



ORACLE®

## ORACLE DATABASE 19C ADMINISTRATOR - 1Z0-083

### Training Program

### Complete OCP Track Training

100,000+ Students  
have been Trained

since  
1997

Program is  
offered by

3D EDUCATORS  
22 Years of  
Excellence in  
Training &  
Development  
INTL

Invest in  
People the  
only Asset  
that Appreciates

# ORACLE DATABASE 19c DBA II Training

100,000+ Students  
have been Trained

since  
1997

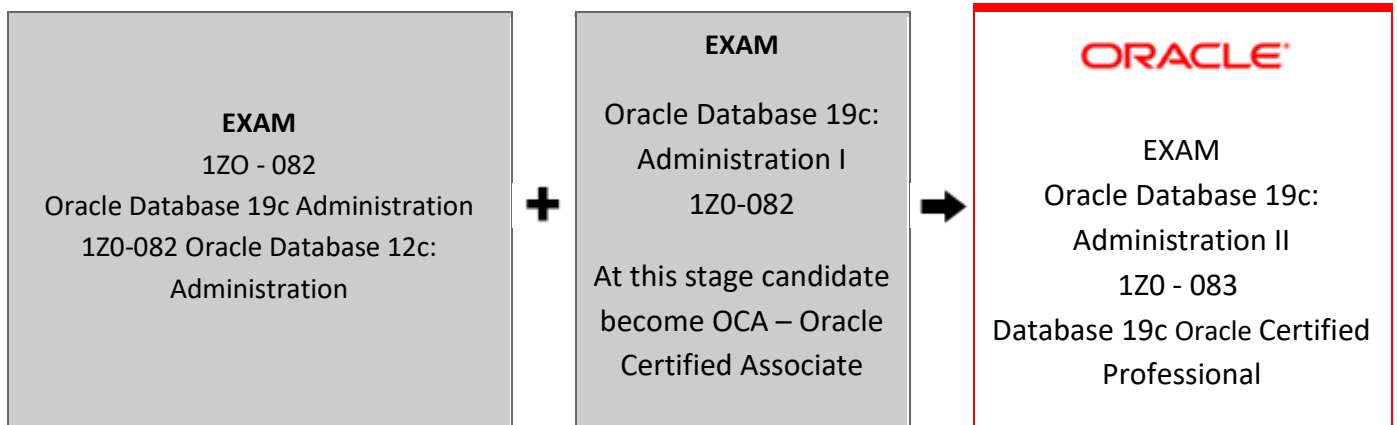


Preparing to earn the Oracle Database Administration 2019 Certified Professional certification helps candidates gain the skills and knowledge to install, patch and upgrade Oracle Database and Oracle Grid Infrastructure for a standalone server, create and manage a backup and recovery strategy using Recovery Manager (RMAN), use RMAN for Database duplication and transportation, diagnose failures using RMAN, and manage all aspects of Multitenant container databases, pluggable databases and application containers including creation, cloning, security, transportation and backup and recovery.

The Administration I exam and recommended training focus on fundamental Database Administration topics such as understanding the database architecture, managing database instances, managing users, roles and privileges, and managing storage that lay the foundation for a Database Administrator entry-level job role. Additionally, the Admin I exam assumes knowledge of SQL. The Administration II exam and associated recommended training presents advanced topics such as multi-tenancy, backup and recovery, deploying, patching, and upgrading.

## Certification Details

- **Credential Awarded:** Oracle Database Administration 2019 Certified Professional
- **Exam Numbers:** 1Z0-082 & 1Z0-083
- **Target Audience:** Oracle Database Administrators
- **Platform:** Delivered via Pearson VUE
- **Digital Badge:** Oracle Certified Professional – 2019 Database Administrator



## PATH TO GET OCA



# ORACLE DATABASE 19c DBA II Training

100,000+ Students  
have been Trained

since  
1997



## Table of Content

Detail

Inauguration

Structure

Topics & Time Allocation

About the Program Designer & Instructor

Syllabus



100,000+ Students  
have been Trained

since  
1997



## ORACLE DATABASE 19c DBA II Training

# Program Details

### Inauguration

The Training Program will be inaugurated by a senior member of 3D EDUCATORS

### Program Structure

No of classes per week **01 - Class**  
Duration of each class **3 - Hour**

### Other Learning Activities

Classroom Assignment	<b>6</b>
Presentations by Trainees	<b>1</b>
Hands on Training	<b>15 Hours</b>
Interactive Training with server Technologies	<b>15 Hours</b>

