Oracle Database: Backup and Recovery Workshop

Category: AI, Data & Analytics | **Vendor:** Oracle

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

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.

Extensive hands-on practices and workshop scenarios provide the student with experience in a realistic technical environment. This course includes an interactive workshop that provide participants with opportunities to diagnose and recover from several failure scenarios, based on backup and recovery case studies.

After completing this course, students should be able to evaluate their own recovery requirements and develop an appropriate strategy for backup and recovery procedures.

Versions Supported: 19c, 18c, 12c

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.

Benefits

The student benefits 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 steps in various ways and situations, are presented in detail.

Students gain knowledge of the Recovery Manager (RMAN) command-line interface for various backup, failure, restore, and recovery scenarios, including data duplication.

Hands-On Lessons

Extensive hands-on practices and workshop scenarios provide the student with experience in a realistic technical environment. This course includes an interactive workshop that provide participants with opportunities to diagnose and recover from several failure scenarios, based on backup and recovery case studies. After completing this course, students should be able to evaluate their own recovery requirements and develop an appropriate strategy for backup and recovery procedures.

About This Course

Introduction and Configuration

- Introduction
- Getting Started
- Configuring for Recoverablility
- Using the RMAN Recovery Catalog

Backup

- Backup Strategies and Terminology
- Performing Backups
- Improving Your Backups
- Using RMAN-Encrypted Backups

Recovery

- Diagnosing Failures
- Restore and Recovery Concepts
- Performing Complete Recovery
- Performing Point-in-Time Recovery
- Performing Additional Recovery Operations

Additional Technologies

- Using Flashback Technologies
- Using Flashback Database
- Transporting Data
- Duplicating a Database
- RMAN Troubleshooting and Tuning

Hands-On

- Backup and Recovery Workshop

Who Should Attend

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

Prerequisites & Entry Requirements

General Prerequisites:

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Learning Outcomes

Upon successful completion of this course, participants will be able to:

Upon completion of this course, the student 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.

Skills You Will Learn:

Upon completion of this course, the student 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.
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- Perform tablespace point-in-time recovery.

Frequently Asked Questions

Q: What delivery options are available for Oracle Database: Backup and Recovery Workshop?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 5-day Oracle Database: Backup and Recovery Workshop course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Oracle Database: Backup and Recovery Workshop training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Oracle Database: Backup and Recovery Workshop?

Yes, we provide corporate training, dedicated training, and closed classes for Oracle Database: Backup and Recovery Workshop. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Oracle Database: Backup and Recovery Workshop, Oracle Database Training, D105920

Q: Why choose Nexus Human for Oracle Database: Backup and Recovery Workshop?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Oracle Database: Backup and Recovery Workshop training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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