Oracle Database 19c: Backup and Recovery

Oracle

- **Localidade:** Porto
- **Data:** 07 Oct 2024
- **Preço:** 2940 € (Os valores apresentados não incluem IVA. Oferta de IVA a particulares e estudantes.)
- **Horário:** Laboral das 9h30 às 16h30
- **Nível:**
- **Duração:** 30h

Sobre o curso

In this course, 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.

The student begins by gaining a deeper understanding of possibly the most important job of a DBA – backup and recovery. The concepts and architecture that support backup and recovery, along with implementation in various ways and situations are covered in detail. Students gain knowledge of the Recovery Manager (RMAN) command-line interface for various backup, failure, restore, and recovery scenarios, including data duplication.

Destinatários

- Administrator
- Database Administrator

Objetivos

Upon completion of this course, you should be able to:

- 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.

Pré-requisitos

- Oracle Database: Administration Workshop
- Basic knowledge of Linux operating system
- A working knowledge of SQL and PL/SQL packages
- Basic understanding of Oracle Database architecture
- Familiarity with basic database monitoring procedures

Programa

- Backup and Recovery: Overview
- Backup and Recovery Configuration
- Using Recovery Manager (RMAN)
- Backup Strategies
- Creating Database Backups
- Using Optional Backup Features
- Tuning RMAN Backup Performance
- Recovery Catalog: Overview
- Creating a Recovery Catalog
- Managing Target Database Records
- Using Stored Scripts
- Creating and Using Virtual Private Catalogs
- Restore and Recovery Concepts

- Diagnosing Failure

- Performing Complete Recovery

- Performing Point-in-Time Recovery

- Performing Block Media Recovery

- Performing Additional Recovery Operations

- Oracle Flashback Technology: Overview

- Using Logical Flashback Features

- Using Flashback Database

- Using PDB Snapshot

- Database Duplication Overview

- Creating a Backup-Based Duplicate Database