CompTIA Advanced Security Practitioner (CASP) - Retired2020

Modality: On Demand

Duration: 19 Hours

This course prepares you for the CAS-003 Exam leading to CAS-003 Certification. This course does not include the Official Exam Voucher, however, you can request to purchase the Official Exam Voucher separately.

About this course:

The CompTIA Advanced Security Practitioner (CASP) certification training establishes knowledgeable professionals in the field of advanced security practices. Students will first learn about the enterprise security architecture, security technology and resource technology. Students will then learn security design and solutions, application security design, managing risk, security policies, security procedures and enterprise security integration. Finally, they will learn about security research and analysis, disaster recovery and business continuity, managing risk in projects, legal issues and judgment and decision-making. This certification course will help the students in the preparation for CompTIA CAS-002 & CAS-003 exam.

The average salary for CompTIA Advanced Security Practitioners and related IT security certification is **$79,730** per year.

Course Objective:

After completing this course, students will be able to:

- Successfully prepare for the CompTIA Advanced Security Practitioner (CASP) Certification Exam
- Investigate enterprise storage requirements
- Examine risk management security policies and procedures
- Research potential threats and identify appropriate countermeasures
- Evaluate collaboration methodologies for security communications

Audience:

This course is intended for:

- IT security professional who has a minimum of 10 years experience in IT administration

Prerequisites:

- Ten years of IT administration experience, including at least five years of hands-on technical security experience

Suggested prerequisites courses:

- [Certified Security Leadership Officer](#)
- [Certified Information Security Manager (CISM)](#)

Course Outline:

- **Course Introduction**
- Module 01 - The Enterprise Security Architecture
- Module 02 - The Enterprise Security Technology
- Module 03 - Enterprise Resource Technology
- Module 04 - Security Design and Solutions
- Module 05 - Managing Risk in Projects
- Module 06 - Integrating Advanced Authentication and Authorization Techniques
- Module 07 - Implementing Cryptographic Techniques
- Module 08 - Integrating Hosts, Storage, Networks, and Applications in a Secure Enterprise Architecture
- Module 09 - Security Research and Analysis
- Module 10 - Disaster Recovery and Business Continuity
- Module 11 - Responding to and Recovering from Incidents
- Module 12 - Legal Issues
- Module 13 - Judgment and Decision-Making
- Course Conclusion

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