



*Training Course:
Database Security*

*7 - 11 March 2027
Cairo (Egypt)*

Training Course: Database Security

Training Course code: IT235040 From: 7 - 11 March 2027 Venue: Cairo (Egypt) - Training Course Fees: 4100 € Euro

Introduction:

With the growing reliance on data in today's business environment, protecting databases from unauthorized access, breaches, and cyber threats has become critical. This training program provides participants with essential knowledge of database security principles and industry best practices to ensure the confidentiality, integrity, and availability of organizational data.

Objectives:

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

- Understand the basics of database security and common threats
- Identify vulnerabilities in databases and assess the risks
- Develop skills to secure databases against attacks and breaches
- Implement security measures and best practices to protect data
- Monitor and manage database security

Target Audience:

- IT professionals
- Database administrators
- Security professionals
- Professionals responsible for managing and securing databases
- Executives and managers seeking to understand database security and its organizational impact

Outline:

Day 1: Introduction to Database Security

- Definition of database security
- Importance of database security
- Types of database threats
- Security best practices for databases

Day 2: Vulnerabilities and Risks in Databases

- Common vulnerabilities in databases
- Types of attacks on databases
- Risk assessment for databases
- Security audits and compliance

Day 3: Securing Databases

- Authentication and authorization
- Encryption and decryption
- Access control and permissions
- Backup and recovery

Day 4: Database Security Measures and Best Practices

- Network security and database hardening
- Firewall and intrusion detection
- Database patching and upgrades
- Secure coding and application security

Day 5: Database Security Management

- Database security monitoring and logging
- Incident response and disaster recovery
- Compliance and regulatory requirements
- Database security training and awareness

Registration form on the Training Course: Database Security

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