

ORACLE DATABASE 11G: ADMINISTRATION WORKSHOP II (D17092GC30)

DURATION: **5 DAYS**

COURSE OVERVIEW

1. In this course, the concepts and architecture that support backup and recovery, along with the steps of how to carry it out in various ways and situations, are covered in detail. This includes how to define and test your own backup and recovery scenarios.
2. Also, the students learn to manage memory effectively and to perform some performance evaluation and tuning tasks, including using some of the advisors. All types of flashback technologies, scheduling jobs inside and outside of the database, and controlling system resource usage are covered. Topics are reinforced with hands-on practices.
3. Back up and recover a database using RMAN and Enterprise Manager
4. Configure Oracle Database for optimal recovery for any environment
5. Identify burdensome database sessions and poorly performing SQL
6. Configure the database instance such that resources are allocated among sessions and tasks appropriately Schedule jobs to run inside or outside of the database

TARGET AUDIENCE

1. Database Administrators
2. Data Warehouse Administrator
3. Technical Consultant
4. Support Engineer

COURSE OBJECTIVES

1. Back up and recover a database
2. Configure Oracle Database for optimal recovery
3. Administer ASM disk groups
4. Use an RMAN backup to duplicate a database
5. Automating Tasks with the Scheduler

COURSE CONTENT

1. Database Architecture and ASM
2. Configuring for Recoverability
3. Using the RMAN Recovery Catalog
4. Configuring Backup Specifications
5. Creating Backups
6. Performing User-Managed Backup and Recovery

7. Using RMAN to Perform Recovery
8. Using RMAN to Duplicate a Database
9. Performing Tablespace Point-in-time Recovery
10. Monitoring and Tuning RMAN
11. Using Flashback Technology
12. Using Flashback Database
13. Diagnosing the Database
14. Managing Memory
15. Managing Database Performance
16. Using the Segment Advisor
17. Managing Resources
18. Automating Tasks with the Scheduler
19. Administering the Scheduler
20. Globalization

COURSE PREREQUISITES

Oracle Database 11g: Administration Workshop I