

# Introduction

There is high demand for professionals in the information technology (IT) industry, and Oracle certifications are the hottest credentials in the database world. You have made the right decision to pursue your Oracle certification, because achieving it will give you a distinct advantage in this highly competitive market. Most of you should already be familiar with Oracle and need no introduction to the Oracle database world. Here's some information for those who aren't. Oracle, founded in 1977, sold the first commercial relational database and is now the world's leading database company and second-largest independent software company, with revenues of more than \$10 billion, serving more than 145 countries.

Oracle databases are the defacto standard for large Internet sites, and Oracle advertisers are boastful but honest when they proclaim, "The Internet Runs on Oracle." Almost all big Internet sites run Oracle databases. Oracle's penetration of the database market runs deep and is not limited to dot-com implementations. Enterprise resource planning (ERP) application suites, data warehouses, and custom applications at many companies rely on Oracle. The demand for DBA resources remains higher than others during weak economic times. This training is intended to help you pass the Oracle Database 10g: Administration I exam, which will establish your credentials as an Oracle Database Administrator. The OCA certification is a prerequisite to obtaining the more comprehensive Oracle Certified Professional (OCP) certification and is the first step toward obtaining an Oracle Certified Master (OCM) certification.

## Why Become Oracle Certified?

The number one reason to become an OCA or OCP is to gain more visibility and greater access to the industry's most challenging opportunities. Oracle certification is the best way to demonstrate

your knowledge and skills in Oracle database systems. Certification is proof of your knowledge and shows that you have the skills required to support Oracle core products. The Oracle certification program can help a company identify proven performers who have demonstrated their skills and who can support the company's investment in Oracle technology. It demonstrates that you have a solid understanding of your job role and the Oracle products used in that role. OCPs are among the best paid in the IT industry. Salary surveys consistently show the OCP certification to yield higher salaries than other certifications, including Microsoft, Novell, and Cisco.

So whether you are beginning your career, changing your career, or looking to secure your position as a DBA, this training is for you!

## Oracle Certifications

Oracle certifications follow a track that is oriented toward a job role. There are database administrations,

application developer, and web application server administrator tracks. Within each track, Oracle has a multitiered certification program.

Within the administration track, there are three tiers: The first tier is the Oracle 10g Certified Associate (OCA). To obtain OCA certification, you must pass the 1Z0-042 Oracle Database 10g: Administration I exam in a proctored setting. The second tier is the Oracle 10g Certified Professional (OCP), which builds on and requires OCA certification. To obtain OCP certification, you must attend an approved Oracle University hands-on class (which you could do at GNT since we are member partners of the Oracle Partner Network) and pass the 1Z0-043 Oracle Database 10g Administration II exam in a proctored setting. The third and highest tier is the Oracle 10g Certified Master (OCM), which builds on and requires OCP certification. To obtain OCM certification, you must attend advanced-level classes and take a two-day, hands-on practical exam.

## Oracle DBA Certification

The role of the DBA has become a key to success in today's highly complex database systems. The best DBAs work behind the scenes, but are in the spotlight when critical issues arise. They plan, create,

maintain, and ensure that the database is available for the business. They are always watching the database for performance issues and to prevent unscheduled downtime. The DBA's job requires

broad understanding of the architecture of Oracle database and expertise in solving problems. Because this training focuses on the DBA track, we will take a closer look at the tiers of the

DBA track.

## Oracle Database 10g Administrator Certified Associate

The Oracle 10g Administrator Certified Associate (OCA) certification is a streamlined, entry level certification for the database administration track and is required to advance toward the more senior certification tiers. This certification requires you to pass one exam that demonstrates your knowledge of Oracle basics: 1Z0-042 Oracle Database 10g: Administration I Introduction

## Oracle Database 10g Administrator Certified Professional

The OCP tier of the database administration track challenges you to demonstrate your enhanced experience and knowledge of Oracle technologies. The Oracle 10g Administrator Certified Professional

(OCP) certification requires achievement of the OCA certification, attendance at one or more approved Oracle University classes, and successful completion of the following exam:

1Z0-043 Oracle Database 10g : Administration II

The approved courses for OCP candidates include the following:

Oracle Database 10g: Administration I, Oracle Database 10g: Administration II, Oracle Database 10g: Introduction to SQL,

Oracle Database 10g: New Features for Administrators.  
Database 10g: Program with PL/SQL If you already have your OCP in 9 or earlier and have elected to take the upgrade path, you are not required to take the Oracle University class to obtain your OCP for Oracle 10g

### **Oracle Database 10g Certified Master**

The Oracle Database 10g Administration Certified Master (OCM) is the highest level of certification that Oracle offers. To become a certified master, you must first obtain OCP certification, then complete advanced-level classes at an Oracle Education facility, and finally pass a hands-on, two-day exam at an Oracle Education facility. The classes and practicum exam are offered only at an Oracle Education facility and may require travel.

More details on the required coursework will be available in late 2004.

### **Oracle Database 10g Administrator Special Accreditations**

New to the Oracle certification program are the Oracle Database 10g Administrator Special Accreditation programs. These accreditations formally recognize the specialized knowledge of OCPs in particular database administration areas such as high availability, security, and 10g Grid Control. OCPs who pass one of these special accreditation exams receive a certificate that formally recognizes their special competency.

# **ALL YOU NEED IN A RELATIONAL DATABASE MANAGEMENT SYSTEM**

# **ORACLE 10g**

## **DATABASE ADMINISTRATION**

