

## Oracle Database 11g: Administration Workshop I (D17090GC30)

**Duration: 5 Days**    **Course Code: O11GAWS1**

### Overview:

This course is designed to give students a firm foundation in basic administration of Oracle Database 11g. In this class, students learn how to install and maintain Oracle Database 11g. Students gain a conceptual understanding of the Oracle database architecture and how its components work and interact with one another. Students 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.

Manage storage structures  
Backup and Recovery  
Install and configure an Oracle database

### Target Audience:

Database Administrators Support Engineer Developer Technical Administrator Database Designers

### Objectives:

- Describe Oracle Database Architecture
- Install and configure Oracle Database 11g
- Configure Oracle Net services
- Manage the database storage structures
- Create and administer user accounts
- Perform basic backup and recovery of a database
- Manage users and schemas
- Manage data and concurrency
- Monitor and administer undo data
- Backup and recover a database
- Monitor performance
- Use the database diagnostic monitor

### Prerequisites:

- Required Prerequisites:  
Working knowledge of SQL
- Suggested Prerequisites:  
Oracle Database 11g: Introduction to SQL

### Content:

- |  |   |                                   |
|--|---|-----------------------------------|
| ■ Exploring the Oracle Database Architecture | ■ Administering User Security           | ■ Performance Management          |
| ■ Preparing the Database Environment         | ■ Managing Schema Objects               | ■ Backup and Recovery Concepts    |
| ■ Creating an Oracle Database                | ■ Managing Data and Concurrency         | ■ Performing Database Backups     |
| ■ Managing the Oracle Instance               | ■ Managing Undo Data                    | ■ Performing Database Recovery    |
| ■ Configuring the Oracle Network Environment | ■ Implementing Oracle Database Security | ■ Moving Data                     |
| ■ Managing Database Storage Structures       | ■ Database Maintenance                  | ■ Enhancing Database Capabilities |

## Further Information:

For More information, or to book your course, please call us on +254 713 027 191

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