Oracle Database Administration with RAC: Mastering 12c/19c

Human Resource
Düsseldorf (Germany)
01 - 05 Sep 2025

UK Traininig
PARTNER

Oracle Database Administration with RAC: Mastering 12c/19c

Ref: 321751_145813 **Date:** 01 - 05 Sep 2025 **Location:** Düsseldorf (Germany) **Fees:** 4200 Euro

Course Description

This intensive 5-day course provides a comprehensive understanding of Oracle Real Application Clusters RAC administration. Participants will learn to install, configure, and manage RAC environments, focusing on high availability, scalability, and performance optimization. The course covers both Oracle 12c and 19c versions, equipping administrators with the latest skills in RAC technology.

Learning Objectives

- Install and configure Oracle RAC environments
- Manage and administer RAC databases effectively
- Implement backup, recovery, and disaster recovery strategies
- Optimize RAC performance and troubleshoot common issues
- Understand RAC architecture and its components
- Apply best practices for RAC administration and maintenance

Course Modules

Day 1: Introduction to Oracle RAC

- RAC architecture and components
- Grid Infrastructure overview
- Clusterware and ASM fundamentals
- RAC installation prerequisites

Day 2: RAC Installation and Configuration

- Installing Grid Infrastructure
- Creating RAC databases
- Configuring networking for RAC
- Managing services in RAC

Day 3: RAC Administration and Management

- Starting and stopping RAC instances
- Adding and removing RAC nodes
- Administering RAC with Enterprise Manager
- Implementing RAC One Node

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Day 4: Backup, Recovery, and High Availability

- RMAN backup strategies for RAC
- Performing RAC database recovery
- Implementing Data Guard with RAC
- Configuring Fast Application Notification FAN

Day 5: Performance Tuning and Troubleshooting

- Monitoring RAC performance
- Tuning global cache and enqueue services
- Resolving common RAC issues
- Best practices for RAC administration

Practical Wins for Participants

- Ability to design and implement highly available RAC environments
- Skills to optimize RAC performance for enterprise applications
- Expertise in RAC backup and recovery strategies
- Proficiency in troubleshooting complex RAC issues

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