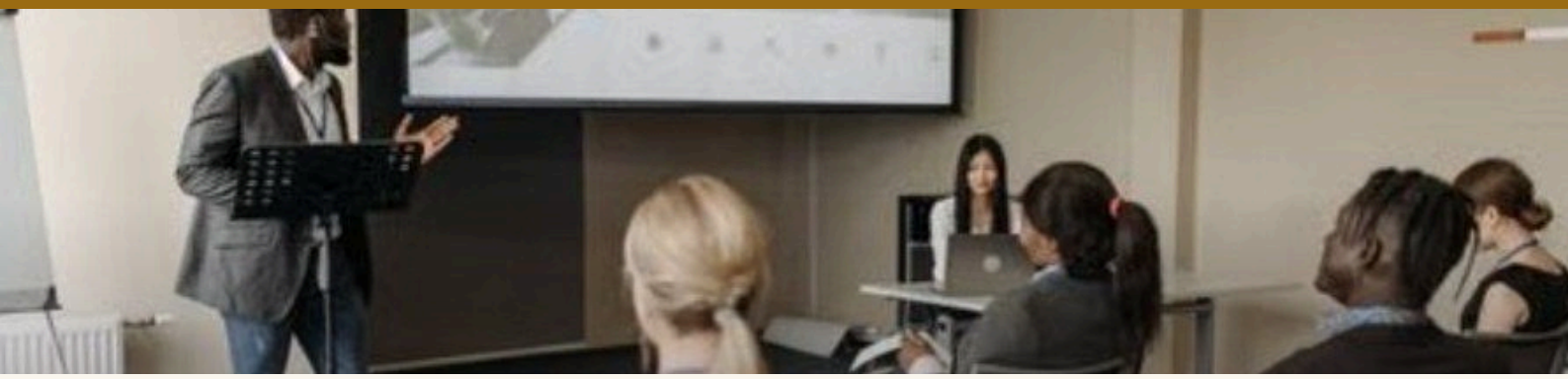


SEYA CAPITAL
INSIGHT.STRATEGY.GROWTH



INFORMATION & COMMUNICATION TECHNOLOGY

# Oracle Database Security Certificate

*Securing Oracle Databases, Protecting Critical Data Assets & Strengthening Enterprise Information Security*

| SECTOR | FORMATS | FEE FROM | 2027 SESSIONS |
|---|---|---|---|
| Information & Communication Technology | 5 days & 2 weeks | US$ 2,100 | 3 |

OVERVIEW

## About this course

Oracle databases support some of the world's most critical business applications across banking, telecommunications, healthcare, government, manufacturing, and financial services sectors. As cyber threats continue to evolve and regulatory requirements become more stringent, organisations must ensure that their Oracle database environments are properly secured against unauthorised access, data breaches, insider threats, and operational disruptions.

The Seya Capital Oracle Database Security Certificate Course provides participants with the knowledge, practical skills, and security best practices required to secure Oracle database environments and protect sensitive organisational data. The programme covers Oracle security architecture, user access management, database hardening, encryption, auditing, monitoring, vulnerability management, compliance controls, and incident response.

Participants will gain practical experience in implementing Oracle database security controls, managing database risks, conducting security assessments, and ensuring compliance with industry regulations and security standards.

2027 SCHEDULE

## Dates, venues & fees

| DATES | VENUE | FORMAT | FEE PER DELEGATE |
|---|---|---|---|
| 30 Aug – 3 Sep 2027 | Nairobi, Kenya | 5 days | **US$ 2,100** |
| 6 – 17 Sep 2027 | Zanzibar, Tanzania | 2 weeks | **US$ 3,780** |
| 13 – 17 Sep 2027 | Zanzibar, Tanzania | 5 days | **US$ 2,100** |

Fees exclude travel and accommodation. This course is also available in-house, on dates and at a venue of your choice.

HIGHLIGHTS

## What you will learn

- Oracle Database security architecture and principles
- Database user administration and access control
- Oracle database hardening and secure configuration
- Authentication and authorisation management
- Oracle Database auditing and monitoring
- Data encryption and key management
- Oracle Database Vault and security features
- Vulnerability assessment and patch management
- Database activity monitoring and threat detection
- Regulatory compliance and data protection
- Backup, recovery, and business continuity security
- Incident response and database security governance
- Participants will explore practical applications including:
- Oracle Security Configuration Reviews
- User Access Management
- Security Hardening Assessments
- Database Audit Configuration
- Encryption Implementation
- Data Masking and Protection
- Vulnerability Assessments
- Security Monitoring and Log Analysis
- Compliance Assessments
- Database Risk Assessments
- Incident Response Planning
- Security Governance Framework Development

OBJECTIVES

## By the end of the course

By the end of this programme, participants will be able to:

- Understand Oracle Database security architecture and security principles.
- Implement robust access control and user management mechanisms.
- Secure Oracle database environments against internal and external threats.
- Deploy Oracle database auditing and monitoring controls.
- Implement encryption technologies to protect sensitive information.
- Conduct Oracle database vulnerability assessments.

