

## OD-19c-DC: Oracle Database 19c: Data Confidentiality

Course Code: OD-19c-DC

Duration: 1 day

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

### OVERVIEW

The Oracle Database 19c: Data Confidentiality course covers the following topics:

- Application Contexts
- Virtual Private Database
- Oracle Label Security
- Data Masking
- Data Redaction
- Real Application Security

### SKILLS COVERED

After completing the **Oracle Database 19c: Data Confidentiality** course, you will be able to:

- Implement and use application contexts
- Identify the sources of application context values
- Use Oracle Database USERENV namespace
- Implement application contexts accessed globally
- Use LDAP SYS\_LDAP\_USER\_DEFAULT namespace
- Use Oracle Application Express APEX\$SESSION namespace
- Extend Unified Auditing with context information
- Use context information with Secure Application Roles
- Follow usage guidelines
- Configure and use VPD policies

- Configure and use OLS policies
- Explain the difference between Data Redaction and Data Masking
- Use Enterprise Manager Data Masking Pack
- Configure an Application Data Model (ADM)
- Define sensitive data for a relevant discovery before masking
- Define and use data masking formats
- Automate masking operations using EMCLI
- Configure and use Transparent Sensitive Data Protection (TSDP) using sensitive data discovery
- Explain Audit Vault and Database Firewall (AVDF) data privacy reports using sensitive data discovery
- Explain the difference between Data Redaction and Data Masking
- Describe Oracle Data Redaction
- Manage redaction policies
- View redaction policy information in the data dictionary
- Configure and use RAS policies

### WHO SHOULD ATTEND?

This course intended for Database Administrators.

### PREREQUISITES

- Oracle Database 19C: Administration Workshop

### COURSE CONTENTS

Lesson 01: Module Overview  
Lesson 02: Application Contexts

- Application Contexts
- Application Context Accessed Globally

#### Lesson 03: Virtual Private Database

- Virtual Private Database
- Implementing a VPD Policy

#### Lesson 04: Oracle Label Security

- Oracle Label Security
- Implementing an OLS Solution

#### Lesson 05: Data Masking

- Data Masking
- ADM Maintenance
- Benefits of TSDP

#### Lesson 06: Data Redaction

#### Lesson 07: Real Application Security

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