Oracle Database19c: Administration Workshop
Duration: 5 Days

Description

In this oracle certification will learn about Oracle database administrator practical experience in administering, monitoring, tuning and troubleshooting an Oracle database.

Through a blend of hands-on labs and interactive lectures you will 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.

Target Audience:

This Oracle Database 19c Administration course is for anyone who needs to administer, monitor and support an Oracle database.

Learning Objectives:

After completing this course, you will be able to you have knowledge required to maintain successful and efficient day-to-day operations of an Oracle database. The delegate will gain practical experience in administering and monitoring an Oracle database.

Benefits to you

Describe Oracle Database architecture

- Describe Oracle Database Cloud Service (DBCS) architecture and features
- Create and manage DBCS database deployments
- Configure the database to support your applications
- Manage database security and implement auditing
- Implement basic backup and recovery procedures
- Move data between databases and files
- Employ basic monitoring procedures and manage performance

Course Prerequisites

- Should have an understanding of relational database concepts and good operating system knowledge.
- Should have attended the Oracle SQL course or have a good working knowledge of Oracle SQL.

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Your will learn:

Module 1: Introduction to Oracle Database
Module 2: Accessing an Oracle Database
Module 3: Creating an Oracle Database by Using DBCA
Module 4: Creating an Oracle Database by Using a SQL Command
Module 5: Starting Up and Shutting Down a Database Instance
Module 6: Managing Database Instances
Module 7: Oracle Net Services: Overview
Module 8: Configuring Naming Methods
Module 9: Configuring and Administering the Listener
Module 10: Configuring a Shared Server Architecture
Module 11: Configuring Oracle Connection Manager for Multiplexing and Access Control
Module 12: Creating PDBs from Seed
Module 13: Using Other Techniques to Create PDBs
Module 14: Managing PDBs
Module 15: Database Storage Overview
Module 16: Creating and Managing Tablespaces
Module 17: Improving Space Usage
Module 18: Managing Undo Data
Module 19: Creating and Managing User Accounts
Module 20: Configuring Privilege and Role Authorization
Module 21: Configuring User Resource Limits
Module 22: Implementing Oracle Database Auditing
Module 23: Introduction to Loading and Transporting Data
Module 24: Loading Data
Module 25: Transporting Data
Module 26: Using External Tables to Load and Transport Data
Module 27: Automated Maintenance Tasks: Overview
Module 28: Automated Maintenance Tasks: Managing Tasks and Windows
Module 29: Database Monitoring and Tuning Performance Overview
Module 30: Monitoring Database Performance
Module 31: Database Processes
Module 32: Managing Memory
Module 33: Analyzing SQL and Optimizing Access Paths