

Oracle Database 10g Backup & Recovery

Course information

Days : 3

Total lessons : 16

Suggested Prerequisites :

- Oracle Database 10g: Administrator Workshop I
- Oracle Database 10g: Administrator Workshop II

Training includes :

- Experienced trainer(s)
- Pre-test and Post-test
- Practices, and solutions
- Trainer Assistant(s)

In-house price for 4 days

- 64,000 baht(THB) : Small Class : 1 - 10 persons
- 80,000 baht(THB) : Medium Class : 11 - 20 persons
- 96,000 baht(THB) : Big Class : 21 - 30 persons
- All prices exclude VAT 7 %

Course details

Day 1

Lesson 1 : Introduction

Lesson 2 : Configuring for Recoverability

Lesson 3 : Using RMAN to Create Backups

Lesson 4 : Using RMAN to Perform Recovery

Lesson 5 : Using Oracle Flashback Technologies

Lesson 6 : Using RMAN to Create a Duplicate Database

Day 2

Lesson 7 : Performing Tablespace Point-in-Time Recovery

Lesson 8 : Using the RMAN Recovery Catalog

Lesson 9 : Monitoring and Tuning RMAN

Lesson 10 : Oracle Secure Backup Overview

Lesson 11 : Installing Oracle Secure Backup

Day 3

Lesson 12 : Using RMAN and Oracle Secure Backup

Lesson 13 : Backing Up File-System Files with Oracle Secure Backup

Lesson 14 : Restoring File-System Backups with Oracle Secure Backup

Lesson 15 : Managing Oracle Secure Backup Security

Lesson 16 : Managing the Administrative Domain

Lesson details

Lesson 1 : Introduction

- Describe course objectives
- Describe backup methods
- Describe the forms of data recovery
- Describe Oracle Recovery Manager architecture
- Plan a recovery strategy
- Plan a backup strategy based on your recovery strategy

Lesson 2 : Configuring for Recoverability

- Configure your database in ARCHIVELOG mode
- Specify a retention policy
- Configure the Flash Recovery Area



Lesson 3 : Using RMAN to Create Backups

- Configure persistent settings
- Configure backup destinations
- Configure backup optimization
- Create duplexed backup sets

Lesson 4 : Using RMAN to Perform Recovery

- Perform complete recovery
- Perform recovery on a new host
- Perform recovery using a backup control file

Lesson 5 : Using Oracle Flashback Technologies

- Use Flashback Drop to recover a dropped table
- Use Flashback Query to view the contents of the database as of any single point in time
- Use Flashback Versions Query to view versions of a row over time
- Use Flashback Transaction Query to view transaction history of a row
- Use Flashback Table to restore the contents of a table to a specific point in the past
- Configure Flashback Database
- Perform Flashback Database to a point in time

Lesson 6 : Using RMAN to Create a Duplicate Database

- Describe the ways a duplicate database can be used
- Configure auxiliary database file names
- Create a duplicate database

Lesson 7 : Performing Tablespace Point-in-Time Recovery

- Determine when to use tablespace point-in-time recovery (TSPITR)
- Choose the correct TSPITR target time
- Perform basic RMAN tablespace point-in-time recovery

Lesson 8 : Using the RMAN Recovery Catalog

- Create the recovery catalog
- Manage the recovery catalog
- Resynchronize the recovery catalog
- Use stored scripts

Lesson 9 : Monitoring and Tuning RMAN

- Monitor RMAN jobs
- Troubleshoot RMAN operations
- Tune RMAN backup performance

Lesson 10 : Oracle Secure Backup Overview

- Describe how Oracle Secure Backup complements the Oracle backup and recovery options
- Define Oracle Secure Backup terminology
- Describe Oracle Secure Backup interface options
- Describe backup management features of Oracle Secure Backup

Lesson 11 : Installing Oracle Secure Backup

- Install Oracle Secure Backup on Linux
- Choose an Oracle Secure Backup interface
- Register the Administrative Server in EM
- Add an Oracle Secure Backup user with preauthorized access



Lesson 12 : Using RMAN and Oracle Secure Backup

- Create database backup storage selectors
- Describe integrated disk and tape backup
- Perform Oracle-suggested backup to tape
- Determine database recovery

Lesson 13 : Backing Up File-System Files with Oracle Secure Backup

- Create dataset scripts
- Schedule file backups
- Submit backup requests
- Perform file-system backups

Lesson 14 : Restoring File-System Backups with Oracle Secure Backup

- Browse the catalog for file-system backup data
- Create catalog-based restore requests
- Perform file-system restoration

Lesson 15 : Managing Oracle Secure Backup Security

- Manage user access control for Oracle Secure Backup
- Describe host authentication
- Determine backup security characteristics
- Describe encryption
- Perform an encrypted database backup and restore

Lesson 16 : Managing the Administrative Domain

- Describe Oracle Secure Backup processes
- Configure policies and defaults
- Browse primary Oracle Secure Backup catalogs
- Manage clients Manage media servers (tape devices and libraries)
- Manage volumes Manage jobs

For more information please contact :

VT Technology Co.,Ltd.

Tel +66 0 2594 5185

Fax +66 0 254 5621

contact@vttech.co.th

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Please go to www.vttech.co.th/course.html*

