Oracle Exadata Mastery: Architecture and Administration

IT & IT Engineering
London (UK)
14 - 18 Jul 2025

UK Traininig
PARTNER

Oracle Exadata Mastery: Architecture and Administration

Ref: 321698_135964 **Date:** 14 - 18 Jul 2025 **Location:** London (UK) **Fees:** 4400 **Euro**

Course Description

This comprehensive 5-day Oracle Exadata training course provides in-depth knowledge and hands-on experience with Oracle Exadata Database Machine. Participants will learn about Exadata architecture, implementation strategies, administration techniques, and performance optimization. The course covers essential topics such as storage management, resource allocation, backup and recovery, and troubleshooting for mission-critical database workloads.

Learning Objectives

- Understand Exadata architecture and its components
- Implement and configure Exadata Database Machine
- Manage storage and optimize resource allocation
- Perform backup, recovery, and troubleshooting tasks
- Optimize database performance using Exadata-specific features
- Implement best practices for Exadata administration and maintenance

Course Modules

Day 1: Exadata Architecture and Overview

- Introduction to Oracle Exadata
- Exadata hardware components and configurations
- Exadata software stack and integration with Oracle Database
- Exadata unique features and capabilities

Day 2: Exadata Implementation and Configuration

- Initial Exadata setup and configuration
- Storage cell server configuration
- Database and ASM configuration for Exadata
- Network configuration and management

Day 3: Exadata Storage Management and Optimization

- Exadata storage architecture and smart scan technology
- I/O Resource Management IORM
- Hybrid Columnar Compression
- Smart Flash Cache and Smart Flash Log

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Day 4: Database Administration on Exadata

- Backup and recovery strategies for Exadata
- Patching and upgrade procedures
- Performance monitoring and tuning
- Troubleshooting common issues

Day 5: Advanced Topics and Best Practices

- Exadata consolidation strategies
- High Availability and Disaster Recovery options
- Security best practices for Exadata
- Exadata Cloud solutions overview

Practical Wins for Participants

- Ability to implement and manage Exadata Database Machine effectively
- Skills to optimize database performance using Exadata-specific features
- Expertise in troubleshooting and resolving Exadata-related issues
- Knowledge to design and implement efficient backup and recovery strategies

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