**In Affiliation with**



# ORACLE DATABASE 19c DBA II Training

100,000+ Students  
have been Trained

since  
1997



## PROGRAM TOPICS AND TIME ALLOCATION

The participants will cover the following syllabus:

Program Areas Covered
Architecture
Installing the Oracle Database Software
Creating an Oracle Database
Managing the Oracle Instance
Managing Database Storage Structures
Administering User Security
Implementing Oracle Database Security
Proactive Maintenance
Backup and Recovery Concepts
Performing Database Backup
Moving Data

## About the Program Instructor

The “19c DBA Administrator” training program has designed by Oracle and the 3D-Educators – Trainers and Consultants is conducting the classes accordingly.

The “19c DBA Administrator” Program has been conducted by senior certified and qualified I.T. professionals, who having the huge experience of training and implementation of 19c. They have been worked with various large commercial banks, Private, Multinational and public sector companies.

They trainers are foreign qualified and having the degrees of MBA, BCS along with the certification of Oracle E-Business Suit 11i 10, Oracle DBA and Siebel Certified Consultant, More they having the experience of Implementing ERP and database in local and multinational firms.

# ORACLE DATABASE 19c DBA II Training

100,000+ Students  
have been Trained

since  
1997



## Program Syllabus

- Configure and create a CDB
- Create a new PDB from the CDB seed
- Explore the structure of PDBs
- Perform Backup and Recover CDBs and PDBs
- Duplicate an active PDB
- Duplicate a Database
  
- Explain the purpose of application root and application seed
- Define and create application PDBs
- Install, upgrade and Patch applications
- Create and administer Application PDBs
- Clone PDBs and Application containers
- Plug and unplug operations with PDBs and application containers
- Comparing Local Undo Mode and Shared Undo Mode
  
- Restore and Recovering Databases with RMAN
- Perform CDB and PDB flashback
  
- Manage PDB service names and connections
- Manage startup, shutdown and availability of CDBs and PDBs
- Change the different modes and settings of PDBs
- Evaluate the impact of parameter value changes
- Performance management in CDBs and PDBs
- Control CDB and PDB resource usage with the Oracle Resource Manager
- Upgrade an Oracle Database
- Transport Data
  
- Manage Security in Multitenant databases
- Manage PDB lockdown profiles
- Audit Users in CDBs and PDBs
- Manage other types of policies in application Containers

# ORACLE DATABASE 19c DBA II Training

100,000+ Students  
have been Trained

since  
1997



- Perform Full and Incremental Backups and Recoveries
- Compress and Encrypt RMAN Backups
- Use a media manager
- Create multi-section backups of very large files
- Create duplexed backup sets
- Create archival backups
- Backup of recovery files
- Backup non database files
- Back up ASM meta data
  
- Configure your Database to support Flashback
- Perform flashback operations
  
- Detect and repair database and database block corruption
- Diagnosing Database Issues
  
- Transport Data
  
- Employ the best Oracle Database recovery technology for your failure situation
- Describe and use Recovery technology for Crash, Complete, and Point-in-time recovery
  
- Duplicate Databases
- Configure RMAN and the Database for Recoverability
- Configure and Using an RMAN recovery catalog
  
- Restore and Recovering Databases with RMAN
- Perform Non RMAN database recovery
  
- Interpret the RMAN message output
- Diagnose RMAN performance issues
  
- Install Grid Infrastructure for a Standalone server
- Install Oracle Database software

# ORACLE DATABASE 19c DBA II Training

100,000+ Students  
have been Trained

since  
1997



- Upgrade Oracle Grid Infrastructure
- Create, Delete and Configure Databases using DBCA
- Plan for Upgrading an Oracle Database
- Upgrade an Oracle Database
- Perform Post-Upgrade tasks
- Patch Grid Infrastructure and Oracle Database
- Image and RPM based Database Installation
- Configure and use Oracle Restart to manage components
- Rapid Home Provisioning
- Install Oracle Database software
- Create, Delete and Configure Databases using DBCA
- Creating CDBs and Regular PDBs
- Use Miscellaneous 19c New Features
- Use an RMAN recovery catalog
- Use Flashback Database
- Use new Diagnose ability Features
- Managing Memory Components
- Understanding The Automatic Workload Repository (AWR)
- Understanding The Advisory Framework
- Monitoring Wait Events, Sessions, and Services
- Managing Metric Thresholds and Alerts
- Understanding and Using The Performance Tuning Methodology
- Performing Performance Planning
- Understanding The Automatic Database Diagnostic Monitor (ADDM)
- Understanding The Oracle Optimizer
- Using The SQL Tuning Advisor
- Managing Optimizer Statistics
- Using The SQL Access Advisor
- Understanding The SQL Tuning Process



## ORACLE DATABASE 19c DBA II Training

100,000+ Students  
have been Trained

since  
1997



## Terms & Conditions

### WITHDRAWAL FROM THE DIPLOMA/CERTIFICATION

Students are not allowed to withdraw from the Diploma. If a student cannot continue the Diploma his/her fee will be forfeited.

