

Oracle Database 11g Backup and Recovery

Course Duration: 3 Days

Target Audience: L2/L3 Support Oracle DBA

Pre-Requisites

Knowledge of Oracle Basic Concepts and Installation

Day 1:

Backup and Recovery Concepts :

- Part of Your Job
- Statement Failure
- User Error
- Understanding Instance Recovery
- Phases of Instance Recovery
- Using the MTTR Advisor
- Media Failure
- Archive Log Files

Performing Database Backups :

- Backup Solutions: Overview
- Oracle Secure Backup
- User-Managed Backup
- Terminology
- Recovery Manager (RMAN)
- Configuring Backup Settings
- Backing Up the Control File to a Trace File
- Monitoring the Flash Recovery Area

Day 2:

Performing Database Recovery :

- Opening a Database
- Data Recovery Advisor
- Loss of a Control File
- Loss of a Redo Log File
- Data Recovery Advisor
- Data Failures
- Listing Data Failures
- Data Recovery Advisor Views



Moving Data

- Describe ways to move data
- Create and use directory objects
- Use SQL*Loader to move data
- Use external tables to move data
- General architecture of Oracle Data Pump
- Use Data Pump export and import to move data

Day 3:

Recovery and Migration using RMAN

- Using Catalog and No Catalog Methods
- Several Real-Time Recovery Scenarios
- Using Virtual Private Catalog
- Cloning Database using RMAN
- Upgrading and Moving Recovery Catalog with Import Catalog Command
- Cross-Platform Migration from Window to Linux and Vice Versa using RMAN

Working with Support

- Use the Enterprise Manager Support Workbench
- Work with Oracle Support
- Log service requests (SR)
- Manage patches