Oracle Database 19c Multitenant Architecture

This Oracle Database: Managing Multitenant Architecture course covers all aspects of the multitenant architecture, providing detailed information on the components of an Oracle multitenant container database and its regular and application pluggable databases. You learn why and how to create and manage a multitenant container database and its regular and application pluggable databases, with storage structures appropriate for the business applications. You practice cold and hot cloning, plugging unplugged pluggable databases in multitenant container databases using various methods.
In addition, you learn how to create common and local users and administer database security to meet your business requirements by using encryption, Database Vault and auditing and you will learn how to create a database deployment in the Cloud.

Objectives

- Understand the multitenant architecture.
- Create and manage a multitenant container database and pluggable databases.
- Understand regular and application pluggable databases.
- Manage storage within a multitenant container database and pluggable databases.
- Manage security within a multitenant container database and regular and application pluggable databases.
- Monitor performance and manage resources within a multitenant container database and pluggable databases.
- Perform backup, recover and flashback operations on a multitenant container database and regular and application pluggable databases.
- Perform particular operations like Oracle Data Pump transportation, loading, encrypting, auditing.
- Manage the CDB and PDBs in specific configurations like Data Guard, Database Vault.

Topics

- Overview
- CDB Basics
- CDB and Regular PDBs
- Application PDBs and Application Installation
- PDB Creation
- CDB and PDB Management
- Storage
- Security
- Backup and Duplicate
- Recovery and Flashback
- Performance
- Resources Allocation
- Data Movement

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- Upgrade Methods
- Miscellaneous
- Consolidated Database Replay Procedures