



Certificação para profissionais Oracle - GUORS 2011

**Rodrigo Mufalani**  
Universidade UNIGRANRIO – RJ  
2011 - Agosto

# Quem sou eu?

- DBA Oracle Sr na Universidade Unigranrio
- Venho trabalhando com Oracle desde 2004
- Blogueiro - [www.mufalani.com.br](http://www.mufalani.com.br)
- Oracle Certified Professional 10g
- Oracle Certified Professional 11g
- Oracle Certified Expert RAC 10g R2
- Oracle Ace Member em 2009
- Conselheiro técnico do GUOB

# Agenda

- Oracle Certification Program
- Oracle education – Cursos Oficiais
- Oracle Certified Associate
- Oracle Certified Professional
- Oracle Certified Expert
- Oracle Certified Master
- Oracle Ace Member (Premiação)

# Oracle 11g Certification Program

## Database Administration

[Oracle Database 11g Administrator Certified Associate](#)



[Oracle Database 11g Administrator Certified Professional](#)



[Oracle Database 11g Administrator Certified Master](#)

[Oracle Database 11g: Performance Tuning](#)



[Oracle Certified Expert, Oracle Real Application Clusters 11g and Grid Infrastructure Administrator](#)



[Oracle Database: SQL Certified Expert](#)

## Application Development

[Oracle Application Express Developer Certified Expert](#)

## Implementation

[Oracle Database 11g Certified Implementation Specialist](#)



[Oracle Database 11g Security Certified Implementation Specialist](#)



[Oracle Data Warehousing 11g Certified Implementation Specialist](#)



[Oracle Exadata 11g Certified Implementation Specialist](#)



# Oracle Certified Associate 11g

## Exames SQL

1z0-001 Intro to Oracle SQL and pl/sql \*

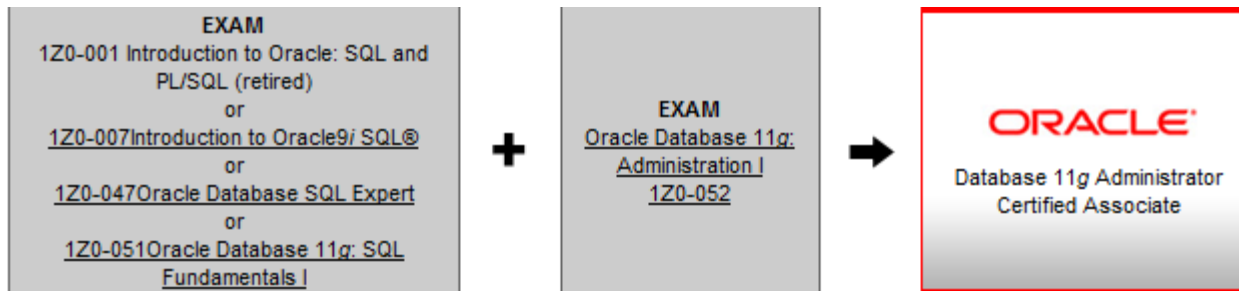
1z0-007 Intro to Oracle9i SQL and pl/sql

1z0-047 Oracle Database SQL Expert

1z0-051 Oracle 11g: SQL Fundamentals I

## Exame Administração

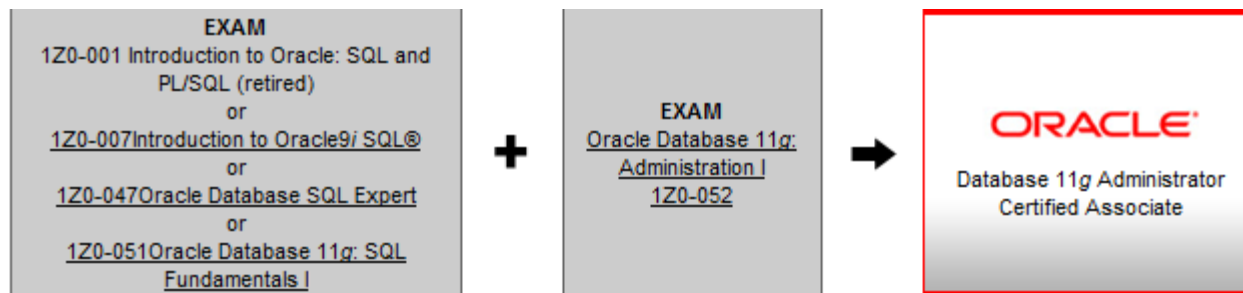
1z0- 052 Oracle Database 11g: Administration I



