



Build the Core Cyber Skills Every Org Needs With CompTIA Security+ V7

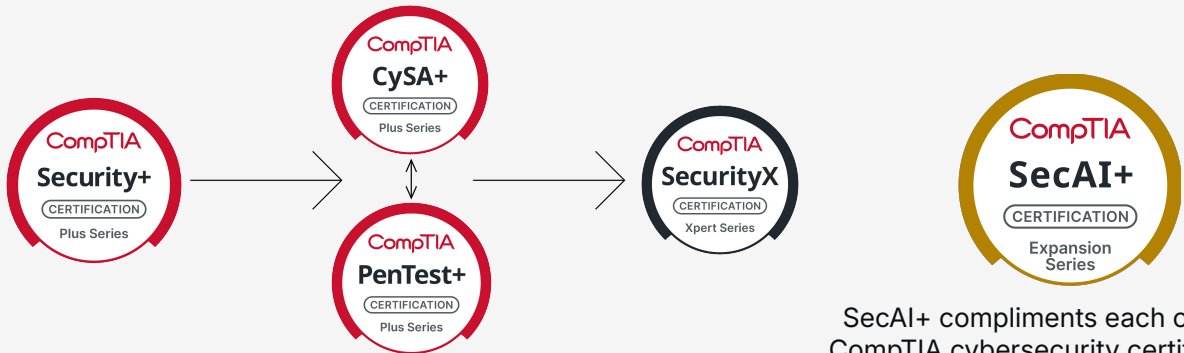
A globally trusted, vendor-neutral certification that validates essential cybersecurity skills for today's IT and security professionals.



Turn cybersecurity knowledge into job-ready skills

CompTIA Security+ is the premier global certification that establishes the essential skills required for core security functions and a career in IT security. It showcases professionals' capabilities in securing networks, applications, and devices, ensuring data integrity, confidentiality, and availability. CompTIA Security+ focuses on practical, hands-on skills to tackle real-world challenges. As the most widely recognized credential, it is invaluable for advancing in the dynamic field of cybersecurity.

CompTIA Cyber Pathway



SecAI+ compliments each of these CompTIA cybersecurity certifications

Skills You'll Learn

- Identify various types of threats, attacks, and vulnerabilities, including malware, social engineering, and application attacks.
- Utilize security technologies and tools, such as firewalls, intrusion detection systems, and endpoint security, to protect systems.
- Design secure network architectures, implement secure systems, and apply secure protocols for architecture and design.
- Manage identity and access concepts, including authentication, authorization, and accounting, to ensure secure access control.
- Assess and manage risk through risk analysis, mitigation strategies, and business continuity planning.
- Apply cryptography concepts, including encryption algorithms, public key infrastructure (PKI), and digital signatures, to secure data.
- Implement compliance and operational security measures, including security policies, procedures, and best practices.

Exam Objectives

- General security concepts (12%)
- Threats, vulnerabilities, and mitigations (22%)
- Security architecture (18%)
- Security operations (28%)
- Security program management and oversight (20%)

Recommended Experience

A minimum of 2 years of hands-on experience in IT administration with a focus on security, and CompTIA Network+ or equivalent experience.



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Security+ is designed to complement, and elevate, professionals in roles such as:

Job Role	Job Task	Job Task
Security Administrator	Implements and manages security controls across endpoints, networks, and cloud platforms.	Monitors alerts, enforces access controls, and supports incident response processes.
Network Administrator / Network Engineer	Designs and maintains secure network architectures using segmentation and secure access.	Implements VPNs, wireless security, and intrusion detection and prevention controls.
SOC Analyst / Security Operations Analyst	Monitors SIEM and security tools for suspicious activity and indicators of compromise.	Analyzes logs, escalates incidents, and supports containment and recovery efforts.
Incident Response / Digital Forensics Technician	Assists with identifying, investigating, and responding to security incidents.	Collects evidence, analyzes artifacts, and supports post-incident reviews.
Advanced IT Support / Tier II Help Desk	Recognizes and escalates potential security incidents such as phishing and malware.	Enforces security best practices for users, endpoints, and identity controls.

How Security+ Keeps You Competitive

Build a Strong Cybersecurity Foundation

Cybersecurity skills are critical across IT, cloud, and infrastructure roles. Security+ validates a comprehensive, baseline skill set that employers consistently require.

Stand Out with Vendor-Neutral Skills

Unlike vendor-specific certifications, Security+ confirms your ability to work across platforms, tools, and environments, making your skills more flexible and marketable.

Prepare for Career Advancement

Security+ is widely recognized as a stepping stone to advanced security roles and certifications such as CySA+, PenTest+, and SecurityX.

Demonstrate Real-World Readiness

Through hands-on, performance-based testing, Security+ shows employers you can apply security concepts in practical, real-world situations.