

Oracle Database 10g DBA - Part II

5 days

Delegates:

This course is designed for database administrators and technical support staff who are required to plan and implement database backup and recovery strategies for Oracle10g databases. This course is also suitable for delegates who need to be able to monitor and improve the database performance.

Objectives:

This course introduces delegates to the main concepts of Oracle backup and recovery. They will learn how to plan and implement a backup and recovery strategy using operating system backups, the import and export utilities and Recovery Manager. Delegates will learn how to monitor and improve database performance. They will also learn how to control database resources using Resource Manager, automate tasks with the Scheduler and use Automatic Storage Management (ASM). This course covers the main topics of the Oracle exam #1Z1-043 Oracle Database 10g: Administration II.

Topics Covered:

- Plan a Backup Strategy
- Plan a Disaster Recovery Strategy
- Alter a Database to Archivelog and No Archivelog Modes
- Online and Offline Backups
- Complete and Incomplete Database Recovery
- Recover a Database from Non-Critical Losses
- Perform Logical Backups with Export and Import Utilities
- Use RMAN to Perform Backups And Restore
- Use Flashback Technology to Recover a Database
- Use Flashback to Recover From User Errors
- Database Corruption
- Load Data into a Database
- Diagnostic Sources
- Use Automatic Database Management
- Monitor and Manage Storage
- Use Automatic Storage Management
- Monitor and Manage Memory
- Control Database Resources Using Resource Manager
- Automate Management Tasks with the Scheduler
- Secure the Oracle Listener
- Use Globalisation Support

Requirements:

A working knowledge of Oracle SQL*Plus and Oracle Database Administration. This can be gained by attendance on the Oracle SQL*Plus, and the Oracle Database 10g DBA - Part I courses. Knowledge of PL/SQL would be beneficial.

Note:

Before taking any exam, ensure you have the recommended experience.

Pre-Requisites Courses:

- SQL
- Oracle Database 10g DBA - Part I

Follow-On Courses:

- Oracle 10g Application Server Administration