



ORACLE 11G DBA ADMIN II Database Administrator

Training Program

Complete OCP Track Training

**100,000+ Students
have been Trained**

**since
1997**

**Program is
offered by**

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

**Invest in
People the
only Asset
that Appreciates**



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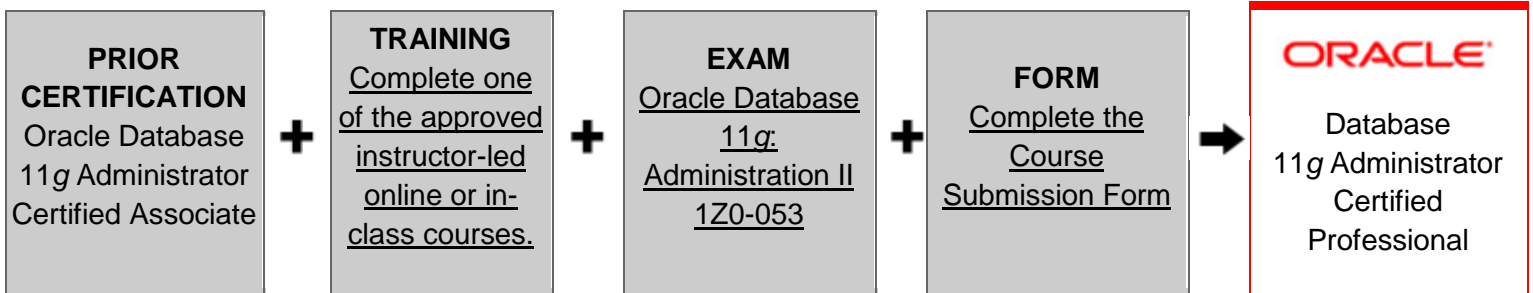
ORACLE 11G DBA II Training Program

Oracle 11g is designed to handle the ever-increasing data needs of modern organizations. Effective management of Oracle 11g capabilities can help organizations ensure the integrity and security of data. In this hands-on course, you maximize the features of Oracle 11g to build and maintain databases, configure memory and storage for optimal performance, and manage large amounts of data.

Oracle Certification Information (OCP - DBA)

Exam Number:	1Z0-053
Associated Certifications:	Oracle Database 11g DBA OCA
Duration:	105 minutes
# of Questions:	79
Passing Score:	68%

Oracle Certified Professional





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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 **6**
Presentations by Trainees **1**
Hands on Training **10 Hours**
Interactive Training with
server Technologies **10 Hours**

About the Program Instructor

The “11G DBA Administrator” training program has designed by the 3D-Educators – Trainers and Consultants.

The “11G DBA Administrator” Program has been conducted by Senior certified and qualified 11g Programmers and I.T. professionals, who having the huge experience of teaching and implementation of 11g. They have 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.

In Affiliation with





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Program Syllabus

Database Architecture and ASM

- Describe Automatic Storage Management (ASM)
- Set up initialization parameter files for ASM and database instances
- Start up and shut down ASM instances
- Administer ASM disk groups

Configuring for Recoverability

- Configure multiple archive log file destinations to increase availability
- Define, apply and use a retention policy
- Configure the Flash Recovery Area
- Use Flash Recovery Area

Performing User-Managed Backup and Recovery

- Recover from a lost TEMP file
- Recover from a lost redo log group
- Recover from the loss of password file
- Perform user-managed complete database recovery
- Perform user-managed incomplete database recovery
- Perform user-managed and server managed backups
- Identify the need of backup mode
- Back up and recover a control file

Using RMAN to Duplicate a Database

- Creating a duplicate database
- Using a duplicate database

Managing Memory

- Implement Automatic Memory Management
- Manually configure SGA parameters
- Configure automatic PGA memory management

Managing Database Performance

- Use the SQL Tuning Advisor
- Use the SQL Access Advisor to tune a workload
- Understand Database Replay

Space Management

- Manage resumable space allocation
- Describe the concepts of transportable tablespaces and databases
- Reclaim wasted space from tables and indexes by using the segment shrink functionality



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Using the RMAN Recovery Catalog

- Identify situations that require RMAN recovery catalog
- Create and configure a recovery catalog
- Synchronize the recovery catalog
- Create and Use RMAN stored scripts
- Back up the recovery catalog
- Create and use a virtual private catalog

Configuring Backup Specifications

- Configure backup settings
- Allocate channels to use in backing up
- Configure backup optimization

Using RMAN to Perform Recovery

- Perform complete recovery from a critical or noncritical data file loss using RMAN
- Perform incomplete recovery using RMAN
- Recover using incrementally updated backups
- Switch to image copies for fast recovery
- Restore a database onto a new host
- Recover using a backup control file
- Perform Disaster recovery

Performing Table space Point-in-Time Recovery

- Identify the situations that require TSPITR
- Perform automated TSPITR

Managing Resources

- Understand the database resource manager
- Create and use Database Resource Manager Components

Moving Data

- Create a job, program, and schedule
- Use a time-based or event-based schedule for executing Scheduler jobs
- Create lightweight jobs
- Use job chains to perform a series of related tasks

Administering the Scheduler

- Create Windows and Job Classes
- Use advanced Scheduler concepts to prioritize jobs



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Using RMAN to Create Backups

- Create image file backups
- Create a whole database backup
- Enable fast incremental backup
- Create duplex backup and back up backup sets
- Create an archival backup for long-term retention
- Create a multisection, compressed and encrypted backup
- Report on and maintain backups

Monitoring and Tuning RMAN

- Monitoring RMAN sessions and jobs
- Tuning RMAN
- Configure RMAN for Asynchronous I/O

Using Flashback Technology

- Restore dropped tables from the recycle bin
- Perform Flashback Query
- Use Flashback Transaction

Additional Flashback Operations

- Perform Flashback Table operations
- Configure, Monitor Flashback Database and Perform Flashback Database operations
- Set up and use a Flashback Data Archive

Diagnosing the Database

- Set up Automatic Diagnostic Repository
- Using Support Workbench
- Perform Block Media Recovery



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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.



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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:

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



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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.

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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 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. 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.

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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
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SAMPLE CERTIFICATE



CERTIFICATE

Invest In People the Only Asset that Appreciates...

*The Certificate Witnesseth that
Dr. Muhammad Allama Iqbal
Has Successfully Completed the 32-Hours Training of the
Oracle DBA I & II Track*

Conducted By

3D EDUCATORS - TRAINERS & CONSULTANTS

From 22 Nov 2009 To 22 Jan 2010

CERTIFICATE ID: 3DCIA1010/5/2003093



Principal of Institute

Global Partner - International Management Research & Technology Consortium - IMRTC USA

Global Partner - PECB CANADA, Partner Institute of SDC - Government of Pakistan