- Manage database security risks and compliance requirements.
- Strengthen backup, recovery, and business continuity controls.
- Detect and respond to database security incidents.
- Develop and maintain Oracle database security programmes.

WHO SHOULD ATTEND

## Designed for

Oracle Database Administrators (DBAs) | Information Security Officers | Cybersecurity Professionals | Database Security Administrators | Systems Administrators | IT Managers | IT Auditors | Risk Management Professionals | Compliance Officers | Infrastructure Engineers | Data Governance Professionals | Technology Consultants | ICT Managers and Directors | Professionals responsible for Oracle database environments

PROGRAMME

## Course outline

### Day 1: Oracle Database Security Foundations

- Introduction to Oracle Database Security
- Oracle Security Architecture
- Security Threat Landscape for Databases
- Database Security Principles
- Oracle Security Components and Features
- Security Roles and Responsibilities
- Database Governance and Security Policies

### Day 2: User Management, Authentication and Access Controls

- Oracle User and Role Administration
- Authentication Methods
- Password Security Management
- Privilege Management and Least Privilege Principles
- Role-Based Access Control (RBAC)
- Segregation of Duties (SoD)
- Privileged User Monitoring

### Day 3: Database Hardening, Auditing and Monitoring

- Oracle Database Hardening Best Practices
- Secure Database Configuration
- Oracle Audit Framework
- Unified Auditing
- Audit Policy Configuration
- Database Activity Monitoring
- Security Event Management

### Day 4: Data Protection, Encryption and Compliance

- Oracle Advanced Security Features
- Transparent Data Encryption (TDE)
- Encryption Key Management
- Data Masking and Data Redaction
- Oracle Database Vault
- Regulatory Compliance Requirements
- Data Privacy and Protection Controls

### Day 5: Vulnerability Management, Incident Response and Security Governance

- Oracle Security Patch Management
- Vulnerability Assessment Techniques
- Database Security Risk Assessments
- Security Incident Response Procedures
- Backup and Recovery Security
- Database Security Governance Frameworks
- Capstone Oracle Database Security Case Study

METHODOLOGY

## How you will learn

This highly interactive programme combines:

- Expert-led presentations
- Oracle security configuration workshops
- Practical database security exercises
- Database security assessment simulations
- Real-world cybersecurity case studies
- Security monitoring demonstrations
- Hands-on auditing and compliance exercises
- Database hardening workshops
- Group discussions and scenario analyses
- Capstone Oracle security implementation project

Participants will develop practical competencies through hands-on Oracle database security implementations and security assessment exercises.

IMPACT

## The return on learning

### For your organisation

- Strengthen protection of critical organisational data
- Reduce database security vulnerabilities and risks
- Improve regulatory compliance and audit readiness
- Enhance access control and user accountability
- Improve monitoring and detection of suspicious activities
- Strengthen business continuity and disaster recovery preparedness
- Reduce the risk of data breaches and unauthorised access
- Improve governance over database environments
- Enhance cybersecurity resilience
- Support secure digital transformation initiatives

### For you

- Develop advanced Oracle database security expertise
- Improve database administration and protection skills
- Enhance cybersecurity and risk management competencies
- Gain practical experience in Oracle security technologies
- Strengthen auditing and compliance management skills
- Improve incident response and threat detection capabilities
- Enhance professional credibility in database security management
- Increase career opportunities in database administration and cybersecurity

CERTIFICATION

## Seya Capital certificate

Upon successful completion of the programme, participants will be awarded the prestigious:

Seya Capital Certificate in Oracle Database Security

Recognising professional competence in Oracle database security administration, access control management, database hardening, encryption technologies, auditing and monitoring, vulnerability management, compliance assurance, incident response, data protection, and Oracle security governance.

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Register or enquire

info@seyacapital.com
www.seyacapital.com

The Kenya Police Sacco Plaza, 2nd Floor, Wing B
Ngara Road, off Muranga Road
P.O. Box 63978 – 00619, Nairobi, Kenya