

Kurs: D22057DE10**Oracle Database 10g: Backup and Recovery Ed 1****Ziel:**

After completing this course, students should be able to evaluate their own recovery requirements and develop an appropriate strategy for backup and recovery procedures. They learn how to use RMAN and Enterprise Manager to perform backup and recovery operations. Flashback features are described as an additional way to recover from human error.

This Course includes Oracle Secure Backup, which supplies reliable tape backup of the database through direct integration with RMAN and also provides general file system backup to tape capabilities. Students install Oracle Secure Backup and use it to back up Oracle Database files and file system files.

Learn To: Develop an effective backup and recovery strategy * Perform backup and recovery operations using RMAN * Install and configure Oracle Secure Backup for tape backup * Use Oracle Secure Backup to back up database and file system files

Erforderliche Vorkenntnisse:

Oracle9i Datenbankadministration Teil 1 & Teil 2
oder

Oracle Database 10g: Administration Workshop I Release 2

Teilnehmerkreis:

Der Kurs richtet sich an Data Warehouse-Administratoren und Datenbankadministratoren

Inhalte:

- Plan effective backup and recovery procedures
- Use Recovery Manager to create backups and perform recovery operations
- Use Oracle Flashback technologies to recover from human error
- Install Oracle Secure Backup
- Perform an Oracle-suggested backup to tape
- Use Oracle Secure Backup to perform a file system backup
- Use Oracle Secure Backup to perform a file system restoration
- Perform an encrypted database backup and restore
- Manage the Oracle Secure Backup environment
- Monitor and tune Recovery Manager
- Perform tablespace point-in-time recovery
- Create a duplicate database
- Create and manage a recovery catalog database

Sachgebiete:**Introduction**

- Overview of backup methods
- Overview of recovery methods
- Backup and recovery strategies

Configuring for Recoverability

- Configuring ARCHIVELOG mode
- Specifying a Retention Policy
- Configuring the Flash Recovery Area

Using RMAN to Create Backups

- Configuring RMAN Persistent Settings
- Configuring Backup Optimization
- Enabling Fast Incremental Backup
- Creating an Oracle-suggested Backup

Creating Duplex Backup Sets
Configuring Control File Auto-backups
Managing Backups

Using RMAN to Perform Recovery

Performing Complete Recovery
Performing Recovery Using Incrementally Updated Backups
Using the Flash Recovery Area for Fast Recovery
Restoring and Recovering the Database on a New Host
Restoring the Server Parameter File
Restoring the Control File from Auto-backup

Using Oracle Flashback Technologies

Performing Flashback Table
Flashing Back Dropped Tables
Performing Flashback Versions Query
Performing Flashback Transaction Query
Configuring Flashback Database
Performing Flashback Database

Using RMAN to Create a Duplicate Database

Creating an Initialization Parameter File for the Auxiliary Instance
Creating a Duplicate Database
Using Enterprise Manager to Create a Duplicate Database

Performing Tablespace Point-in-Time Recovery

Tablespace Point-in-time Recovery Architecture
Determining the Recovery Set Tablespaces
Performing Basic RMAN Tablespace Point-in-time Recovery
Troubleshooting Tablespace Point-in-time Recovery

Using the RMAN Recovery Catalog

Configuring the Recovery Catalog Database
Creating the Recovery Catalog Owner
Creating the Recovery Catalog
Registering a Database in the Recovery Catalog
Cataloging Additional Backup Files
Manually Re-synchronizing the Recovery Catalog
Creating and Executing Stored Scripts

Monitoring and Tuning RMAN

Monitoring RMAN Sessions
Monitoring RMAN Job Progress
Interpreting RMAN Message Output
Tuning RMAN Backup Performance

Oracle Secure Backup Overview

Oracle Secure Backup: Tape Management and Integration with Oracle Products
Oracle Secure Backup Interface Options
Media Management Expiration Policies
Securing Data and Access to the Backup Domain

Install Oracle Secure Backup

Perform Pre-installation Tasks
Perform Installation Tasks
Configure the Administrative Server
Configure Oracle Secure Backup Users

**Use RMAN and Oracle Secure Backup**

- RMAN Database Backup to Tape
- Define Database Storage Selectors
- Back Up the Flash Recovery Area to Tape
- Perform Oracle-suggested Backup to Tape
- Manage Database Tape Backups

Back Up File System Files With Oracle Secure Backup

- Manage Media Families
- Create Datasets
- Create Backup Windows
- Create Backup Schedules
- Create Backup Triggers
- Create On-Demand Backup Requests

Restore File System Backups with Oracle Secure Backup

- Browse the Catalog for File System Backup Data
- Restore File System Data
- Create a Catalog-Based Restore Request
- Submit a Restore Request

Manage Oracle Secure Backup Security

- Manage User Access Control
- Define an Oracle Secure Backup User
- Leverage Oracle Security Technology
- Administrative Server Certificate Authority (CA)
- Create Encrypted Backups
- Restore Encrypted Backups
- Perform Encrypted Recovery

Manage the Administrative Domain

- Managing Common Daemon Operations
- Managing Policies and Defaults
- Configuring Oracle Secure Backup Policies
- Adding Clients, Media Servers, and Devices
- Managing Devices and Volumes
- Managing Jobs

Dauer: 3 Tage

Preis: Die Kursgebühr pro Teilnehmer beträgt 1770,- zzgl. Mehrwertsteuer.

Anmerkung: Kursmaterial und Vortrag in deutscher Sprache.

Empfohlene weitere Ausbildung:

Oracle Database 10g: Security Ed 1

Anmeldung per Fax 02302 / 91421-21

Oder schriftlich an:

CNS
Computer Network Systems GmbH
Wullener Feld 9
58454 Witten

Ja, hiermit melde ich mich verbindlich zu folgenden Seminaren an:

Seminarartikel

Veranstaltungsort und Datum

Teilnehmer:

Name, Vorname des Teilnehmers

Name, Vorname des Teilnehmers

Name, Vorname des Teilnehmers

Name, Vorname des Teilnehmers

Name, Vorname des Teilnehmers

Bestätigung an:

Firma

Abteilung

Kontakt

Strasse

PLZ/Ort

Telefon/Fax

eMail

Ihre Bestellnummer

Ort, Datum, Unterschrift

Oracle Database 10g: Backup and Recovery Ed 1

Und so melden Sie sich an:

Per Fax unter: 02302 / 91421-21

Per Email unter: training@cns-gruppe.com

Telefonisch unter: 02302 / 91421-0

Im Internet unter: www.cns-gruppe.com

Mehr Informationen:

Wenn Sie weitere Informationen und Neuigkeiten von uns erhalten möchten, dann können Sie sich hier in unseren Newsletter- Verteiler eintragen:

Newsletter: ☐

Besuchen Sie uns im Internet unter:
www.cns-gruppe.com

Wenn nicht wie nebenstehend, Rechnung an:

Firma

Abteilung

Kontakt

Strasse

PLZ/Ort

Telefon/Fax

eMail