

# Oracle Database 19c: Administration Workshop

**Duration: 40 Hours (5 Days)**

## Overview

The Oracle Database 19c: Administration Workshop is a comprehensive course designed to equip learners with the skills necessary to effectively manage an Oracle Database. This course covers essential topics that are critical for database administrators, including database architecture, installation, configuration, instance management, storage structures, security, and maintaining High availability and performance. By engaging with this course, participants will gain a deep understanding of the Oracle Database architecture and will learn how to prepare their environment for a smooth Oracle Database 19c installation. They will also become proficient in configuring Oracle Net Services and managing various database components, such as Initialization parameters, memory, processes, Control files, Redo logs, and Archive logs. Furthermore, the course delves into managing storage structures, securing the database environment by handling users, roles, and permissions, and implementing strategies for backup, recovery, and Performance tuning. Learners will also explore High availability features like Oracle Data Guard and Database replication, ensuring they have the knowledge to maintain a resilient and efficient Oracle Database system. By the end of the course, participants will have a solid foundation in Oracle Database administration, empowering them to manage and optimize Oracle databases effectively for their organizations.

## Audience Profile

The Oracle Database 19c: Administration Workshop is designed for IT professionals seeking to manage Oracle database systems effectively.

- Database Administrators (DBAs)
- Systems Administrators managing database servers
- Database Architects and Designers
- IT Managers overseeing database operations
- Database Developers needing to understand the underlying architecture
- Data Analysts requiring knowledge of database management
- Technical Consultants involved in Oracle Database projects
- IT Professionals preparing for Oracle Database Administration certification
- Technical Support Engineers responsible for maintaining Oracle Database systems

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