Oracle Database 12c: Administration Workshop (40-48 hrs.)

The Oracle Database 12c: Administration Workshop course is designed to provide you with a firm foundation in administration of an Oracle Database. In this course you will gain a conceptual understanding of Oracle Database architecture and learn how to manage an Oracle Database in an effective and efficient manner. This course covers Oracle Database Concepts.

Learn To:

Manage an Oracle Database instance. / Configure the Oracle Network environment. / Create and manage storage structures. / Manage and move data. / Create and manage users. / Monitor the database and manage performance. / Create and manage Database as a Cloud Service database deployments.

Benefits to You:

You will benefit from this course as you learn detailed information on the architecture of an Oracle Database instance and database, enabling you to effectively manage your database resources. You learn how to create database storage structures appropriate for the business applications supported by your database. In addition you learn how to create users and administer database security to meet your business requirements. Basic information on backup and recovery techniques is presented in this course. To provide an acceptable response time to users and manage resources effectively, you learn how to monitor your database and manage performance

Required Prerequisites :

A working knowledge of SQL and PL/SQL packages is very helpful in the course.

Suggested Prerequisites:

Basic knowledge of Linux operating system

Audience

Data Warehouse Administrator
Database Administrators
Database Designers
Support Engineer
Technical Administrator

Course Topics:

- Introduction
- Exploring Oracle Database Architecture
- Oracle database Management tools
- Managing the Database Instance
- Configuring the Oracle Network Environment
- Administering User Security
- Managing Database Storage Structures
- Managing Space
- Managing Undo Data
- Managing Data Concurrency
- Implementing Oracle Database Auditing
- Backup and Recovery: Concept
- Backup and Recovery: Configuration
- Performing Database Backups
- Performing Database Recovery
- Moving Data
- Database Maintenance
- Managing Performance
- Managing Performance: SQL Tuning
- Using Database Resource Managing
- Using Oracle Scheduler to Automate Tasks