

Oracle Database 19c: Monitoring and Maintaining a Secure Environment

Duration: 08 Hours (1 Day)

Overview

The "Oracle Database 19c: Monitoring and Maintaining a Secure Environment" course is an in-depth program designed to educate learners on how to secure and maintain an Oracle Database 19c environment effectively. Through a series of modules, participants will gain knowledge on various aspects of database security, including Auditing, Oracle Database Vault, the Database Security Assessment Tool (DSAT), Database patching, and best practices for securing databases in the cloud. Module 1 offers an introduction and overview, setting the stage for the comprehensive lessons to follow. Module 2 dives into the Auditing features available in Oracle Database 19c, teaching students how to monitor activities and ensure compliance with security policies. Module 3 focuses on Oracle Database Vault, discussing factors, rules, rule sets, predefined reports, command rules, and operations control for enhanced security. Module 4 introduces the Database Security Assessment Tool, guiding learners on how to identify sensitive data and configure the Discoverer to protect it. Module 5 is dedicated to Database patching, covering the patch process and the importance of Oracle's Lifetime Support Policy. Finally, Module 6 addresses the nuances of database security in cloud environments. This course will help learners to reinforce their database security, adhere to best practices, and understand the ongoing maintenance required for a secure Oracle Database 19c environment.

Audience Profile

Koenig Solutions' Oracle Database 19c course focuses on securing database environments, ideal for IT professionals in database security roles.

- Database Administrators
- Security Administrators
- IT Security Analysts
- Database Architects
- Data Managers
- Compliance Officers
- IT Managers overseeing database environments
- Technical Consultants involved in Oracle Database management
- System Administrators with database security responsibilities
- Oracle Database Engineers looking to enhance their security skills

Course Syllabus

Lesson 01: Module Overview

Lesson 02: Auditing

Lesson 03: Database Vault

- Database Vault

- Database Vault Factors, Rules, and Rule Sets
- Predefined Reports
- Command Rules
- Database Vault Operations Control

Lesson 04: Database Security Assessment Tool

- Database Security Assessment Tool
- Discover Sensitive Data-Configure the Discoverer

Lesson 05: Database Patching

- Database Patching
- Lifetime Support Policy
- Overview of the Patch Process

Lesson 06: Database Security in the Cloud