

CURSO Oracle® Database 12c: Security

Certificación:

*Certificado al Curso
ORACLE® Security
por EUD.

Duración:

40 Horas

Tipo de Curso:

Online / Presencial

Idioma:

Español, Material en Inglés

CONTACTO

Fundación de Egresados de la Universidad Distrital

Bogotá D.C. / Colombia

Cr. 20 # 32 A - 45

PBX: 7561133

info@egresadosudistrital.edu.co

Correo Electrónico

info@egresadosudistrital.edu.co

Más Información

www.egresadosudistrital.edu.co

CONTENIDO TEMÁTICO

Introduction

- Course Objectives
- Course Schedule and Appendices

Understanding Security Requirements

- Techniques to Enforce Security
- Fundamental Data Security Requirements
- Exploits o Security Risks

Choosing Security Solutions

- Data Integrity
- Data Confidentiality
- Audit
- Data Access Control
- Compliance
- Network Access Control
- Database Access Control

Implementing Basic Database Security

- Reducing Administrative Effort
- Objects Protection
- Principle of Least Privilege
- Database Security Checklist

Securing Data on the Network

- . Listener Usage Control
- . Listener Security
- . Network Access Control

Using Basic and Strong User Authentication

- Basic Authentication
- Strong Authentication
- Database Link Passwords Protection

Using Proxy Authentication

- Security Challenges of Three-Tier Computing
- Proxy Authentication Solutions

Using Privileges and Roles

- Separation of Duties
- Roles Management
- Managing RMAN Virtual Private Catalogs
- Managing Security for Definer's Rights and Invoker's Rights

Using Privilege Analysis

- Privilege Analysis Implementation
- Privilege Analysis Flow

Using Application Contexts

- Application Context Implementation
- Description of Application Context

CURSO Oracle® Database 12c: Security

Certificación:

*Certificado al Curso
ORACLE® Security
por EUD.

Duración:

40 Horas

Tipo de Curso:

Online / Presencial

Idioma:

Español, Material en Inglés

CONTACTO

Fundación de Egresados de la Universidad Distrital

Bogotá D.C. / Colombia

Cr. 20 # 32 A - 45

PBX: 7561133

info@egresadosudistrital.edu.co

Correo Electrónico

info@egresadosudistrital.edu.co

Más Información

www.egresadosudistrital.edu.co

CONTENIDO TEMÁTICO

Implementing Virtual Private Database

- FGAC Policies Management
- VPD Policies Management
- Fine-Grained Access Control and VPD

Implementing Oracle Label Security

- Oracle Label Security Policies Management
- Access Control Overview
- Oracle Label Security Registration

Redacting Data

- How to Redact Data?
- Masking Policies Implementation

Use Oracle Data Masking and Subsetting

- Data Masking Definition & Implementation
- Process of Data Masking
- Process of Data Subsetting

Using Transparent Sensitive Data Protection

- TDPS Implementation

Encryption Concepts and Solutions

- Oracle Solutions
- Concepts & Solutions

Encrypting with DBMS_CRYPTO Package

- Usage

Use Transparent Data Encryption

- Hardware Keystore
- The Master Keys and the Keystore
- Encryption

Database Storage Security

- RMAN Encryption Modes
- RMAN and OSB Backups
- Data Pump Export and Import of Encrypted Data

Using Unified Audit

- Overview of Auditing
- Specific Audit Situations
- Unified Audit Management

Using Fine-Grained Audit

- Comparison with Unified Auditing
- Implementation of FGA