# Oracle Certified Associate 11g

## Exames SQL

Prova	Valor	Tempo	Questões	Score
1z0-001	(Retirada)	-	-	-
1z0-007	US\$ 125,00	120 min	52	71% (38 acertos)
1z0-047	US\$ 125,00	120 min	70	66% (47 acertos)
1z0-051	US\$ 125,00	120 min	70	60% (42 acertos)



# SQL I :1z0-051

- 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 Subqueries to Solve Queries
- Using the Set Operators
- Manipulating Data
- Using DDL Statements to Create and Manage Tables
- Creating Other Schema Objects

# 1z0-051 Questão de Exemplo

Evaluate the following SQL statement:

```
SQL>SELECT TO_CHAR(1230,'00,999.99') FROM DUAL;
```

What would be the outcome?

- A. 1,230
- B. 01,230
- C. 1,230.00
- D. 01,230.00

Resposta Correta "D" saída será "01,230.00"



# Oracle Certified Associate 11g

## Exame Administração

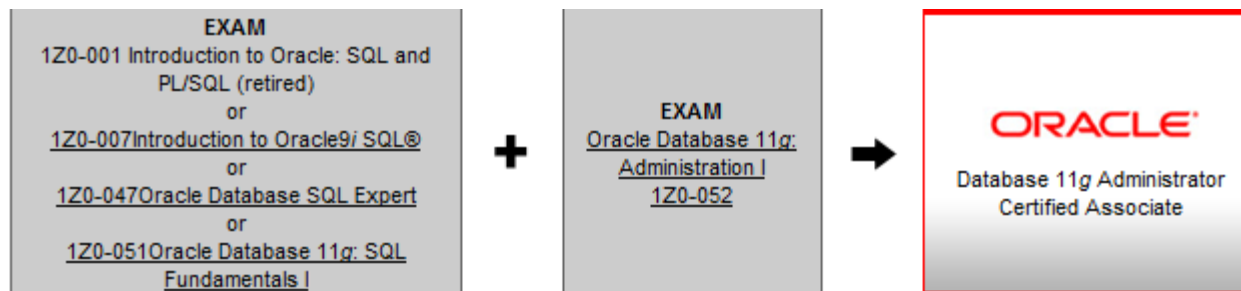
1z0-052 Oracle Database 11g: Administration I

Valor do exame US\$ 125,00

Tempo da prova 120 minutos

Questões 70

Passing Score 60% (min 42 acertos)



# Administration I: 1z0-052

- Exploring the Oracle Database Architecture
- Preparing the Database Environment
- Creating an Oracle Database
- Managing the Oracle Instance
- Configuring the Oracle Network Environment
- Managing Database Storage Structures
- Administering User Security
- Managing Data and Concurrency
- Managing Undo Data
- Implementing Oracle Database Security
- Database Maintenance
- Performance Management
- Intelligent Infrastructure Enhancements
- Backup and Recovery Concepts
- Performing Database Backups
- Performing Database Recovery
- Moving Data
- Creating Other Schema Objects

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**Certified Associate**

# 1z0-052 Questão de Exemplo

**A user receives the following error while executing a query:**

**ORA-01555: snapshot too old**

**Identify two solutions to avoid such errors in future. (Choose two)**

- A. Increase the size of redo log files
- B. Increase the size of the undo tablespace
- C. Increase the size of the Database Buffer Cache
- D. Increase the size of the default temporary tablespace
- E. Enable the retention guarantee for the undo tablespace

Respostas corretas B e E

# Cursos Oficiais (Hands-on)

**Oracle Database 11g: Adm Workshop I**

**Oracle Database 11g: Adm Workshop II**

**Oracle Database 11g: Performance Tuning**

**Oracle Database 10g: SQL Tuning**

# Hands-on Requirement

- Approved Oracle Training Centers

## Rio de Janeiro

Extend Software

JHMM Consulting Ltda Me

Quality Software S.A.

