

Oracle 10g Certification Courses

Oracle Certified Associate (OCA)

This course is your first step towards success as an Oracle professional, designed to give you a firm foundation in basic database administration. In this class, you'll learn how to install and maintain an Oracle database. You will gain a conceptual understanding of the Oracle database architecture and how its components work and interact with one another. You will also learn how to create an operational database and properly manage the various structures in an effective and efficient manner including performance monitoring, database security, user management, and backup/recovery techniques. The lesson topics are reinforced with structured hands-on practices. This course is designed to prepare you for the corresponding Oracle Certified Associate exam.

Learn to:

- Install the Database, Back up and Recover Data, Administer Users
- Transport Data between Databases, Manage Data, Configure the Network

Audience:

- IDatabase Administrators, Sales Consultants, Support Engineer, Project Manager
- Database Designers, Technical Consultant

Course Objectives:

- Install Oracle Database 10g and configure a database, Manage the Oracle instance
- Manage the Database storage structures, Create and administer user accounts
- Perform backup and recovery of a database, Monitor, troubleshoot, and maintain a database
- Configure Oracle Net services, Move data between databases and files

Course Topics:

- Introduction (Database Architecture)
- Creating an Oracle Database
- Managing the Oracle Instance
- Managing the Oracle Instance
- Managing Database Storage Structures
- Administering User Security
- Managing Schema Objects
- Managing Data and Concurrency
- Managing Undo Data
- Implementing Oracle Database Security
- Configuring the Oracle Network Environment
- Proactive Maintenance
- Performance Management
- Backup and Recovery Concepts
- Performing Database Backups
- Performing Database Recovery
- Performing Flashback
- Moving Data

Training Partners:



Learning Solutions
Information Worker Solutions
Networking Infrastructure Solutions



AN ISO 9001: 2000 CERTIFIED ORGANIZATION

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Oracle Certified Professional (OCP)

Oracle DBAs manage the industries most advanced information systems and command some of the highest salaries. This course advances your success as an Oracle professional in the area of database administration.

In this class, you'll learn how to configure an Oracle database for multilingual applications. Students will practice various methods of recovering the database, using RMAN, SQL, and Flashback technology. Tools to monitor database performance and what steps to take to improve database performance are also covered in this course. Students will also learn how to use various database technologies, such as Resource Manager, the Scheduler, and Automatic Storage Management (ASM). The lesson topics are reinforced with structured hands-on practices and a workshop. This course is designed to prepare you for the corresponding Oracle Certified Professional exam.

Audience:

- Database Administrators, Sales Consultants, Support Engineer, Project Manager
- Database Designers, Technical Consultant

Course Objectives:

- Use RMAN to create and manage backup sets and image copies
- Recover the database to a previous point in time
- Use Oracle's Flashback technology to recover your database
- Detect block corruptions and take appropriate measures to correct them
- Use the various Database advisors and views to monitor and improve database performance
- Control database resource usage with the Resource Manager
- Simplify management tasks by using the Scheduler
- Improve the security of the listener
- Review database log files for diagnostic purposes
- Customize language-dependent behavior for the database and individual sessions

Course Topics:

- Using Globalization Support
- Securing the Oracle Listener
- Configuring Recovery Manager
- Using Recovery Manager
- Diagnostic Sources
- Recovering from non-critical losses
- Database Recovery
- Flashback database
- Recovering from User Errors
- Dealing with Database Corruption
- Automatic Database Management
- Monitoring and Managing Storage
- Automatic Storage Management
- Monitoring and Managing Memory
- Managing Resources
- Automating Tasks with the Scheduler

Details:

Oracle Certified Associate (OCA) – one paper Exam required

Exam No. 1ZO-042 (Oracle Database 10g: Administration I)

Oracle Certified Professional (OCP) – Two paper Exam required

Exam No. 1ZO-042 (Oracle Database 10g: Administration I)
1ZO-043 (Oracle Database 10g: Administration Workshop II)

- Exam Delivered at: Authorized Prometric Testing Centers
- Exam Fee: \$ 125.00 per paper