ORACLE 11G DBA II
Database Administrator
Training Program
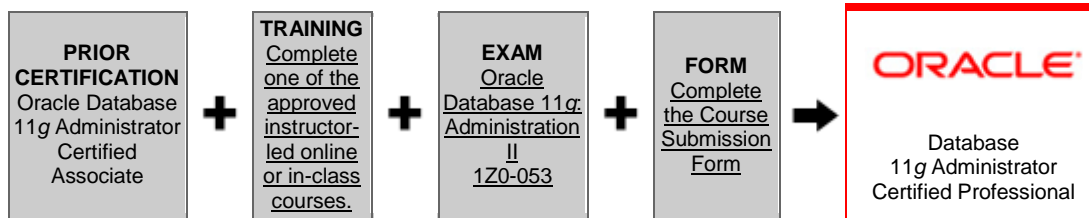### Complete OCP Track Training

Oracle 11*g* is designed to handle the ever-increasing data needs of modern organizations. Effective management of Oracle 11*g* capabilities can help organizations ensure the integrity and security of data. In this hands-on course, you maximize the features of Oracle 11*g* 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

| PRIOR CERTIFICATION Oracle Database 11*g* Administrator Certified Associate | + | TRAINING Complete one of the approved instructor-led online or in-class courses. | + | EXAM Oracle Database 11*g*: Administration II 1Z0-053 | + | FORM Complete the Course Submission Form | → | ORACLE® Database 11*g* Administrator Certified Professional |

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Program Details

Inauguration

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

Program Structure

Number of classes in a week	One Class Per Week
Duration of each class	3-Hour

Other Learning Activities:

Classroom Assignments	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.

3D EDUCATORS
TRAINERS & CONSULTANTS

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

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 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

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 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

Using RMAN to Duplicate a Database

[ ] Creating a duplicate database

[ ] Using a duplicate database

Performing Tablespace Point-in-Time Recovery

[ ] Identify the situations that require TSPITR

[ ] Perform automated TSPITR

Monitoring and Tuning RMAN

[ ] Monitoring RMAN sessions and jobs

[ ] Tuning RMAN

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

Managing Resources

[ ] Understand the database resource manager

[ ] Create and use Database Resource Manager Components

Automating Tasks with the Scheduler

[ ] 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

[ ] Create a multisection, compressed and encrypted backup

[ ] Report on and maintain backups

[ ] 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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TRAINERS & CONSULTANTS

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.
- If you are outside country or city then extra courier charges shall be incurred for Certificate.

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, ethically it is recommended and suggested that you only avail this facility.

- ✓ 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.

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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 Admission Form

MANAGEMENT
3D EDUCATORS – TRAINERS & CONSULTANTS

ORACLE

Certified Professional

Oracle 11*g* Administrator

THIS CERTIFIES THAT

Tomas Solar

IS RECOGNIZED BY
THE ORACLE CERTIFICATION PROGRAM AS AN

Oracle Database 11g Administrator Certified Professional

October 10, 2008

Date

Senior Vice President, Oracle Corporation

Oracle
Certified
Professional