Oracle Exadata Database Machine: One-Day Overview

Duration: 1 Day

What you will learn

This Oracle Exadata Database Machine: One-Day Overview training teaches you about the various Oracle Exadata Database Machine features and configurations, with emphasis on the unique capabilities delivered by Oracle Exadata Storage Server. Expert Oracle University instructors will deep dive into the installation and initial configuration process through interactive instruction.

Learn To:

Effectively monitor the Oracle Exadata Database Machine.

Maintain and optimize the Oracle Database Machine after initial configuration.

Look after Exadata Database Machine health.

Describe the key capabilities of the Exadata Database Machine.

Identify the benefits of using Exadata Database Machine for different application classes.

Describe various recommended approaches for migrating to Exadata Database Machine.

Benefits to You

By taking this course, you'll develop the knowledge and skills to make appropriate up-front configuration decisions. You'll learn about the monitoring infrastructure within Oracle Exadata Database Machine, along with the monitoring capabilities exposed through Oracle Enterprise Manager Cloud Control 12c.

Related Training

Suggested Prerequisites
A working knowledge of Unix/Linux along with an understand o

Prior knowledge and understanding of Oracle Database 11g Rel

Course Objectives

Describe the key capabilities of Exadata Database Machine

Identify the benefits of using Exadata Database Machine for different application classes

Monitor Exadata Database Machine health and optimize performance

Describe various recommended approaches for migrating to Exadata Database Machine

Course Topics

Introduction

Exadata Database Machine: Overview

Exadata Database Machine Architecture

Key Capabilities of Exadata Database Machine

Exadata Database Machine Initial Configuration

Exadata Storage Server Configuration

I/O Resource Management

Recommendations for Optimizing Database Performance

Using Smart Scan

Consolidation Options and Recommendations

Migrating Databases to Exadata Database Machine

Bulk Data Loading by Using Oracle DBFS

Exadata Database Machine Platform Monitoring: Introduction

Configuring Enterprise Manager Cloud Control 12c to Monitor Exadata Database Machine

Monitoring Exadata Storage Servers & Exadata Database Machine Database Servers

Monitoring the InfiniBand Network

Monitoring Other Exadata Database Machine Components

Other Useful Monitoring Tools

Backup and Recovery

Exadata Database Machine Maintenance Tasks

Patching Exadata Database Machine

Exadata Database Machine Automated Support Ecosystem