



Oracle Database 12c: Administration Workshop

Learn To

- ✓ Create and manage an Oracle Database Instance.
- ✓ Create and manage Storage Structures.
- ✓ Configure the Oracle Network Environment.
- ✓ Create and manage users.
- ✓ Monitor the database and manage performance.
- ✓ Learn basic information on backup and recovery techniques.
- ✓ Use the Oracle Support Workbench and My Oracle Support to update your Oracle Database software.

Objectives

- Back up, restore, and patch DBCS database deployments
- Describe the DBaaS and on-premises Oracle Database architectures
- Manage database instances
- Manage UNDO data
- Move data between databases
- Implement basic backup and recovery procedures
- Monitor and tune database performance
- Tune SQL to improve performance



- Manage resources with Oracle Database Resource Manager
- Create pluggable databases (PDBs)
- Configure the Oracle network environment
- Administer user security and implement auditing
- Create and manage tablespaces
- Manage storage space
- Create and manage Database as a Cloud Service (DBCS) database deployments
- Register databases and manage performance with Enterprise Manager Cloud Control

Topics

- ❖ Getting Started
- ❖ Exploring Oracle Database Architecture
- ❖ Managing Database Instances
- ❖ Creating PDBs
- ❖ Configuring the Oracle Network Environment
- ❖ Administering User Security
- ❖ Creating and Managing Tablespaces
- ❖ Managing Storage Space
- ❖ Managing UNDO Data
- ❖ Moving Data
- ❖ Backup and Recovery Concepts
- ❖ Monitoring and Tuning Database Performance
- ❖ SQL Tuning

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- ❖ Oracle Database Resource Manager
- ❖ Enterprise Manager Cloud Control
- ❖ Introduction to Oracle Database Cloud Service
- ❖ Creating DBCS Database Deployments
- ❖ Managing DBCS Database Deployments
- ❖ Backing Up and Restoring DBCS Database Deployments
- ❖ Patching DBCS Database Deployments
- ❖ Creating Master Encryption Keys for PDBs
- ❖ Tablespace Encryption by Default