Multirede Informática Ltda

## São Paulo

Ka Solution Serviços Ltda

Quasar

Capitani It Solutions e Informática Ltda

Quality Software S.A.

En-sof Informática e Treinamento Ltda

Grupo Ibmecc Educacional

Multirede Informática Ltda

Br Room Rentals

# Oracle Certified Professional 11g

- Ser um Oracle Certified Associate 11g
- Prestar o exame 1z0-053 Oracle database 11g: Adm II
- Enviar o Submit form
- Ser um OCP de versões anteriores OCP 9i e 10g e realizar os exames de upgrade abaixo:

Para o OCP 10g o exame é o [1Z0-050](#)

Para o OCP 9i o exame é o [1Z0-055](#)

## ▲ Oracle Certified Professional

**PRIOR CERTIFICATION**  
Oracle Database 11g  
Administrator Certified  
Associate



**TRAINING**  
Complete one of the  
approved instructor-led  
online or in-class  
courses.



**EXAM**  
Oracle Database 11g:  
Administration II  
1Z0-053



**FORM**  
Complete the Course  
Submission Form



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Database 11g Administrator  
Certified Professional

# Oracle Certified Professional 11g

## Exame Administração II

1z0-053 Intro to Oracle SQL and pl/sql

Valor do exame US\$ 125,00

Tempo da prova 120 minutos

Questões 78

Passing Score 66% (min 52 acertos)

### ▲ Oracle Certified Professional

**PRIOR CERTIFICATION**  
Oracle Database 11g  
Administrator Certified  
Associate

+

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approved instructor-led  
online or in-class  
courses.

+

**EXAM**  
Oracle Database 11g:  
Administration II  
1Z0-053

+

**FORM**  
Complete the Course  
Submission Form

➔

**ORACLE**

Database 11g Administrator  
Certified Professional

# Oracle Certified Professional 11g

- Ir para [www.pearsonvue.com/oracle](http://www.pearsonvue.com/oracle)
- Tenha o seu PIN number (diploma do curso oficial)
- Selecione Submit Course Form
- Submeta o seu formulário

## ▲ Oracle Certified Professional

**PRIOR CERTIFICATION**  
Oracle Database 11g  
Administrator Certified  
Associate

+

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Complete one of the  
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online or in-class  
courses.

+

**EXAM**  
Oracle Database 11g:  
Administration II  
1Z0-053

+

**FORM**  
Complete the Course  
Submission Form

➔

**ORACLE**  
Database 11g Administrator  
Certified Professional



# Administration II: 1z0-053

- Database Architecture and ASM
- Configuring for Recoverability
- Using the RMAN Recovery Catalog
- Configuring Backup Specifications
- Using RMAN to Create Backups
- Performing User-Managed Backup and Recovery
- Using RMAN to Perform Recovery
- Using RMAN to Duplicate a Database
- Performing Tablespace Point-in-Time Recovery
- Monitoring and Tuning RMAN
- Using Flashback Technology
- Additional Flashback Operations
- Diagnosing the Database
- Managing Memory
- Managing Database Performance
- Space Management
- Managing Resources
- Automating Tasks with the Scheduler
- Administering the Scheduler

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**Certified Professional**

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**Oracle 11g Administrator**

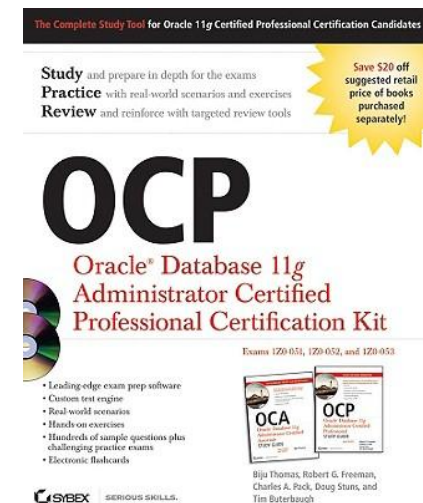
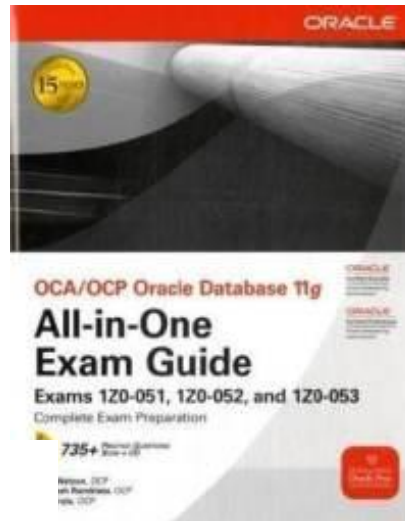
# 1z0-053 Questão de Exemplo

