

# Oracle Database 12c: Backup and Recovery Workshop - Day



Length: 5 days

Format: Bootcamp

Time: Day



## About This Course

This Oracle Database 12c: Backup and Recovery Workshop will teach each of you how to evaluate your own recovery requirements. You will develop appropriate strategies for backup, restore and recovery procedures from provided scenarios. In this course, you will be introduced to Oracle Database Cloud Service.

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.

## Required Exams

1Z0-053: Oracle Database 11G Administration Workshop II

## Audience Profile

This course is designed for the following audiences:

- \* Database Administrators
- \* Technical Administrator
- \* Support Engineer
- \* Technical Consultant

## Course Objectives

After completing this course, students will be able to:

- \* 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.

## Outline

- \* 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
- \* 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