Training Course:
Oracle Databases 19C

12 - 16 April 2026
Dubai (UAE)

Introduction:

The Oracle Databases 19c training program is meticulously designed by Global Horizon Training Center to provide professionals with comprehensive knowledge and skills in managing Oracle Databases. This program aims to build a solid foundation in Oracle Database 19c architecture, features, and advanced tools, ensuring participants can handle real-world database challenges efficiently.

Oracle Database 19c is the latest long-term release, offering a highly scalable, secure, and efficient database solution. The course provides practical and hands-on training to help learners understand the database management and application environment.

This training program is combined elements from both Oracle Database Administration 1 and 2, and goes more heavily towards Administration 2

Objectives:

- Understand Oracle Database 19c architecture and core components.
- Master advanced database administration, performance tuning, and security practices.
- Gain hands-on experience in backup, recovery, and data management.
- Explore new features introduced in Oracle Database 19c and how to leverage them.
- Learn to monitor, troubleshoot, and optimize database performance for enhanced efficiency.

Course Methodology:

This course is delivered using a combination of interactive lectures, practical demonstrations, and hands-on exercises. Participants will engage in case studies, group discussions, and real-world scenarios to ensure they acquire both theoretical knowledge and practical skills. Each day will include Q&A sessions for addressing specific queries.

Organizational Impact:

- Enhance database performance, stability, and security in organizational IT systems.
- Improve decision-making with timely and accurate data management.
- Reduce downtime and risks through effective backup and recovery strategies.
- Increase efficiency through automation and better resource management.
- Empower the IT team to adopt the latest Oracle database features, ensuring competitive advantage.

Target Audience:

- Database Administrators
- IT Managers and System Administrators
- Data Architects and Engineers
- Professionals involved in database migration and upgrades
- Any individual responsible for Oracle database infrastructure

Course Outline

Day 1: Introduction to Oracle Database 19c

- Overview of Oracle Database 19c architecture
- Core database components and structures
- Installation and configuration
- Oracle tools and utilities
- Overview of Oracle Cloud and Autonomous Database

Day 2: Database Administration Essentials

- Creating and managing databases
- Database storage structures
- Managing database users, privileges, and roles
- Oracle Database file management
- Understanding tablespaces and data files

Day 3: Backup and Recovery Techniques

- Backup strategies and types
- Oracle Recovery Manager RMAN basics
- Performing backups using RMAN
- Recovery techniques and disaster recovery planning
- Flashback technology for data recovery

Day 4: Performance Tuning and Optimization

- Oracle Database performance architecture
- Tuning methodologies and tools
- Monitoring system performance using AWR and ADDM
- Index management and optimization
- SQL query tuning techniques

Day 5: Advanced Database Security and New Features

- Implementing database security and encryption
- Managing user security and roles
- Data auditing and compliance

- New features in Oracle 19c
- Hands-on lab: Advanced security and performance optimization

Registration form on the Training Course:
Oracle Databases 19C

Training Course code: IT235595 From: 12 - 16 April 2026 Venue: Dubai (UAE) - Training Course Fees: 5390 Euro

Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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Person Responsible for Training and Development

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Payment Method

☐ Please find enclosed a cheque made payable to Global Horizon

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