Global Horizon
TRAINING CENTER

Training Course:
Oracle Exadata Admin

29 June - 3 July 2025
Alexandria (Egypt)

Training Course code: IT235594 From: 29 June - 3 July 2025 Venue: Alexandria (Egypt) - Training Course Fees: 4345
Euro

Introduction

The Oracle Exadata Admin training program is meticulously designed by Global Horizon Training Center to provide a comprehensive understanding of Oracle's Exadata Database Machine. This program focuses on the architecture, administration, and management of Oracle Exadata, which is renowned for its high-performance capabilities and optimization for running Oracle databases. It aims to equip participants with the necessary skills to effectively manage Exadata systems, ensuring database performance, scalability, and reliability in enterprise environments.

Objectives

By the end of the training, participants will be able to:

- Understand Oracle Exadata architecture and key components.
- Perform Exadata configuration, installation, and patching.
- Administer and maintain Oracle databases on Exadata.
- Optimize database performance using Exadata-specific features.
- Troubleshoot and resolve Exadata performance and operational issues.
- Implement backup, recovery, and disaster recovery solutions in Exadata environments.
- Monitor and manage system resources efficiently.

Course Methodology

This program employs a blend of instructional methods, including:

- Interactive lectures with industry-specific case studies.
- Hands-on exercises and simulations to reinforce learning.
- Group discussions to share best practices and real-world experiences.
- Access to Oracle Exadata for practical exposure.
- Ongoing assessments to track participant progress.

Organizational Impact

- Enhanced database performance and availability, leading to better operational efficiency.
- Cost-effective management of large-scale databases using Exadata's optimized infrastructure.
- Improved decision-making with real-time data processing capabilities.
- Strengthened ability to handle business-critical workloads with enhanced scalability and reliability.
- Reduced risk of data loss through effective backup and recovery strategies.
- Improved technical competency among IT teams, reducing dependency on external support.

Target Audience

- Database administrators DBAs responsible for managing Oracle databases.
- IT infrastructure managers and architects.

- System administrators involved in managing data centers.
- Database engineers and performance tuners.
- Professionals involved in cloud migration or database optimization projects.
- Any IT professionals looking to deepen their knowledge of Oracle Exadata.

Course Outline

Day 1: Introduction to Oracle Exadata

- Overview of Oracle Exadata architecture.
- Key components of Exadata: Storage Servers, Database Servers, and InfiniBand.
- Understanding Exadata Smart Scan and Smart Flash Cache.
- Exadata hardware models and configurations.
- Initial setup and configuration of Exadata Database Machine.

Day 2: Exadata Database Administration

- Installing Oracle Database on Exadata.
- Configuring Oracle RAC and ASM on Exadata.
- Patching Exadata Database Machine components.
- Administering Oracle Exadata storage servers.
- Configuring network and InfiniBand fabric.

Day 3: Performance Optimization on Exadata

- Exadata-specific performance tuning and optimization.
- Using Exadata Smart Flash Cache to improve I/O performance.
- Monitoring and analyzing system performance using Enterprise Manager.
- Understanding and using Exadata CellCLI and dcli commands.
- Troubleshooting performance bottlenecks.

Day 4: Backup, Recovery, and Security

- Configuring RMAN for backup and recovery on Exadata.
- Implementing disaster recovery strategies using Oracle Data Guard.
- Managing Exadata security features.
- Best practices for securing Exadata environments.
- Performing database and storage level recovery.

Day 5: Monitoring, Troubleshooting, and Maintenance

- Using Oracle Enterprise Manager for monitoring and alerts.
- Troubleshooting Exadata hardware and software issues.
- Maintaining Exadata system components.
- Performing proactive maintenance tasks.
- Best practices for optimizing long-term performance.

Registration form on the Training Course:
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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

Delegate Information

Full Name (Mr / Ms / Dr / Eng): ....
Position: ....
Telephone / Mobile: ....
Personal E-Mail: ....
Official E-Mail: ....

Company Information

Company Name: ....
Address: ....
City / Country: ....

Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): ....
Position: ....
Telephone / Mobile: ....
Personal E-Mail: ....
Official E-Mail: ....

Payment Method

☐ Please find enclosed a cheque made payable to Global Horizon

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| Telephone: +201095004484 to provisionally reserve your place. | Fax your completed registration form to: +20233379764 | E-mail to us : info@gh4t.com or training@gh4t.com | Complete & return the booking form with cheque to:Global Horizon 3 Oudai street, Aldouki, Giza, Giza Governorate, Egypt. |