CompTIA Advanced Security Practitioner (CASP+)

Duration: 365 Days   Course Code: GK2951   Version: CAS-004   Delivery Method: Elearning (Self-paced)

Overview:

CompTIA Advanced Security Practitioner (CASP+) is an advanced-level cybersecurity certification for security architects and senior security engineers charged with leading and improving an enterprise's cybersecurity readiness. CASP+ is an advanced-level cybersecurity certification covering technical skills in security architecture and senior security engineering in traditional, cloud, and hybrid environments, governance, risk, and compliance skills, assessing an enterprise's cybersecurity readiness, and leading technical teams to implement enterprise-wide cybersecurity solutions. Successful candidates will have the knowledge required to:

Architect, engineer, integrate, and implement secure solutions across complex environments to support a resilient enterprise
Use monitoring, detection, incident response, and automation to proactively support ongoing security operations in an enterprise environment
Apply security practices to cloud, on-premises, endpoint, and mobile infrastructure, while considering cryptographic technologies and techniques
Consider the impact of governance, risk, and compliance requirements throughout the enterprise

CASP+ is compliant with ISO 17024 standards and approved by the US DoD to meet directive 8140/8570.01-M requirements. Regulators and government rely on ANSI accreditation, because it provides confidence and trust in the outputs of an accredited program. Over 2.3 million CompTIA ISO/ANSI-accredited exams have been delivered since January 1, 2011.

e-Learning

Interactive self-paced content that provides flexibility in terms of pace, place and time to suit individuals and organisations. These resources also consist of online books, educational podcasts and vodcasts, and video-based learning.

Target Audience:

Security ArchitectSenior Security EngineerSOC ManagerSecurity Analyst

Objectives:

■ **Security Architecture**

■ Expanded coverage to analyze security requirements in hybrid networks to work toward an enterprise-wide, zero trust security architecture with advanced secure cloud and virtualization solutions.

■ **Governance, Risk, and Compliance**

■ Expanded to support advanced techniques to prove an organization's overall cybersecurity resiliency metric and compliance to regulations, such as CMMC, PCI-DSS, SOX, HIPAA, GDPR, FISMA, NIST, and CCPA.

■ **Security Operations**

■ Expanded emphasis on newer techniques addressing advanced threat management, vulnerability management, risk mitigation, incident response tactics, and digital forensics analysis.

■ **Security Engineering and Cryptography**

■ Expanded to focus on advanced cybersecurity configurations for endpoint security controls, enterprise mobility, cloud/hybrid environments, and enterprise-wide PKI and cryptographic solutions

Prerequisites:

Attendees should meet the following prerequisites:

■ CompTIA Sec+
■ G013 - CompTIA Security+

Testing and Certification

Recommended as preparation for the following exam:

■ CompTIA CASP+ (CAS-004)

Content:

Lesson 1: Perform Risk Management Activities	Lesson 5: Performing Software Integration	Lesson 9: Implementing Cryptography
Lesson 2: Summarizing Governance ; Compliance Strategies	Lesson 6: Explain Virtualization, Cloud and Emerging Technology	Lesson 10: Implementing Public Key Infrastructure (PKI)
Lesson 3: Implementing Business Continuity ; Disaster Recovery	Lesson 7: Exploring Secure Configurations and System Hardening	Lesson 11: Architecting Secure Endpoints
		Lesson 12: Summarizing IIoT ; IoT Concepts
Lesson 4: Identifying Infrastructure Services	Lesson 8: Understanding Security Considerations of Cloud and Specialized Platforms	

Additional Information:

This product includes the following;
(1)   CompTIA CASP+ Exam Voucher
(2)   CompTIA Integrated CertMaster Learn + CompTIA Labs for CASP+ (CAS-004)
(3)   CompTIA CertMaster Practice
CertMaster Learn Licenses
CertMaster Learn licenses are valid for 12 months and can be used on a desktop or web browser. Internet connection is required.
Course InfoCertMaster Learn available for CASP+ (CAS-004) coursesIndividual licenses available

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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