



Oracle Database 12c: Backup and Recovery Workshop

Learn To

- ✓ Develop backup and recovery procedures to address your business needs.
- ✓ Implement backup and recovery settings and perform backup operations to disk and tape.
- ✓ Employ Oracle Database recovery procedures to recover from media and other failures.
- ✓ Diagnose and repair data failures.
- ✓ Use Flashback Technologies and data duplication to complement backup and recovery procedures.
- ✓ Secure the availability of your database by appropriate backup and recovery strategies.
- ✓ Gain an understanding of the Oracle Database Cloud Service.

Objectives

- Use the Data Recovery Advisor to diagnose and repair failures.
- Use Oracle Flashback Technologies to recover from human error.
- Perform an encrypted database backup and restore.
- Perform tablespace point-in-time recovery.
- Describe additional high availability features such as Oracle Data Guard.



- Gain an understanding of the Oracle Database Cloud Service
- Describe Oracle Database backup methods and recovery operations that can be used to resolve database failure.
- Describe the Oracle Database architecture components related to backup and recovery operations.
- Plan effective backup and recovery procedures.
- Configure the database for recoverability.
- Use Recovery Manager (RMAN) to create backups and perform recovery operations.

Topics

- ❖ Introduction
- ❖ Getting Started
- ❖ Configuring for Recoverability
- ❖ Using the RMAN Recovery Catalog
- ❖ Backup Strategies and Terminology
- ❖ Performing Backups
- ❖ Improving Your Backups
- ❖ Using RMAN-Encrypted Backups
- ❖ Diagnosing Database Failures
- ❖ Restore and Recovery Concepts
- ❖ Performing Recovery, Part 1

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- ❖ Performing Recovery, Part 2
- ❖ RMAN and Oracle Secure Backup
- ❖ Performing Tape Backups and Restores
- ❖ Using Flashback Technologies
- ❖ Using Flashback Database
- ❖ Managing Backup Space or Transporting Data
- ❖ Duplicating a Database
- ❖ RMAN Performance and Tuning
- ❖ Backup and Recovery Workshop
- ❖ Oracle Database Cloud Service: Overview