

ORA800 - Oracle8i Database Backup and Recovery

Backup and Recover an Oracle Database

Hands-on **2 day course**

Course Description

Plan and implement an effective database backup and recovery strategy. Develop a strategy to support 24-hour operations. Develop a recovery plan to minimize down time. Gain practical hands-on experience.

You Learn to...

- Define Oracle8 Architectural Issues for Backup and Recovery
- Understand ARCHIVELOG and NOARCHIVELOG mode
- Enable Archiving
- Understand Implications of 24-Hour Operations
- Perform Hot/Cold Backup and Recovery
- Utilize the Export and Import Utilities
- Implement Recovery Manager (RMAN)
- Create Recovery Catalog
- Configure Standby Database

Who Needs to Attend

- Data Analysts
- Data Administrators
- System Administrators
- Developers
- Support Staff

Prerequisites:

You must have knowledge of Oracle Database Administration or attend the Oracle8i Database Administration course.

Follow-On Courses

- Oracle8i Database Performance Tuning
- Oracle8i Networking



Global Business Solutions, Inc.
Toll Free: 877-446-4274

Course Content:

1. Database Backup and Recovery Overview

- Backup & Recovery Methods

2. Recovery Structures and Processes

- SQL Statement Processing
- Shared Pool
- Block Cache
- Database Writer
- Log Writer
- Redo Log Files
- Database Checkpoint
- Archiver Process

3. Failure Scenarios

- Statement Failure
- Process Failure
- Media Failure
- Backup & Recovery Methods

4. Cold Backup and Recovery

- Cold Backup Procedures
- Identify Database Files
- Perform Cold Backup
- Cold Recovery Procedures
- NOARCHIVELOG Mode

5. Prepare for Archive

- Manage Archive Mode
- Enable Archive Process
- Disable Archive Process
- Alter System Command

6. Understanding Recovery

- Recovery Procedures
- Complete Backup and Recovery

7. Hot Backup and Recovery

- ARCHIVELOG Mode
- Hot Backup Data /Control files
- Hot Recovery
- Minimize Down Time

8. Incomplete Recovery

- Reasons for Incomplete Recovery
- Incomplete Recovery Types
- Open Incomplete Recovered Database

9. Export and Import Utilities

- Export Mode
- Export Type
- Export Parameters
- Export Backup Modes
- Import Mode
- Import Parameters
- Recovery Using Import

10. Recovery Manager (RMAN)

- RMAN Features
- RMAN Components
- Create Recovery Catalog
- Space Management
- RMAN Command Language

11. RMAN Maintenance

- Register Target Database
- Synchronization
- Catalog Reporting
- Create and Run Scripts
- Dictionary Views

12. RMAN Incremental and Cumulative Backups

- Channel Allocation
- Image Copy
- Backup Sets
- Backup Types
- Backup Considerations
- Identifying Problems

13. Recover and Restore using RMAN

- RMAN Restore
- RMAN Tablespace Recovery
- Restore and Recover Datafile
- Incomplete Recovery



Global Business Solutions, Inc.
Toll Free: 877-446-4274

14. Standby Database

- Features
- Requirements
- Create a Standby
- Maintain a Standby
- Activate a Standby
- Standby Database Process



Global Business Solutions, Inc.
Toll Free: 877-446-4274