

**OD-12cR2-BRW: Oracle Database 12c R2:
Backup and Recovery Workshop**

Course Code: OD-12cR2-BRW

Duration: 5 days

Instructor-led Training (ILT) | Virtual Instructor-
led Training (VILT)**OVERVIEW**

In this Oracle Database 12c R2: Backup and Recovery Workshop, students learn how to perform backup and recovery based on the related Oracle Database architecture components. Various backup, failure, restore, and recovery scenarios are provided so that students learn to evaluate their own recovery requirements and develop an appropriate strategy for backup and recovery procedures. This course includes an interactive workshop, with scenarios that provide participants with opportunities to diagnose and recover from several failure situations.

Learn To:

- Develop appropriate 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.

SKILLS COVERED

Upon completing this course, the learner will be able to meet these overall objectives:

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

WHO SHOULD ATTEND?

- Database Administrators
- Support Engineer
- Technical Consultant
- Technical Administrator
- Data Warehouse Administrator

PREREQUISITES

- Knowledge of Oracle Database 12c
- Knowledge of SQL and PL/SQL (for DBA use)
- Oracle Database 12c R2: Administration Workshop Ed 3

Suggested Prerequisites:

- Using Oracle Enterprise Manager Cloud Control 13c Ed 2

COURSE CONTENTS

- 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

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