Oracle 19c Database Backup and Recovery (TTOR21619)

Category: Software Development & Programming | **Vendor:** Trivera Tech

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

Geared for DBAs and other technical support staff, Oracle Database 19c Backup and Recovery is a hands-on course that allows you to develop appropriate backup and recovery procedures to address their business model and requirements. Throughout the course you ll explore how to implement basic backup and recovery procedures, move data between databases and files, and employ basic monitoring procedures. You ll also learn how to secure the availability of a database by using appropriate backup and recovery strategies, how to how to perform backup and recovery operations using RMAN, and how to use Flashback features to recover from human error. This course combines expert lecture, real-world demonstrations and group discussions with machine-based practical labs and exercises. Working in a hands-on learning environment led by our expert facilitator, you ll learn how to:Implement backup and recovery settings and perform backup operations to the media of your choice.Move data between databases and filesUse Oracle Database recovery processes to recover from media and other failures.Diagnose and repair data failuresUse flashback technologies and data duplication to complement backup and recovery proceduresSecure the availability of their database using backup and recovery strategies

About This Course

Geared for DBAs and other technical support staff, Oracle Database 19c Backup and Recovery is a hands-on course that allows you to develop appropriate backup and recovery procedures to address their business model and requirements. Throughout the course you ll explore how to implement basic backup and recovery procedures, move data between databases and files, and employ basic monitoring procedures. You ll also learn how to secure the availability of a database by using appropriate backup and recovery strategies, how to how to perform backup and recovery operations using RMAN, and how to use Flashback features to recover from human error. This course combines expert lecture, real-world demonstrations and group discussions with machine-based practical labs and exercises. Working in a hands-on learning environment led by our expert facilitator, you ll learn how to:Implement backup and recovery settings and perform backup operations to the media of your choice.Move data between databases and filesUse Oracle Database recovery processes to recover from media and other failures.Diagnose and repair data failuresUse flashback technologies and data duplication to complement backup and recovery proceduresSecure the availability of their database using backup and recovery strategies

Who Should Attend

This hands-on course is geared for experienced DBAs already working with Oracle.

Prerequisites & Entry Requirements

General Prerequisites:

This hands-on course is geared for experienced DBAs already working with Oracle. Incoming students should possess:

-Knowledge of SQL basics

-Knowledge of Oracle Database 18c or newer

-Linux skills, including familiarity with command-line options such as ls, cd, cp, and su

Learning Outcomes

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

This course combines expert lecture, real-world demonstrations and group discussions with machine-based practical labs and exercises. Working in a hands-on learning environment led by our expert facilitator, you'll learn how to:

Implement backup and recovery settings and perform backup operations to the media of your choice.

Move data between databases and files

Use Oracle Database recovery processes 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 their database using backup and recovery strategies

Detailed Course Outline

Backup Methods

- User Managed Backups
- Oracle Managed Backups Types of Failures
- Types of Recoveries

Recovery Configuration

- Configuring the Database for Archivelog
- Configuring the Database for No-Archivelog
- Configuring the Flash Recovery Area

Configuring RMAN

- RMAN Default Settings
- Command Line
- Enterprise Manager

RMAN Backups

- Full RMAN Backup
- Compressed Backups
- Uncompressed Backups
- Partial RMAN Backup
- Incremental Backups
- Change Tracking File

Managing Backups

- Backup Reports
- Backup Maintenance
- Backup Catalog
- Backup Crosscheck

RMAN Complete Recovery

- RMAN Complete Recovery
- Database Recovery
- Tablespace Recovery
- Datafile Recovery

RMAN In-Complete Recovery

- Time Based Recovery
- Sequence Based Recovery
- SCN Based Recovery

Non-Database File Recovery

- Spfile Recovery
- Controlfile Recovery
- Incremental Recovery
- Flash Recovery Area for a Fast Recovery

