# €TRAINING

## Chief Information Security Officer (CISO) Program

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## Introduction:

This course is designed for IT professionals who are looking to take on the role of Chief Information Security Officer CISO in an organization. The course will cover key concepts and skills in information security, including risk management, security governance, incident response, and compliance.

## Course Objectives:

At the end of this course, the participants will learn about:

- Understand the role and responsibilities of the CISO
- Learn how to implement and manage an information security program
- Understand how to manage and mitigate security risks
- Learn how to ensure compliance with relevant regulations and standards
- Understand incident response and crisis management

## Targeted Audience:

- IT professionals, security professionals, and other professionals who want to improve their knowledge and skills in information security and take on the role of CISO.

## Outlines:

### Unit 1: Introduction to the Role of the CISO

- Introduction to the role and responsibilities of the CISO
- Implementing and managing an information security program
- Understanding and managing security risks
- Ensuring compliance with relevant regulations and standards
- Incident response and crisis management

### Unit 2: Security Governance and Risk Management

- Security governance best practices
- Identifying, assessing, and mitigating security risks
- Security risk management frameworks and standards
- Business continuity and disaster recovery planning
- Cybersecurity insurance and risk transfer

### Unit 3: Compliance and Regulations

- Understanding relevant compliance regulations and standards e.g., HIPAA, PCI-DSS, SOC2
- Compliance program development and management
- Auditing and testing compliance
- Incident reporting and breach notification
- Understanding the role of government and regulatory bodies in information security

## Unit 4: Identity and Access Management

- Understanding identity and access management IAM
- IAM frameworks and standards e.g., NIST
- Authentication and authorization
- Managing user access and privileges
- Review of key concepts and case studies

## Unit 5: Final Review and Assessment

- Review of key concepts and course wrap-up
- Q&A session
- Group discussion
- Role-playing exercises