Learn

From the leaders

Why Solistech?

- Official Course Guide from Oracle Corporation(In name of Candidate)
- Course completion certificate from Oracle Corporation
- On job Training Offered
- Classes conducted by Certified and Experienced Professionals
- Well Equipped Lab and Library
- Examination Discount Voucher

Syllabus

INTRODUCTION TO ORACLE 9i SQL

---

1. Writing Basic SQL SELECT Statements
2. Restricting and Sorting Data
3. Single-Row Functions
4. Displaying data from multiple tables
5. Aggregating Data Using Group Functions
6. Subqueries
7. Producing Readable Output with iSQL*Plus
8. Manipulating Data(DML)
9. Creating and Managing tables(DDL)
10. Constraints
11. Views
12. Sequence, synonyms, indexes
13. Controlling User Access(DCL)
14. Set operators
15. Oracle9i Datetime Functions
16. Advanced grouping
17.Advanced Subqueries
18.Hierarchical Retrieval
19.Oracle9i Extensions toDML and DDL Statements

ORACLE 10g RELEASE 2(10.2.0.1.0) DATABASE ADMINISTRATION

Administration I: (1z0-042)

1 Oracle Database 10g Components and Architecture

1.1 The oracle product family

1.2 relational database concepts

1.3 The oracle architecture

1.4 Installing oracle 10g

2 Creating and Controlling a Database

2.1 The oracle enterprise manager frame work

2.2 using database configuration assistant(dbca)

2.3 managing parameter initialization file

2.4 starting up and shutting down an oracle database

3 Database Storage and Schema Objects

3.1 Identifying segments,extents, and data blocks

3.2 managing tablespaces

3.3 managing datafiles

3.4 working with schema objects

4 Oracle Net Services

4.1 Network design consideration

4.2 Network configuration

4.3 An overview of oracle net features

4.4 Configuring oracle net on the server

4.5 Configuring oracle net on client

5 Oracle Shared Server

5.1 An overview of oracle shared server

5.2 Oracle shared server infrastructure

5.3 Configuring oracle shared server

5.4 Managing shared server

5.5 Tuning the shared server option

6 User Administration and Security

6.1 Creating and managing user accounts,profiles

6.2 Granting and revoking privileges

6.3 Authenticating users

6.4 Controlling resource usage by user

6.5 Applying principles of least privilege

6.6 Implementing standard password security features

6.7 Auditing database activity

7 Managing Data With SQL, PL/SQL, and Utilities

7.1 Manipulating data through SQL

7.2 Identifying PL/SQL objects

7.3 Indexes, views, sequence, synonyms

7.4 Creating directory Objects

7.5 Creating temporary tables

8 Exporting and importing

8.1 Using data pump to export,import data

8.2 table level,schema level, tablespace level exporting,importing

8.3 Migrating objects from one schema to another

8.4 Migrating contents of one tablespace to another

8.5 Loading data with SQL*Loader

9 Managing Consistency and Concurrency

9.1 Understanding Undo segment

9.2 Using undo data

9.3 Monitoring, configuring, administering Undo

9.4 Monitoring locking and resolving lock conflicts

10 Proactive Database Maintenance and Performance Monitoring

10.1 Automatic workload repasitory(AWR)

10.2 Automatic database diagnostic monitor(ADDM)

10.3 ADDM Advisor

10.4 ADDM alerts

10.5 Performance monitoring

11 Implementing Database Backups

11.1 Understanding and configuring recovery components

11.2 performing backups

11.3 User managed backup,server managed backup(RMAN)

11.4 Backing up control files

11.5 Managing backups

12 Implementing Database Recovery

12.1 understanding database failure types

12.2 Keeping an instance from failing

12.3 Recovering from Instance failure

12.4 Tuning instance recovery

12.5 Recovering from user errors

12.6 Recovering from loss of control files

12.7 Recovering from loss of redo log files

12.8 Recovering from loss of a system critical datafiles

12.9 Recovering from loss of a non-system-critical datafile

13 Understanding the Flashback Database

13.1 An Overview of Flashback Technologies

13.2 An Overview of the Flashback Database

13.3 Managing the Flash Recovery Area with Recovery Manager

13.4 Configuring the Flash Recovery Area

13.5 Backing Up the Flash Recovery Area

13.6 Configuring the Flashback Database

13.7 Using the Flashback Database with RMAN

13.8 Using the Flashback Database with Enterprise Manager

Administration II:(1z0-043)

1 Configuring Recovery Manager

1.1 Exploring the features and components of RMAN

1.2 RMAN usage consideration

1.3 RMAN repository and control files

1.4 Starting and connecting to RMAN

1.5 Describing Channel allocation

1.6 Configuring RMAN settings with EM

1.7 Describing retension policies

1.8 Configuring the Control File Autobackup

2 Using Recovery Manager

2.1 RMAN Commands 38

2.2 Backup Sets and Image Copies

2.3 Enabling and Disabling Block Change Tracking

2.4 Managing Backups with Enterprise Manager

2.5 Monitoring RMAN Backups

3 Recovering From Non-Critical Losses

3.1 An Overview of Non-Critical Files

3.2 Creating a New Temporary Tablespace

3.3 Re-creating Redo Log Files

3.4 Recovering an Index Tablespace

3.5 Re-creating the Password File

4 Database Recovery

4.1 Understanding the Restore and Recovery Process

4.2 Server-Managed Recovery

4.3 User-Managed Recovery