ORACLE UNIVERSITY

ORACLE DATABASE 11G TRAINING

Oracle University provides extensive Oracle Database training and distinguished certifications in Oracle Database Administration (DBA), SQL programming language, Oracle Real Application Clusters (RAC) and Grid Infrastructure Administration. Whether you are a beginner or an experienced database administrator, get the necessary skills and knowledge to increase your DBA productivity on Oracle Database, the Database leader*.1

Recommended Oracle Database 11g Learning Paths

We recommend starting with the Oracle Database: Introduction to SQL class before attending the Oracle Database 11g courses. For details on the Oracle Database 11g learning paths, visit oracle.com/education/database.

Featured Courses

Oracle Database: Introduction to SQL (5 days) trains you on the basic concepts of relational databases – how to write subqueries, combine multiple queries into a single query using SET operators, report aggregated data using group functions, and control privileges at the object and system level. You will learn to create indexes and constraints, and alter existing schema objects. This course is a combination of Oracle Database: SQL Fundamentals I and Oracle Database: SQL Fundamentals II courses.

Oracle Database 11g: Administration Workshop I (5 days) is designed to provide you a firm foundation in basic administration of Oracle Database 11g, specifically installing and maintaining an operational database. You learn how to properly manage the various structures effectively and efficiently including performance monitoring, database security, user management, and backup/recovery techniques.

Oracle Database 11g: Administration Workshop II (5 days) takes the database administrator beyond the basic tasks covered in Workshop I. You will gain a much deeper understanding of possibly the most important job of a DBA – backup and recovery. You will learn how to define and test your own backup and recovery scenarios, how to manage memory effectively, and how to perform performance evaluation and tuning tasks.

Oracle Database 11g: RAC and Grid Infrastructure Administration Accelerated (5 days) is an intensive course that focuses on Oracle Grid Infrastructure products, including: Oracle Automatic Storage Manager (ASM), ASM Cluster File System (ACFS), and Oracle Clusterware. You will learn to administer ASM, ACFS, the Oracle Clusterware and storage products using both command line utilities and graphical tools. Plus, you’ll learn about RAC database administration in the Oracle Grid Infrastructure environment, and how to administer cluster databases using Enterprise Manager and command-line utilities This is an accelerated course, covering seven days’ of content in only five days.

Oracle Database 11g: New Features for Administrators (5 days) gives students the opportunity to learn about and practice with the new change management features and other

1*Source: Gartner 2011 Worldwide RDBMS Market Share Reports
key enhancements in Oracle Database 11g Release 1 and Release 2. Topics covered include the benefits and use of the new features in managing change, diagnosing and recovering from problems, ensuring high availability, improving scalability and performance, strengthening security, and several other areas of particular interest to database administrators.

**Exadata and Database Machine Administration (4 days)** Students will learn the key capabilities and features of Exadata Database Machine and Exadata Storage Server. You will also learn how to maintain, monitor, and optimize Exadata Database Machine after installation and initial configuration. Migration best practices will be covered in the class to help students migrate their current databases to Exadata Database Machine.

**Oracle Database 11g: Performance Tuning (5 days)** will proceed through the steps a DBA performs to acquire the information needed to identify problem areas, to diagnose common problems, and remedy those problems. You will learn how to use tuning features such as Automatic Workload Repository, SQL Performance Analyzer, and SQL Access Advisor.

**Oracle Database 11g: SQL Tuning Workshop (3 days)** will help database developers, DBAs, and SQL developers to identify and tune inefficient SQL statement. It covers investigative methods to reveal varying levels of detail about how the Oracle database executes the SQL statement. Students will learn to Automatic SQL Tuning tools and resources available in the Automatic Workload Repository.

**Oracle Database 11g: Data Guard Administration (4 days)** will teach students how to use Oracle Data Guard to help protect their Oracle database against planned and unplanned downtimes. They also learn how Data Guard standby databases can be used to support production functions such as reporting, querying, and testing, while in a standby role.

**100% Student Satisfaction**

Oracle University is committed to providing every student with world-class training and an unbeatable educational experience. We are so confident of your success that we back up our training with our 100% Student Satisfaction Program. No other IT training organization offers a similar guarantee. Complete details and policies are at oracle.com/education/100percent.

**Oracle Database Certification**

**The Value of Certification:** Oracle Database certifications are tangible, industry-recognized benchmarks of experience and expertise. Our certifications can accelerate professional development, improve productivity, and enhance credibility. Pursue your certification paths at oracle.com/education/certification.

**Save with a Certification Value Package:** Save up to 20% and get an extra chance to pass your exam with our all-in-one Oracle Database certification packages. Choose the package that matches your learning preference (available in instructor-led, On Demand and Self-Study formats). Each package provides training, a certification voucher with an exam re-take. Select your package at oracle.com/education/packages.

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**Hardware and Software, Engineered to Work Together**