

aractech

Global Learning for Operational Leaders



IT MANAGEMENT AND CYBER SECURITY | IMCS-007

Oracle Database Administration Professional

Contact

+31 85 7444446
info@aractech.com
<https://aractech.eu>

Address

Waarderweg 50, 2031PB Haarlem - Netherlands.

Course content

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Why Attend

Oracle databases are widely used to support critical business systems and enterprise applications. Effective administration is essential for performance, security, backup reliability, and business continuity. This course provides participants with practical skills to manage Oracle database environments, optimize performance, and maintain secure operations.

Course Methodology

- Presentations, hands-on labs, demonstrations, case studies, guided practice, and troubleshooting workshops.

Course Objectives

- Understand Oracle database architecture
- Install and configure Oracle databases
- Manage users, roles, and security
- Perform backup and recovery tasks
- Monitor and tune database performance
- Apply maintenance best practices

Target Audience

- Database Administrators
- IT Support Staff
- System Engineers
- Technical Professionals

Course outline

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Detailed course outline

Day-by-day outline for Oracle Database Administration Professional.

Day 1 - Oracle Database Foundations

- Oracle architecture overview
- Database instances and storage structures
- Installation and configuration basics
- Oracle tools and interfaces

Day 2 - User and Security Administration

- Creating users and roles
- Privileges and access control
- Password policies and auditing
- Security best practices

Day 3 - Backup and Recovery Management

- RMAN fundamentals
- Backup strategies
- Recovery scenarios
- Disaster recovery planning

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Day 4 - Performance Monitoring and Tuning

- Monitoring tools and reports
- Identifying bottlenecks
- Memory and SQL tuning
- Index and storage optimization

Day 5 - Maintenance and Troubleshooting

- Routine administration tasks
- Patch and upgrade planning
- Error diagnosis
- Final workshop and review

Seminar dates



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Available seminar dates

Live dates and pricing for Oracle Database Administration Professional generated from the course details page.

Date	Location	Format	Fee
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