Certified Information Systems Security Professional CISSP

Lyon (France)

10 - 14 March 2025

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Certified Information Systems Security Professional CISSP

Introduction

The Certified Information Systems Security Professional CISSP course is a comprehensive and advanced training program designed to equip participants with the knowledge and skills required to excel in the dynamic field of information security. This CISSP certification training is meticulously crafted to address the latest challenges and emerging threats faced by organizations in safeguarding their critical assets and information systems. By participating in this course, individuals will gain a deep understanding of key concepts and best practices to successfully achieve the globally recognized CISSP certification and become proficient Certified Information Systems Security Professionals.

The CISSP certification is globally respected, offering professionals a competitive edge in the cybersecurity field. Whether you're asking yourself, "What is CISSP?" or exploring CISSP training courses, this course will prepare you for the CISSP certification requirements and ensure that you're well-prepared for CISSP certification preparation. Participants will learn how to identify, assess, and mitigate security risks, making them valuable assets to any organization.

Course Objectives

- Provide participants with an in-depth understanding of the eight domains of the CISSP Common Body of Knowledge CBK, including Security and Risk Management, Asset Security, Security Architecture and Engineering, Communication and Network Security, Identity and Access Management IAM, Security Assessment and Testing, Security Operations, and Software Development Security.

- Equip participants with the expertise to develop, implement, and manage robust information security programs aligned with organizational objectives and compliance requirements, positioning them for success in the CISSP certification training and beyond.

- Enable participants to effectively identify, assess, and mitigate various types of security risks and vulnerabilities across diverse IT environments, from traditional to cloud-based infrastructures.

- Enhance participants' ability to design and deploy secure architectures, technologies, and solutions to protect against evolving cyber threats, leveraging the best CISSP course methods and best practices.

- Empower participants to apply industry-leading security frameworks, standards, and best practices to enhance the resilience and integrity of information systems and assets, thus achieving CISSP certification benefits.

Course Outlines

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Day 1: Introduction to CISSP and Security Governance

- Overview of CISSP certification and CBK domains.
- Core Security and Risk Management principles and concepts.
- Legal, regulatory, and ethical considerations in CISSP.
- Developing security policies, standards, procedures, and guidelines.
- Governance, Risk Management, and Compliance GRC frameworks.

Day 2: Asset Security and Security Architecture

- Asset classification and management strategies.
- Data privacy and protection mechanisms.
- Security architecture principles and models.
- Secure design principles for network and systems architecture.
- Introduction to cryptography and encryption techniques.

Day 3: Communication and Network Security

- Secure communication channels and protocols.
- Considerations for network architecture and design.
- Secure transmission media and technologies.
- Network access control and perimeter security.
- Wireless security and mobile device management.

Day 4: Identity and Access Management IAM and Security Assessment

- Identity management and access control models.
- Authentication and authorization mechanisms.
- Security assessment and testing methodologies.
- Vulnerability assessment and penetration testing.
- Security audits and compliance assessments.

Day 5: Security Operations and Software Development Security

- Incident response and management procedures.
- Disaster recovery and business continuity planning.
- Security operations management.
- Secure software development lifecycle SDLC practices.
- Code reviews, secure coding guidelines, and application security testing.

Conclusion

By the end of this course, participants will be prepared to take the next steps in CISSP certification preparation, equipped with practical knowledge to excel in CISSP certification exams and become leading experts in cybersecurity. With the training from this CISSP course, you⬛ll understand the CISSP meaning and be ready to face modern security challenges.

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