

Oracle Exadata Database Machine: Implementation and Administration Course

Course Duration: 40 Hrs.

Course code: D92698

Course Overview

The Oracle Exadata Database Machine: Implementation and Administration Course provides comprehensive training on deploying, configuring, and managing Oracle Exadata systems. It covers Exadata architecture, storage server administration, database optimization, and monitoring, helping learners acquire the skills needed to effectively implement and manage Oracle's engineered system for high-performance databases.

What you'll learn?

- Understand the architecture and key components of Oracle Exadata.
- Implement and configure Exadata Database Machine for enterprise workloads.
- Manage Exadata Storage Server and Database Server resources.
- Perform backup, recovery, and high-availability operations.
- Monitor performance, troubleshoot issues, and optimize Exadata environments.
- Apply security and maintenance best practices for Exadata systems.

Target Audience

- Database Administrators (DBAs)
- System Administrators
- Data Center Engineers

- IT Professionals managing Exadata infrastructure
- Oracle Database Professionals seeking specialization in engineered systems

Pre-Requisites

- Strong knowledge of Oracle Database 11/12c administration.
- Familiarity with Linux operating system fundamentals.
- Understanding database concepts such as RAC and ASM is beneficial.

Course Content

Module 1: Introduction to Oracle Exadata Database Machine Architecture

Module 2: Initial Configuration and Deployment of Exadata

Module 3: Administration of Database and Storage Servers

Module 4: Backup, Recovery, and High Availability Solutions

Module 5: Performance Monitoring, Diagnostics, and Tuning

Module 6: Security, Maintenance, and Lifecycle Management