

Szkozenie: Oracle
Oracle Database 12c: Security

FORMA SZKOLENIA	MATERIAŁY SZKOLENIOWE	CENA	CZAS TRWANIA
Stacjonarne	Cyfrowe	8890 PLN NETTO*	5 dni
Stacjonarne	Tablet CTAB	9490 PLN NETTO*	5 dni
Metoda dlearning	Cyfrowe	8890 PLN NETTO*	5 dni
Metoda dlearning	Tablet CTAB	8890 PLN NETTO*	5 dni

* (+VAT zgodnie z obowiązującą stawką w dniu wystawienia faktury)

LOKALIZACJE

Kraków - ul. Tatarska 5, II piętro, godz. 9:00 - 16:00

Warszawa - ul. Bielska 17, godz. 9:00 - 16:00

DOSTĘPNE TERMINY

2019-09-09 | 5 dni | Warszawa

2019-11-18 | 5 dni | Kraków

Cel szkolenia:

This **Oracle Database 12c: Security** training teaches you how you can use Oracle Database features to meet the security, privacy and compliance requirements of your organization. You'll get the chance to interact with expert Oracle University instructors through a combination of instruction and hands-on exercises that reinforce new concepts.

Learn To:

- Understand Oracle security solutions and how they can help address your security requirements.
- Configure strong authentication for database users using PKI and Kerberos.
- Control data access using virtual private database and Oracle Label Security.
- Analyze application privileges and reduce the attack surface using Oracle Database Vault Privilege Analysis.
- Reduce risk of data exposure using Oracle Advanced Security Data Redaction, Transparent Data Encryption and Oracle Data Masking.
- Audit activity inside the database using policy and condition based unified auditing.
- Configure network encryption to protect information in transit.
- Audit activity inside the database using policy and condition based unified auditing.

- Protect against application bypass using Oracle Database Vault Realms.

Plan szkolenia:

- Introduction
 - Course Objectives
 - Course Schedule and Appendices
- Understanding Security Requirements
 - Fundamental Data Security Requirements
 - Security Risks
 - Exploits
 - Techniques to Enforce Security
- Choosing Security Solutions
 - Network Access Control
 - Database Access Control
 - Data Access Control
 - Data Confidentiality
 - Data Integrity
 - Audit
 - Compliance
- Implementing Basic Database Security
 - Database Security Checklist
 - Reducing Administrative Effort
 - Principle of Least Privilege
 - Objects Protection
- Securing Data on the Network
 - Network Access Control
 - Listener Security
 - Listener Usage Control
- Using Basic and Strong User Authentication
 - Basic Authentication
 - Strong Authentication
 - Database Link Passwords Protection
- Configuring Global User Authentication
 - About Enterprise User Management (EUS)
 - EUS and Oracle Internet Directory Integration

- Using Proxy Authentication
 - Security Challenges of Three-Tier Computing
 - Proxy Authentication Solutions
- Using Privileges and Roles
 - Separation of Duties
 - Roles Management
 - Managing Security for Definer's Rights and Invoker's Rights
 - Managing RMAN Virtual Private Catalogs
- Using Privilege Analysis
 - Privilege Analysis Flow
 - Privilege Analysis Implementation
- Using Application Contexts
 - Description of Application Context
 - Application Context Implementation
- Implementing Virtual Private Database
 - Fine-Grained Access Control and VPD
 - FGAC Policies Management
 - VPD Policies Management
- Implementing Oracle Label Security
 - Access Control Overview
 - Oracle Label Security Registration
 - Oracle Label Security Policies Management
- Redacting Data
 - Redacting Data
 - Masking Policies Implementation
- Using Oracle Data Masking
 - Overview
 - Data Masking Definition Implementation
 - Data Masking Process
- Using Transparent Sensitive Data Protection
 - TDPS Implementation
- Encryption Concepts and Solutions
 - Concepts
 - Solutions
 - Oracle Solutions
- Encrypting with DBMS_CRYPT Package

- Usage
- Using Transparent Data Encryption
 - Overview
 - The Master Keys and the Keystore
 - Hardware Keystore
 - Encryption
- Database Storage Security
 - RMAN and OSB Backups
 - RMAN Encryption Modes
 - Data Pump Export and Import of Encrypted Data
- Using Unified Audit
 - Auditing Overview
 - Unified Audit Management
 - Specific Audit Situations
- Using Fine-Grained Audit
 - Comparison with Unified Auditing
 - Overview
 - FGA Implementation

Wymagania:

- Good knowledge of Oracle Database
- Oracle Database 12c: Administration Workshop Ed 2
- Perform RMAN backup and recovery
- Use Oracle Data Pump export and import
- Create and manage users, roles, and privileges
- Administer listeners

Poziom trudności



Certyfikaty:

Uczestnicy szkoleń otrzymają zaświadczenia o ukończeniu kursu sygnowane przez firmę Oracle.

Prowadzący:

Autoryzowany wykładowca Oracle.