners with excellent learning capabilities

Pre-requisites:

Good working knowledge DB Administration
Attend Oracle 11g Admin I workshop

Course Topics:

- Oracle Grid Infrastructure
- Installing Oracle Grid Infrastructure for a Standalone Server
 - Creating an ASM Disk Group
 - ASM Cluster File System
 - ASM Dynamic Volume Manager
 - ASM File System Snapshot

Installation and Upgrade Enhancements

- Installing Oracle Database 11g Release 2
- Oracle Database Upgrade Enhancements
- Online Patching
- Upgrading Your Time Zone File and Timestamp with Time Zone Data

Oracle Restart

- Controlling Oracle Restart
- Using the srvctl Utility
- Manually Adding Components to the Oracle Restart Configuration

ASM Enhancements

- Setting up ASM fast mirror resync
- Using ASM Scalability and Performance Enhancements
- ASM Disk Group Compatibility
- Using ASMCMD Extensions
- ASM File Access Control
- ASM Optimal Disk Placement

Storage Enhancements

- Using 4 KB-Sector Disks
- Using Table Compression
- Hybrid Columnar Compression
- SQL Access Advisor
- Segment Creation on Demand

Data Warehouse and Partitioning Enhancements

- Preprocessing Data for ORACLE_LOADER Access Driver in External Tables
- Degree of Parallelism Enhancements
- In-Memory Parallel Query
- Partitioning Enhancements
- System-Managed Indexes for List Partitioning

Oracle SecureFiles

- Enabling SecureFiles Storage
- Creating SecureFiles
- Using SecureFile Compression
- Accessing SecureFiles Metadata
- Migrating to SecureFiles

Security and Networking Enhancements

- Secure Password Support
- Automatic Secure Configuration
- Managing Default Audits
- Setting Database Administrator Authentication
- Transparent Data Encryption
- Hardware Security Module
- Tablespace Master Key Re-Key
- Supporting IPv6 Address Notification

SQL Performance Analyzer

- SQL Performance Analyzer: Overview
- Using SQL Performance Analyzer
- Using Enterprise Manager to Access SQL Performance Analyzer
- SQL Performance Analyzer: PL/SQL Example
- SQL Performance Analyzer: Data Dictionary Views

SQL Plan Management

- SQL Plan Management: Overview
- Loading SQL Plan Baselines
- Using the MIGRATE_STORED_OUTLINE Functions
- Viewing Important Baseline SQL Plan Attributes
- Loading a SQL Plan Baseline Automatically
- Purging SQL Management Base Policy

Database Replay

- Using Database Replay
- Database Replay System Architecture
- Supported Workloads
- Database Replay Workflow in Enterprise Manager
- Database Replay PL/SQL Procedures
- Database Replay Data Dictionary Views

Automatic SQL Tuning

- Automatic SQL Tuning in Oracle Database 11g
- Selecting Potential SQL Statements for Tuning
- Controlling the Automatic SQL Tuning Task
- Configuring Automatic SQL Tuning
- Using the PL/SQL Interface to Generate Reports

Intelligent Infrastructure Enhancements

- Using New Automatic Workload Repository Views
- Creating AWR Baselines
- Defining Alert Thresholds Using Static Baseline
- Controlling Automatic Maintenance Tasks
- Fixed Policy CPU Resource Management
- Instance Caging
- Scheduler Enhancements

Diagnosability Enhancements

- Setting Up Automatic Diagnostic Repository
- ADRCI: The ADR Command-Line Tool
- Incident Packaging Service (IPS)
- Using the Enterprise Manager Support Workbench
- Invoking IPS Using ADRCI
- Running Health Checks Manually
- Using the SQL Repair Advisor
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SQL Monitoring

- SQL Monitoring in Oracle Database 11g Release 2
- Viewing Session Details
- Viewing the SQL Monitoring Report

Performance Enhancements

- Using the DBMS_ADDM Package
- New and Modified Views
- Enabling Automatic Memory Management
- Using New Statistic Preferences Features
- Locking Enhancements
- Adaptive Cursor Sharing
- Using Table Annotation to Control Result Caching

Application Maintenance and Upgrade Enhancements

- Online Redefinition Enhancements
- Creating and Using Invisible Indexes

Backup and Recovery Enhancements

- Using New SET NEWNAME Clauses
- Optimized Backups
- Using New Settings for Binary Compression
- Enhancements to Database Duplication
- Creating Archival Backups
- TSPITR Enhancements and Modifications
- Creating and Using Virtual Private Catalogs
- Introduction to Oracle Secure Backup Cloud Module

Flashback Technology, LogMiner, and Data Pump

- Oracle Total Recall
- Flashback Transaction Backout
- Enterprise Manager LogMiner Interface
- Data Pump Legacy Mode

Data Recovery Advisor

- Assessing Data Failures
- Data Recovery Advisor RMAN Command-Line Interface
- Data Recovery Advisor Views
- Setting Parameters to Detect Corruption

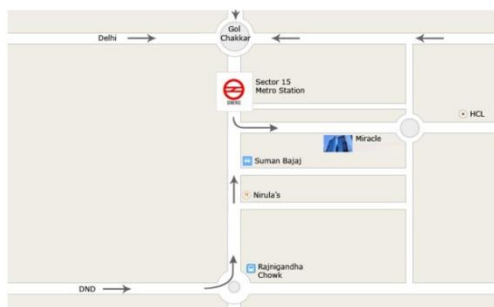
Features:-




- ✓ 1. Task-Oriented, Competency-Based Course Design
- ✓ 2. A Truly Hands On Learning Experience – At Least 50% Lab Time
- ✓ 3. Courseware Ownership & Control
- ✓ 4. Instructors With Extensive Experience of the corporate , having the Certifications.
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- ✓ 7. A Cost-Effective, Total Solution
- ✓ 8. Training will get the confirmation letter and Industrial Live Project (For pursuing students to submit the letter in college.)
- ✓ 9. FREE Assessment test for job eligibility.
- ✓ 10.Placement tie with the companies.

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