### CONDUCT AND DISCIPLINE

A disciplinary action, leading to rustication, will be taken against students whose conduct is found objectionable at any time during the course of study. Reference will be made to 3D Educators code of conduct.

### EVALUATION AND GRADING

The performance of students is evaluated through continuous observation of a student's performance in the Diploma – class participation, submission of assignments, quizzes and exercises.

# ORACLE DATABASE 19c DBA II Training

100,000+ Students  
have been Trained

since  
1997



The student will be examined through three hourly exams conducted at the midterm and a final exam at the end of the program. Total marks for passing the Diploma will be 60 out of a total of 100.

Students who do not meet the attendance or any other eligibility criteria will not be allowed to appear in the final examination.

The following grading plan will be applicable for the Diploma:

<b>A</b>	<b>87 - 100</b>
<b>B+</b>	<b>81 - 86</b>
<b>B</b>	<b>72 - 80</b>
<b>C+</b>	<b>66 - 71</b>
<b>C</b>	<b>60 - 65</b>
<b>F</b>	<b>below 60</b>

A black and white photograph of three business professionals (two men and one woman) in a meeting, looking at a document. The image is partially obscured by a large red graphic element consisting of several overlapping, semi-transparent red bands that sweep across the top and right sides of the page.

## ORACLE DATABASE 19c DBA II Training

100,000+ Students  
have been Trained

since  
1997



Students who are unable to appear for the final exam are required to submit a written application stating the reason for not appearing for the exam. 3D Educators reserves the right to approve or deny such applications. If approved, the student will be allowed to sit for the exam within one month. Failure to do so, the student will be resubmit the examination fee and sit the future schedule exam. Without passing of the exams no certification will be awarded.

# ORACLE DATABASE 19c DBA II Training

100,000+ Students  
have been Trained

since  
1997



## ONLINE LIVE CLASSES FACILITY AVAILABLE

- Instructor Led Training
- Real Time Presentations
- Interactive Classes
- Complete Notes and Other Stuff shall be provided through our Secure Student Login Member's Area
- For Online Live Classes, you may please download the Admission Form through our website <http://www.3deducators.com>. Fill it properly and attached the required document along with Picture and send back to [info@3deducators.com](mailto:info@3deducators.com) with scanned fee submitted voucher in the bank.
- For Pakistan you may submit the fee at any MCB Branch with the title of "3D EDUCATORS-TRAINERS & CONSULTANTS".
- If you are outside Pakistan then you may transfer via Bank to Bank or any western union, Fast Track, Money Gram or else International Transfer Body.
- After Admission, if you don't have GMAIL Account then you are requested to kindly make one GMAIL Account and shared it [info@3deducators.com](mailto:info@3deducators.com). Then further correspondence shall be made by our institute official.
- Extra Bandwidth Charges shall be incurred.

## DISTANCE NOT MATTER

You can join in the live classes Sessions of 3D EDUCATORS – TRAINERS & CONSULTANTS from anywhere of the world.

# ORACLE DATABASE 19c DBA II Training

100,000+ Students  
have been Trained

since  
1997



## PRECAUTIONARY MEASURES

- During Classes, you are requested to make sure that you are in isolated room, where no noise should be there except your voice.
- Kindly Switch Off your Cell Phone during the class, because it will disturb the quorum of class.
- If you have taken the admission in the course online lonely, then ethically it is recommended and suggested that you alone in the class.
- Recording of Lectures are not allowed at your end.

This world is emerging and growing in the 21st Century very rapidly because of latest and remarkable technologies and its advancement. Due to advancement of technology, we 3D EDUCATORS offer Live Interactive class sessions

3D EDUCATORS believe on Information Technology and its systems. Now you can also avail this facility at your home.

## CONTACT US

021-34141329, 0333-2402474  
021-34857148

info@3deducators.com

<http://www.3deducators.com>

Get the Admission Form

[Download Form](#) 

**MANAGEMENT  
3D EDUCATORS  
TRAINERS & CONSULTANTS**