Oracle Database 19c: Multitenant Architecture

Course Duration: 32 Hours (4 Days)

Overview

The Oracle Database 19c: Multitenant Architecture course is a comprehensive learning path designed to educate database administrators and architects about the new multitenant architecture introduced in Oracle Database 19c. This course explains how to manage both container databases (CDBs) and pluggable databases (PDBs), with a focus on the concepts and practical skills needed to implement and maintain a multitenant environment. Module 1 delves into the CDB basics, the relationship between CDB and regular PDBs, and the management of Application PDBs. Module 2 covers various aspects of PDB Creation, including CDB and PDB Management, and Storage considerations. Module 3 ensures learners understand Security protocols, Backup and Duplicate strategies, Recovery and Flashback operations, as well as Performance tuning and Resources Allocation. Lastly, Module 4 focuses on Data Movement, Upgrade Methods, and other Miscellaneous tasks.By mastering Oracle Multitenant Architecture, participants can gain the expertise to efficiently manage and operate Oracle's Database 19c Multitenant Architecture, enhancing the scalability and agility of their database systems.

Audience Profile

The Oracle Database 19c: Multitenant Architecture course is designed for IT professionals who want to manage and implement Oracle's multitenant architecture.

- Database Administrators (DBAs)
- Database Architects
- Database Consultants
- IT Specialists managing database solutions
- Oracle Technical Support Staff
- Data Center Support Engineers
- Oracle Database Developers aiming to leverage multitenant features
- System Administrators responsible for database systems
- IT Professionals working with Oracle Cloud services
- Technical Administrators involved in migration and consolidation projects
- Professionals pursuing Oracle Database 19c certification

Course Syllabus

1. Multitenant Architecture

- CDB Basics
- CDB and Regular PDBs
- Application PDBs and Application Installation

2. PDB Creation

- PDB Creation

- CDB and PDB Management
- Storage

3. Security

- Security
- Backup and Duplication
- Recovery and Flashback
- Performance
- Resource Allocation

4. Data Movement

- Data Movement
- Upgrade Methods
- Miscellaneous