

Oracle Database 10g DBA - Part I

5 days

Delegates:

Anyone who needs to administer, monitor and support an Oracle 10g database.

Objectives:

This course is designed to give database administrators the knowledge and skills needed to maintain successful and efficient day-to-day operations of an Oracle database. The Oracle database administrator will gain practical experience in setting up, administering and troubleshooting an Oracle 10g database. Database administrators will gain an understanding of the architecture and processes of the Oracle server. They will be able to ensure the integrity and availability of a company's data within the Oracle environment. This course covers the main topics of the Oracle exam #1Z1-042 Oracle Database 10g: Administration I.

Topics Covered:

- Installing and Configuring Oracle
- Creating and Managing an Oracle database
- Administering an Oracle database
- Configuring the Oracle Network Environment
- Configuring Shared Servers
- Creating and Managing Database Storage Structures
- Managing Redo Log Files and Control Files
- Managing Schema Objects
- Managing Users, Profiles, Privileges and Roles
- Managing Undo Data and Temporary Segments
- Monitoring and Resolving Lock Conflicts
- Maintaining Database Security
- Monitoring the Performance of the Database
- Loading and Unloading Data
- Backing up and Recovering the Database

Requirements:

A working knowledge of SQL*Plus is required. This can be gained by attendance on the pre-requisite course. Knowledge of PL/SQL would be beneficial.

Pre-Requisites Courses:

- SQL

Follow-On Courses:

- Oracle Database 10g DBA - Part II