

Oracle OCA (Oracle Certified Associate) Bootcamp

Length: 7 Days

Summary: The goal of this seven-day accelerated course is to provide IT professionals with the advanced knowledge and skills necessary to administer the world's leading database systems and applications. This is a performance-based course designed upon the job-related tasks an advanced professional must perform using new or modified features in the Oracle systems.

COURSE CONTENT

DAY 1:

- Retrieving Data Using the SQL SELECT Statement
- Restricting and Sorting Data
- Using Single-Row Functions to Customize Output
- Using Conversion Functions and Conditional Expressions
- Reporting Aggregated Data Using the Group Functions
- Displaying Data from Multiple Tables
- Using Subqueries to Solve Queries
- Using the Set Operators

DAY 2:

- Manipulating Data
- Using DDL Statements to Create and Manage Table
- Creating Other Schema Objects
- Practical Exercises

DAY 3:

- Basic Oracle Concepts
- Installing Oracle Database 10g
- Creating an Oracle Database
- Interfacing with the Oracle Database
- Managing Oracle Processes
- Managing Oracle Storage Structures

DAY 4:

- Administering Users
- Managing Database Objects
- Manipulating Database Data
- Programming Oracle with PL/SQL
- Securing the Database
- Configuring Oracle Networking
- Managing Shared Servers

DAY 5:

- Managing Database Performance
- Monitoring Oracle
- Managing Undo
- Dealing with Locking
- Configuring the Database for Backup and Recovery
- Backing Up Oracle Databases
- Recovering Oracle Databases
- Recovering from User Errors
- Tools for Oracle Database 10g Tuning

DAY 6:

- Managing Globalization in Oracle Databases
- Configuring Security for the Listener

DAY 7:

- Practical Exercises