**Which option speeds up the disk rebalancing in an Automatic Storage Management (ASM) disk group by increasing the degree of parallelism?**

- A. Increasing ASM\_POWER\_LIMIT
- B. Increasing the number of DBWR processes
- C. Increasing the number of ASMB processes
- D. Increasing the number of DBWR\_IO\_SLAVES

Resposta correta A

# Literatura recomendada



Estude sempre!!!

# OCE - Oracle Certified Expert

- 1Z0-046 Oracle Db 10g: Managing Oracle on Linux Certified Expert
- 1Z0-047 Oracle Database SQL Expert
- 1Z0-048 Oracle Database 10g R2: Administering RAC
- 1Z0-054 Oracle Database 11g: Performance Tuning
- 1Z0-058 Oracle RAC 11g Release 2 and Grid Infra Administration
- 1Z0-450 Oracle Application Express Developer Certified Expert

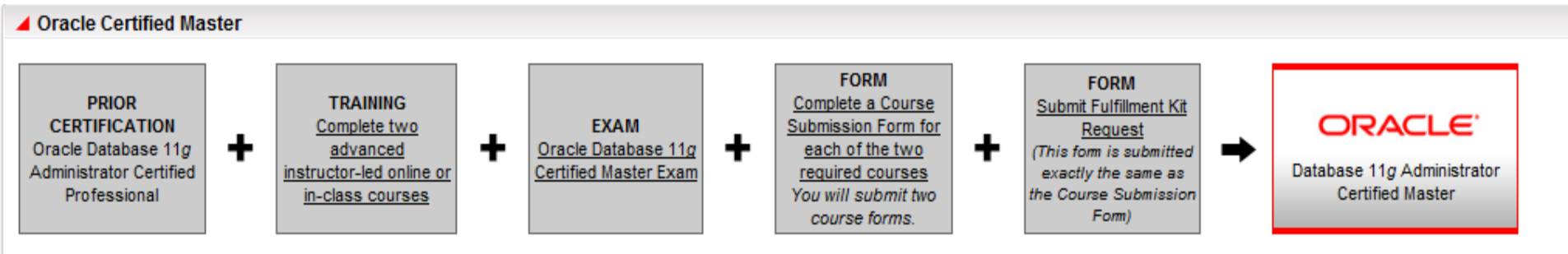
**ORACLE®**

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**Certified Expert**

# Oracle Certified Master 11g

- Ser um OCP 11g
- Completar 2 cursos avançados (ex.: RAC/DataGuard)
- Marcar a prova e Ir até local agendado
- Course Submit Form (dos dois cursos avançados)



# Oracle Certified Master 11g

## Exame Prático

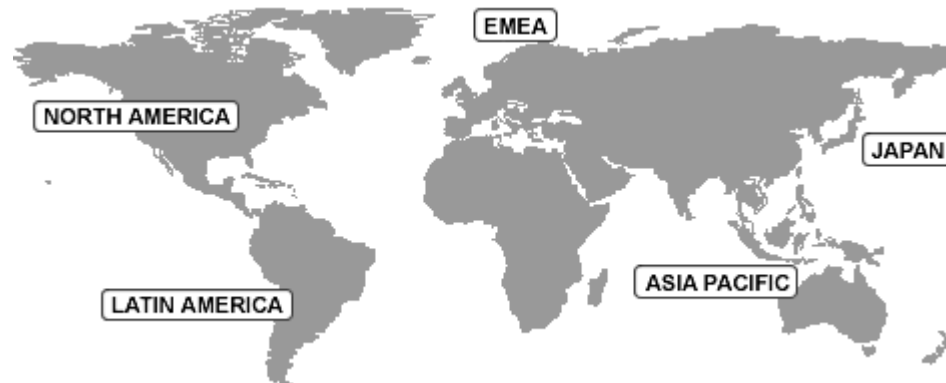
Valor do exame US\$ 2166,00

Tempo da prova 2 Dias

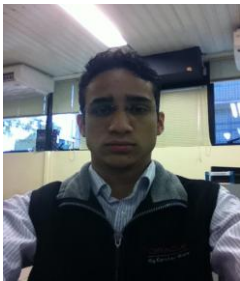
Questões Depende do Examinador

Passing Score Depende do Examinador

As provas são aplicadas aqui, exceto LAD.



