Oracle Database 10g Advanced PL/SQL

Course information

Days : 2
Total lessons : 8
Suggested Prerequisites :
- Oracle Database 10g: PL/SQL Fundamentals
- Previous programming experience

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

In-house price for 2 days :
- 57,000 baht(THB) : Economic Class : 1 – 5 people
- 67,000 baht(THB) : Small Class : 6 - 10 people
- 86,000 baht(THB) : Medium Class : 11 - 20 people
- 105,000 baht(THB) : Large Class : 21 - 30 people

All prices exclude VAT 7 %

Course details

Day 1
Lesson 1 : PL/SQL Programming Concepts Review
Lesson 2 : Design Considerations
Lesson 3 : Collections
Lesson 4 : Advanced Interface Methods
Day 2
Lesson 5 : PL/SQL Server Pages
Lesson 6 : Fine-Grained Access Control
Lesson 7 : Performance and Tuning
Lesson 8 : Analyzing PL/SQL Code

Lesson details

Lesson 1 : PL/SQL Programming Concepts Review
- Identify PL/SQL block structure
- Describe PL/SQL basics
- List restrictions and guidelines on calling functions from SQL expressions
- Identify how explicit cursors are processed
- Handle exceptions
- Use the raise_application_error procedure
- Manage dependencies

Lesson 2 : Design Considerations
- Identify guidelines for cursor design
- Use cursor variables
- Create subtypes based on existing types for an application

Lesson 3 : Collections
- Describe an object type
- Create an object type specification
- Implement the constructor method on objects
- Create collections
  - Nested table collections, array collections
  - Associative arrays, string indexed collections
- Use collections methods
- Manipulate collections

- Distinguish between the different types of collections and when to use them

Lesson 4 : Advanced Interface Methods
- Execute external C programs from PL/SQL
- Execute Java programs from PL/SQL

Lesson 5 : PL/SQL Server Pages
- Embed PL/SQL code in Web pages (PL/SQL server pages)
- Explain the format of a PL/SQL server page
- Write the code and content for the PL/SQL server page
- Load the PL/SQL server page into the database as a stored procedure
- Run a PL/SQL server page via a URL
- Debug PL/SQL server page problems

Lesson 6 : Fine-Grained Access Control
- Describe the process of fine-grained access control
- Implement and test fine-grained access control

Lesson 7 : Performance and Tuning
- Tune PL/SQL code
- Identify and tune memory issues
- Recognize network issues
- Perform native and interpreted compilation

Lesson 8 : Analyzing PL/SQL Code
- Find information about your PL/SQL code
- Trace PL/SQL program execution
- Profile PL/SQL applications

For more information please contact :
VT Technology Co.,Ltd.
Tel +66 0 2594 5185
contact@vttech.co.th

To see other available Oracle courses
Please go to www.vttech.co.th/course.html

www.vttech.co.th