

# COURSE OVERVIEW

**Course Name:**  
(D99340GC20)  
Oracle Database  
19c: Multitenant  
Architecture

**COURSE DURATION:** 4 Days

**Gauteng:**

3rd Floor, 34 Whitely Road  
Melrose Arch  
Johannesburg  
2196

**Gauteng:**

192 on Bram  
192 Bram Fischer Drive  
Ferndale, Randburg  
Johannesburg  
2160

**Cape Town:**


3rd Floor, Thomas Pattullo Building  
19 Jan Smuts St  
Cape Town  
8000

**Durban:**

9 Mountview Close  
Broadlands  
Mount Edgecombe  
Durban  
4302

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## COURSE DESCRIPTION

Architecture Students learn how to use Oracle Database automatic tuning features such as SQL Tuning Advisor, SQL Access Advisor, Automatic Workload Repository and Automatic Database Diagnostic Monitor, and practice these tuning methods. The course focuses on the tuning tasks expected of a DBA: reactive tuning of SQL statements, maintaining SQL statement and operation performance, and tuning the Oracle Database Instance component.

## DELIVERY METHOD

Our courses have flexible delivery options:

- In-person classroom training at the Impactful training facilities
  - Johannesburg, Durban, Cape Town
- Virtual instructor-led training
- Nationally: on-site at the client

## COURSE OBJECTIVES

Upon completion of this course, students will be able to:

- Understand the multitenant architecture.
- Create and manage a multitenant container database and pluggable databases.
- Understand regular and application pluggable databases.
- Manage storage within a multitenant container database and pluggable databases.
- Manage security within a multitenant container database and regular and application pluggable databases.
- Monitor performance and manage resources within a multitenant container database and pluggable databases.
- Perform backup, recover and flashback operations on a multitenant container database and regular and application pluggable databases.
- Perform particular operations like Oracle Data Pump transportation, loading, encrypting, auditing.
- Manage the CDB and PDBs in specific configurations like Data Guard, Database Vault.

## TARGET AUDIENCE

- Administrator
- Architect
- Database Administrator

## PREREQUISITES

- Basic knowledge of Linux operating system
- Working knowledge of SQL and use of PL/SQL packages Required Prerequisite
- Oracle Database 19c: Administration Workshop
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## COURSE CONTENT

Lesson 1: CDB Basics  
Lesson 2: CDB and Regular PDBs  
Lesson 3: Application PDBs and Application Installation  
Lesson 4: PDB Creation  
Lesson 5: CDB and PDB Management  
Lesson 6: Storage  
Lesson 7: Security  
Lesson 8: Backup and Duplicate  
Lesson 9: Recovery and Flashback  
Lesson 10: Performance Monitoring  
Lesson 11: Resources Allocation  
Lesson 12: Data Movement  
Lesson 13: Upgrade methods