# Oracle Certified Masters - BR



Guilherme Brito – ES  
OCM 10g



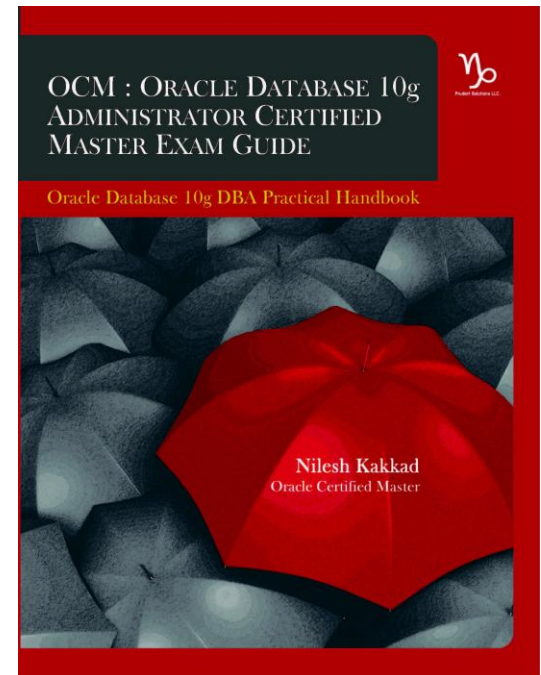
Antônio Menezes – DF  
OCM 10g & 11g



# OCM 10g Exam Guide

- US\$ 219,99 + frete
- Garantia de passar no exame ou seu dinheiro de volta.

Vai arriscar?





# OCM 10g Exam Guide

Conteúdo do Livro (Olhada rápida)

Configurando VM Machines

Configuração do servidor

EM Grid Control

Gerenciando Disponibilidade do banco de dados

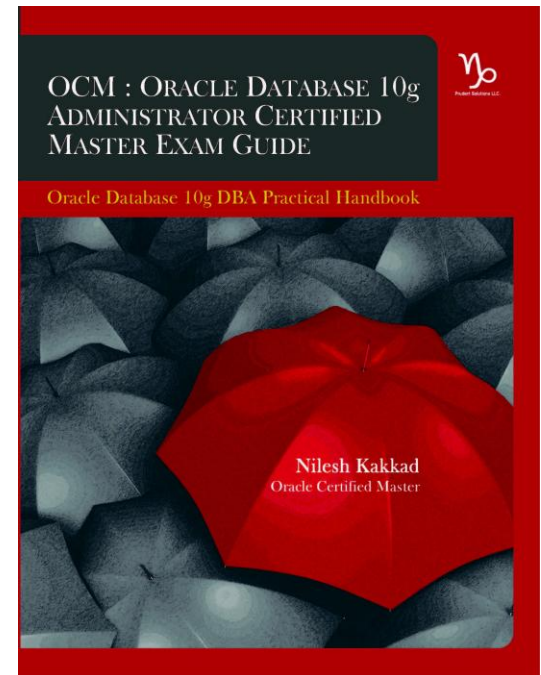
Gerenciando dados

Gerenciamento de DW

Gerenciamento de Performance

RAC

Dataguard



# Oracle ACE Member

- **Oracle ACE Qualifications**
- To qualify for the Oracle ACE award, candidates should meet as many of the following qualifications as possible.
- Technical proficiency
- Oracle-related blog
- Oracle discussion forum activity
- Published white paper(s) and/or article(s)
- Presentation experience
- Beta program participant
- Oracle user group member
- Oracle certification

# Oracle ACEs - BR

Rodrigo Almeida



Ricardo Portilho



Rodrigo Mufalani



Marcus Vinicius



Antonio Rodrigues



Meus cumprimentos a todos

# Perguntas e Respostas



Muito Obrigado!!!

Rodrigo Mufalani - Unigranrio

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