

Oracle Database 11gR2 Administrator Workshop I

Standard Edition (SE)

Course information

Days : 4

Total lessons : 16

Suggested Prerequisites :

- Oracle Database 11g: SQL Fundamentals I

Training includes :

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

Public price :

- 15,000 baht(THB) : 1 person

In-house price :

- 45,000 baht(THB) : Economic Class : 1 – 5 people
- 56,000 baht(THB) : Small Class : 6 - 10 people
- 62,000 baht(THB) : Medium Class : 11 - 15 people

All prices exclude VAT 7 %

Course details

Day 1

Lesson 1 : Oracle Database Concept

Lesson 2 : Exploring the Oracle Database Architecture

Lesson 3 : Creating an Oracle Database Using DBCA with/without ASM Technology

Lesson 4 : Managing the Database Instance

Day 2

Lesson 5 : Database Backups

Lesson 6 : Database Recovery[Complete Recovery]

Lesson 7 : Database Recovery[Incomplete Recovery]

Lesson 8 : Flashback Technology

Day 3

Lesson 9 : Tablespace & Schema object Management

Lesson 10 : Database Maintenance Tasks

Lesson 11 : Performance Issue

Lesson 12 : User & Password

Day 4

Lesson 13 : Audit

Lesson 14 : Network Configuration

Lesson 15 : Export/Import VS Expdp/Impdp

Lesson 16 : Conclusion.



Lesson details

Lesson 1 : Oracle Database Concept

- Reasons to choose Oracle Database for your company?
- PRO and CON.
- New Features and other recommend products.

Lesson 2 : Exploring the Oracle Database Architecture

- List the major architectural components of Oracle Database
- Explain the memory structures
- Describe the background processes
- Correlate the logical and physical storage structures
- Describe ASM storage components

Lesson 3 : Creating an Oracle Database

- Reasons to choose ASM or not for your database.
- Create a database by using the Database Configuration Assistant (DBCA)
- Database with file system
- Database with ASM (Automatic Storage Management)

Lesson 4 : Managing the Oracle Instance

- Start and stop the Oracle database and components
- Use Oracle Enterprise Manager
- Access a database with SQL*Plus
- Modify database initialization parameters
- Describe the stages of database startup
- Describe database shutdown options
- View the alert log
- Access dynamic performance views

Lesson 5 : Database Backup

- How Oracle Database protect your data to 100% no loss?Why?
- Configure the flash recovery area
- Configure ARCHIVELOG mode
- Back up your database without shutting it down
- Manage backups and view backup reports
- Monitor the flash recovery area

Lesson 6 : Database Recovery[Complete Recovery]

- Determine the need for performing recovery
- Perform recovery:
 - Parameter file
 - Control file
 - Redo log file
 - Data file

Lesson 7 : Database Recovery[Incomplete Recovery]

- Perform recovery:
 - Loss All Control files
 - Loss Redo log group
- Restore to New Host



Lesson 8 : Flashback Technology

- Flashback Query
- Flashback Version
- Flashback Table
- Flashback Table Drop

Lesson 9 : Tablespace & Schema object Management

- Tablespaces & Datafiles
- Tables
- Indexes
- Views
- Procedures, Functions and Packages

Lesson 10 : Database Maintenance Tasks

- Alert Log ,Listener Log and Other trace files.
- Tablespace Maintenance
- Datafile Maintenance
- Table Maintenance
- Index Maintenance

Lesson 11 : Performance Issue

- Is your RAM still ENOUGH? And how many should?
- Is your storage still fast ENOUGH? And how to resolve it?
- Is your CPUs still ENOUGH?

Lesson 12 : User & Password

- Users
- System Privilege ,Object Privilege, Roles
- Profiles & Password

Lesson 13 : Audits

- Mandatory Audit
- Standard Audit
- Valued-base Audit
- Fine Gain Audit
- DBA Audit

Lesson 14 : Network Configuration

- Listener
- TNSnames.ora

Lesson 15 : Export/Import VS Expdp/Impdp

- Use Export and Import Command
- Use Data Pump Export and Import to move data between Oracle databases

Lesson 16 : Conclusion

For more information please contact :

VT Technology Co.,Ltd.

Tel +66 0 2594 5185

Mob +668 9521 7730

contact@vttech.co.th

To see other available Oracle courses

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



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