

# ORACLE® 11g

## Database

### Backup and Recovery Workshop



#### Course Description:

In this course, you will be able to evaluate your own recovery requirements and develop an appropriate strategy for backup and recovery procedures. This course reviews the backup and recovery techniques that are discussed in the Oracle Database 11g: Administration Workshop I and II courses, and examines various backup, failure, restore, and recovery scenarios. Students are expected to have some knowledge of Recovery Manager (RMAN) and Enterprise Manager, as they will use RMAN and Enterprise Manager to perform backup and recovery operations. Flashback features are also described as an additional way to recover from various errors.

#### What you will learn?

- Develop appropriate backup and recovery procedures to address your business needs.
- Employ Oracle Database recovery procedures to recover from media failure. Use
- Flashback Technologies to complement backup and recovery procedures.

#### What Skills are covered in this Course?

- Perform table space point-in-time recovery
- Describe the Oracle Database architecture components related to backup and recovery operations
- Describe additional high availability features such as Oracle Data Guard and Oracle Secure Backup
- Plan effective backup and recovery procedures
- Describe Oracle Database backup methods and recovery operations that can be used to resolve database failure
- Configure the database for recoverability
- Use Recovery Manager (RMAN) to create backups and perform recovery operations
- Use the Data Recovery Advisor to diagnose and repair failures
- Use Oracle Flashback Technologies to recover from human error
- Perform an encrypted database backup and restore

#### Course Contents:

- Introduction
- Using Recovery Manager (RMAN) and Enterprise Manager
- Configuring for Recoverability
- Using the RMAN Recovery Catalog
- Backup Concepts and Strategies
- Creating Backups
- Restore and Recovery Concepts
- Using Data Recovery Advisor
- Performing Recovery
- Using Flashback Technologies
- Flashback Database
- RMAN Performance and Tuning
- Backup and Recovery Workshop Scenarios

#### Prerequisites:

- Knowledge of Oracle Database administration
- Oracle Database 11g: Administration Workshop I Release 2
- Oracle Database 11g: Administration Workshop II Release 2

#### Target Group:

- Database Administrators
- Technical Administrator
- Technical Consultant