Oracle Database 12c: Managing Multitenant Architecture

Target Audience : DBA/Developer/Technical Consultant/Support Engineers

Course Duration: 2 Days

Day 1:

Container and Pluggable Database Architecture

- Challenges and Benefits
- Multitenant Architecture
- Provisioning PDBs
- Terminology

CDB and PDB Creation

- Using Tools
- Configuring and Creating a CDB
- Creating PDBs
- Dropping PDBs
- Migrating PDBs

Managing a CDB and PDBs

- Connection
- Managing a CDB and PDBs
- Managing PDBs Open Mode and Settings
- Configuring CDB and PDBs Initialization Parameters

Managing Storage in a CDB and PDBs

- Managing Permanent Tablespaces in CDB and PDBs
- Managing Temporary Tablespaces in CDB and PDBs

Managing Security in a CDB and PDBs

- Managing Common and Local Users
- Managing Common and Local Privileges
- Managing Common and Local Roles
- Understanding Shared and Non-Shared Objects
- Managing Common and Local Profiles

Managing Availability

- Managing Backups
- Managing Recovery Operations
- Managing Flashback Database
- Duplicating PDBs
- Special Situations and Views

Day 2:

Managing Performance

- Managing Performance
- Managing Resource Allocation
- Maximizing Consolidated Database Replay

Miscellaneous

- Exporting and Importing Data
- Loading Data
- Auditing Operations
- Scheduling Jobs
- Using Other Products

Oracle Database Cloud Service: Overview

- Database as a Service Architecture, Features and Tooling
- Software Editions: Included Database Options and Management Packs
- Accessing the Oracle Database Cloud Service Console & Automated Database Provisioning
- Managing the Compute Node Associated With a Database Deployment
- Managing Network Access to Database as a Service & Scaling a Database Deployment
- Patching Database as a Service & Using the Oracle Database Cloud Service Console to Manage Patches
- Migrating from On-premises to Oracle Cloud Database
- Gather Information for Migration