

CompTIA CASP

What is it?

CompTIA Advanced Security Practitioner (CASP) is the ideal certification for advanced practitioners of cybersecurity. CASP is intended for those technical professionals who wish to remain immersed in technology as opposed to managing cybersecurity policy and frameworks.

Why is it different?

CASP is for practitioners - not managers - at the advanced skill level of cybersecurity. While cybersecurity managers help identify what cybersecurity policies and frameworks could be implemented, CASP-certified professionals figure out how to implement solutions within those policies and frameworks.

About the exam

The CompTIA Advanced Security Practitioner certification validates advanced-level competency in enterprise security; risk management; incident response; research and analysis; and integration of computing, communications and business disciplines.

Successful candidates will have the knowledge required to:

- Conceptualize, engineer, integrate and implement secure solutions across complex enterprise environments to build resilient networks
- Apply critical thinking and judgment across a broad spectrum of security disciplines to propose and implement sustainable security solutions that map to organizational strategies
- Translate business needs into security requirements
- Analyze risk impact
- Supervise and respond as team lead to security incidents



Exam

CAS-002

Release Date

January 2015

List Price

\$426

Languages

English

CE Required?

Yes

Accreditation


Accredited by ANSI to show compliance with the ISO 17024 Standard. It is also approved by the DoD for Directive 8140/8570.01-M.

What's in this version?

CompTIA updated CASP in January 2015 to address current risks and incident response scenarios inherent with cyber warfare, modern hacking techniques and the cloud. A sample of significant changes include:

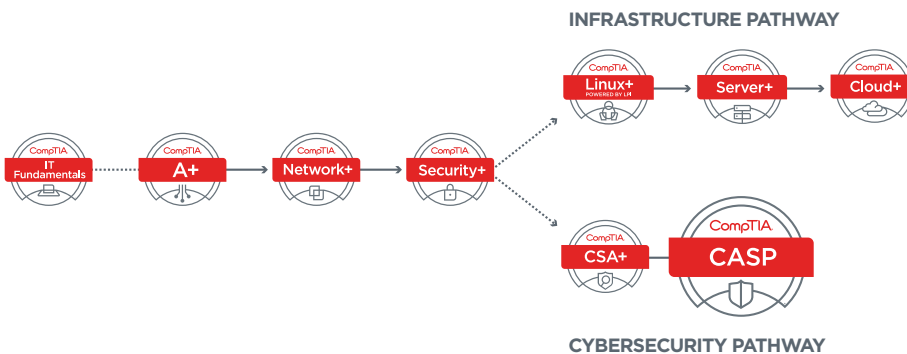
- Scenario-based objectives to evaluate technical troubleshooting and judgement
- Broader coverage of cryptographic concepts and methods
- Increased secure storage, specifically on encryption, data confidentiality and the cloud
- Tracking technologies in asset management, including categorizing of systems
- Technical side of secure integration across the enterprise was expanded into a new domain

How does CASP Compare to Alternatives?

		 Certified Information Systems Security Professional	
Certification	CASP	CISSP	GIAC Certified Enterprise Defender (GCED)
Performance-based Questions	Yes	No	No
Exam Length	90 questions, 165 minutes	250 questions, 6 hours	115 questions, 3 hours
Experience Level	Advanced	Advanced	Advanced
Exam Focus	Cybersecurity Practitioner Skills	Cybersecurity Management Skills	Cybersecurity Practitioner Skills
Pre-requisites	Recommend 10 years of IT administration, including 5 years hands on technical security experience.	Documented proof of minimum 5 years full time IT work experience.	None. However, students should be aware of the technical level required for the certification.
Price	\$426	\$599	\$629

CompTIA Certification Pathway

CompTIA certifications align with the skillsets needed to support and manage IT infrastructure. Enter where appropriate for you. Consider your experience and existing certifications or course of study.



Top CASP Job Roles

- Cyber Security / IS Professional
- Information Security Analyst
- Security Architect
- IT Specialist INFOSEC
- IT Specialist, Cybersecurity
- Cybersecurity Risk Manager
- Cybersecurity Risk Analyst

Technical Areas Covered in the Certification

<p style="text-align: center;">Enterprise Security 30%</p> <ul style="list-style-type: none">• Select appropriate cryptographic concepts and techniques.• Explain the security implications associated with enterprise storage.• Analyze network and security components, concepts and architectures.• Select and troubleshoot security controls for hosts.• Differentiate application vulnerabilities and select appropriate security controls.	<p style="text-align: center;">Risk Management and Incident Response 20%</p> <ul style="list-style-type: none">• Interpret business and industry influences and explain associated security risks.• Execute risk mitigation planning, strategies and controls.• Compare and contrast security, privacy policies, and procedures based on organizational requirements.• Conduct incident response and recovery procedures.	<p style="text-align: center;">Research and Analysis 18%</p> <ul style="list-style-type: none">• Apply research methods to determine industry trends and impact to the enterprise.• Analyze scenarios to secure the enterprise.• Select methods or tools appropriate to conduct an assessment and analyze results.
<p style="text-align: center;">Integration of Computing, Communications and Business Disciplines 18%</p> <ul style="list-style-type: none">• Facilitate collaboration across diverse business units to achieve security goals.• Select the appropriate control to secure communications and collaboration solutions.• Implement security activities across the technology life cycle.	<p style="text-align: center;">Technical Integration of Enterprise Components 16%</p> <ul style="list-style-type: none">• Integrate hosts, storage, networks and applications into a secure enterprise architecture.• Integrate advanced authentication and authorization technologies to support enterprise objectives.	

“I needed to establish my career. In this profession, a person who has certifications is more recognized in the market.”

Wanderley Martins

CASP-certified Senior Security Specialist, Capgemini-Brazil

Organizations that use CompTIA CASP

- Verizon Telematics
- US Navy
- US Army
- Network Solutions, LLC
- One Source Technologies Inc.
- Booz Allen Hamilton Inc.

Research and Statistics

Job Growth

Cybersecurity jobs are predicted to grow **more than five times** the national average through 2022.¹

Growing Priority

About **8 in 10 managers responsible for security** at their firms across 12 countries covered in CompTIA's *International Trends in Cybersecurity* expect security to become an even higher priority over the next two years.²

“CASP is unique because it focuses on the hands-on skills required to identify and solve advanced, enterprise-level cybersecurity breaches; it applies the lessons learned to create resilient networks.”

Patrick Lane, Director, Products, Skills Certification, CompTIA

1. Bureau of Labor Statistics, Occupational Outlook 2015
2. CompTIA International Trends in Cybersecurity, April 2016