User Managed Backup

- Configuring User Managed Backups
- Perform a User Managed Backup

User Managed Recovery

- User Managed Complete Recovery
- User Managed Incomplete Recovery

Configuring Flashback

- Flashback Query
- Flashback Drop
- Flashback Database

Performing Flashback Recoveries

- Flashback Query
- Flashback Drop
- Flashback Transaction Query
- Flashback Versions Query

Performing Flashback Database

- Determining the FRA Size
- FRA Retention
- Performing a Flashback Database

RMAN Duplicate Command

- Setting up for a Duplicate Database
- Creating the Duplicate spfiles
- Performing the Duplicate Command.

RMAN Recovery Catalog

- Configuring for the Recovery Catalog
- Creating the Recovery Catalog

Backups with the Recovery Catalog

- Registering the Database with the Recovery Catalog
- Performing Backups with the Recovery Catalog

Recoveries with the Recovery Catalog

- Identifying Type of Recoveries with the Recovery Catalog
- Performing Recoveries with the Recovery Catalog

Recovery Catalog Maintenance

- Registering Additional Databases with the Recovery Catalog
- Cataloging Additional Backups with the Recovery Catalog
- Recovery Catalog Scripts

DataPump

- Configuring Datapump
- DataPump Exports
- DataPump Imports

Tuning RMAN

- RMAN Sessions
- RMAN Channels
- RMAN Job Progress

, Backup Methods

User Managed Backups

Oracle Managed Backups Types of Failures

Types of Recoveries

Recovery Configuration

Configuring the Database for Archivelog

Configuring the Database for No-Archivelog

Configuring the Flash Recovery Area

Configuring RMAN

RMAN Default Settings

Command Line

Enterprise Manager

RMAN Backups

Full RMAN Backup

Compressed Backups

Uncompressed Backups

Partial RMAN Backup

Incremental Backups

Change Tracking File

Managing Backups

Backup Reports

Backup Maintenance

Backup Catalog

Backup Crosscheck

RMAN Complete Recovery

RMAN Complete Recovery

Database Recovery

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Datafile Recovery

RMAN In-Complete Recovery

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Sequence Based Recovery

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Perform a User Managed Backup

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User Managed Complete Recovery

User Managed Incomplete Recovery

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Flashback Query

Flashback Drop

Flashback Database

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Flashback Query

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Flashback Transaction Query

Flashback Versions Query

Performing Flashback Database

Determining the FRA Size

FRA Retention

Performing a Flashback Database

RMAN Duplicate Command

Setting up for a Duplicate Database

Creating the Duplicate spfiles

Performing the Duplicate Command.

RMAN Recovery Catalog

Configuring for the Recovery Catalog

Creating the Recovery Catalog

Backups with the Recovery Catalog

Registering the Database with the Recovery Catalog

Performing Backups with the Recovery Catalog

Recoveries with the Recovery Catalog

Identifying Type of Recoveries with the Recovery Catalog

Performing Recoveries with the Recovery Catalog

Recovery Catalog Maintenance

Registering Additional Databases with the Recovery Catalog

Cataloging Additional Backups with the Recovery Catalog

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RMAN Job Progress

Additional Course Details

Nexus Humans Oracle 19c Database Backup and Recovery (TTOR21619) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Oracle 19c Database Backup and Recovery (TTOR21619) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Oracle 19c Database Backup and Recovery (TTOR21619)?

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 3-day Oracle 19c Database Backup and Recovery (TTOR21619) course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Oracle 19c Database Backup and Recovery (TTOR21619) training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Oracle 19c Database Backup and Recovery (TTOR21619)?

Yes, we provide corporate training, dedicated training, and closed classes for Oracle 19c Database Backup and Recovery (TTOR21619). 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 DBA; Database

Q: Why choose Nexus Human for Oracle 19c Database Backup and Recovery (TTOR21619)?

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 19c Database Backup and Recovery (TTOR21619) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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