Oracle Database 19c: Multitenant Architecture Course

Course Duration: 32 Hrs.   **Course Code: D99143**

Course Overview

The Oracle Database 19c: Multitenant Architecture course provides in-depth knowledge of the multitenant container database (CDB) architecture. Learners will gain hands-on experience in creating and managing container databases and pluggable databases (PDBs). This course emphasizes key concepts such as PDB provisioning, security, backup, recovery, and performance management, enabling database administrators to efficiently manage consolidated environments.

What You'll Learn?

- Understand the multitenant architecture of Oracle Database 19c.
- Create, configure, and manage container databases (CDBs) and pluggable databases (PDBs).
- Implement provisioning, cloning, and unplug/plug operations of PDBs.
- Secure CDBs and PDBs with user and role management.
- Perform backup, recovery, and flashback operations in a multitenant environment.
- Monitor and optimize performance within CDBs and PDBs.
- Apply patching and upgrade techniques in multitenant databases.

Target Audience

- Database Administrators (DBAs)
- System Administrators

- Technical Architects
- IT Professionals managing Oracle environments
- Professionals preparing for Oracle Database certifications

Pre-Requisites

- Basic knowledge of Oracle Database administration
- Prior experience with SQL and PL/SQL
- Completion of *Oracle Database 19c: Administration Workshop* is recommended

Course Content

Module 1: Introduction to Multitenant Architecture
Module 2: Configuring and Creating CDBs and PDBs
Module 3: Managing Pluggable Databases
Module 4: Security in Multitenant Databases
Module 5: Backup and Recovery for CDBs and PDBs
Module 6: Cloning and Provisioning PDBs
Module 7: Performance Management in Multitenant Databases
Module 8: Patching, Upgrading, and Flashback Operations
Module 9: Best Practices for Multitenant Environments