

DATABASE ADMINISTRATION CERTIFICATION TRACK [ODBA]

This Program has been designed to give you the necessary skills to excel as Database Administrator (DBA)

Database Administrator (DBA) curriculum offers you the opportunity to acquire a combination of both operating system and Database Administration skills, making you more competitive as an employable professional.

Given the demand for professionals with these skills, with this program, you are well on your way to a great career to it. DBA program also gives you an ideal opportunity to practice what you have learned through real life case studies.

The Oracle Database 12c: Administration Workshop will teach you about the Oracle Database architecture. You will discover how to effectively manage an Oracle Database instance, configure the Oracle Network Environment and perform database maintenance.

Learn To:

- Create and manage an Oracle Database Instance.
- Create and manage Storage Structures.
- Configure the Oracle Network Environment.
- Create and manage users.
- Monitor the database and manage performance.
- Learn basic information on backup and recovery techniques.
- Use the Oracle Support Workbench and My Oracle Support to update your Oracle Database software.

Benefits to You

Ensure fast, reliable, secure and easy to manage performance. Optimize database workloads, lower IT costs and deliver a higher quality of service by enabling consolidation onto database clouds.

Participate in Hands-On Practices and Demonstrations

Expert instruction and hands-on demonstrations will provide you with real world experience. By engaging in hands-on exercises to reinforce your learning, you'll develop in demand skills to effectively manage an Oracle



Database.

Required Prerequisites:

- Working knowledge of SQL and use of PL/SQL packages
- Basic knowledge of Linux operating system

Oracle 12c SQL Workshop 1

[24 Hours]

- Introduction
- Retrieving Data using the SQL SELECT Statement
- Restricting and Sorting Data
- Using Single-Row Functions to Customize Output
- Using Conversion Functions and Conditional Expressions
- Reporting Aggregated Data Using the Group Functions
- Displaying Data from Multiple Tables Using Joins
- Using Sub queries to Solve Queries
- Using the SET Operators
- Managing Tables using DML statements
- Introduction to Data Definition Language

Oracle 12c SQL Workshop 11

[24Hours]

- Introduction
- Introduction to Data Dictionary Views
- Creating Sequences, Synonyms, Indexes
- Creating Views
- Managing Schema Objects
- Retrieving Data by Using Sub queries
- Manipulating Data by Using Sub queries
- Controlling User Access
- Manipulating Data
- Managing Data in Different Time Zones



Authorized Training & Placement Center

ISQLGLOBAL – No.44, Nungambakkam High Road, Chennai -600 034.

Phone : 9444715658

DATABASE ADMINISTRATION CERTIFICATION TRACK [ODBA]

Database Administration Workshop [56 Hours]

- Introduction
- Exploring the Oracle Database Architecture
- Managing the Database Instance
- Configuring the Oracle Network Environment
- Managing Database Storage Structures
- Administering User Security
- Managing Data Concurrency
- Managing Undo Data
- Implementing Oracle Database Auditing
- Performing Database Maintenance
- Managing Performance
- Managing Performance: SQL Tuning
- Managing Resources by Using Database Resource Manager
- Automating Tasks by Using Oracle Scheduler
- Managing Space
- Backup and Recovery Concepts
- Moving Data
- Working with Oracle Support

Install and Upgrade Workshop [4 Hours]

- Installing Oracle Database Software
- Creating an Oracle Database by Using DBCA
- Using Oracle Restart

Backup and Recovery Workshop [40 Hours]

- Introduction Getting Started
- Configuring for Recover-ability
- Using the RMAN Recovery Catalog
- Backup Strategies and Terminology
- Performing Backups
- Improving Your Backups using RMAN-Encrypted Backups
- Diagnosing Database Failures
- Restore and Recovery Concepts
- Performing Recovery, Part 1
- Performing Recovery, Part 2
- RMAN and Oracle Secure Backup
- Performing Tape Backups and Restores
- Using Flashback Technologies
- Using Flashback Database
- Managing Backup Space or Transporting Data
- Duplicating a Database
- RMAN Performance and Tuning
- Backup and Recovery Workshop

Managing Multi tenant Architecture [16 Hours]

- Introduction
- Container and Pluggable Database Architecture
- CDB and PDB Creation
- Managing a CDB and PDBs
- Managing Storage in a CDB and PDBs
- Managing Security in a CDB and PDBs
- Managing Availability
- Managing Performance
- Miscellaneous

Global Certification Details

OCA- Database19c SQL Certified Associate

1Z0-071 – Oracle Database SQL

OCP- Database19c Administrator Certified Professional

1Z0-082 – Oracle Database Administration 1

1Z0-083 – Oracle Database Administration 2

(* Oracle Database Administration 2019 Certified Professional

* Oracle Database Administration 2019 Certified Professional (Upgrade from 10g, 11g, 12c, 12cR2 OCP))

Duration

164 Hrs



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