CompTIA

PRODUCT PROFILE:

CompTIA SecurityX (Formerly CASP+) (CAS-005)

OVERVIEW

CompTIA SecurityX serves as the capstone certification in the CompTIA Cybersecurity Career Pathway, intended to be the final certification for those seeking to prove their mastery of advanced cybersecurity skills. Targeted at professionals with 5 to 10 years of experience, SecurityX represents the pinnacle of cybersecurity certifications. It is specifically designed for senior security engineers and security architects tasked with leading and improving an enterprise's cybersecurity readiness.

LEARNER BENEFITS

- Individuals who have passed this exam have proven that they can design and implement effective cybersecurity solutions on complex enterprise networks that exist on premises and in the cloud.
- SecurityX certification communicates that learners have the mastery-level skills of an enterprise-level Security Architect and Senior Security Engineer. They can design, assess, fix, automate, and operate a secure enterprise network while complying with various governance, risk, and compliance requirements.
- Earning the SecurityX certification gives learners an internationally recognized, vendor-neutral credential. They can demonstrate their competency in technical integration of enterprise business goals, secure systems design, senior engineering, and security architecture.
- Information security threats are rising around the world, leaving organizations increasingly concerned over lack of adequately trained IT security staff. A SecurityX certification qualifies learners to assess, manage, and protect their enterprise-wide cybersecurity needs using the latest techniques and best practices.

KEY FEATURES

TRAINING DELIVERY OPTIONS

- Private cohort
- Self-paced
- Mentored learning
- Instructor-led training

TRAINING DURATION OPTIONS

- 5 days
- 8 weeks
- 13 weeks
- Custom options

AVAILABLE PRODUCT OPTIONS

- *New* CertMaster Perform
- CertMaster Labs
- CertMaster Practice
- Instructor and student eBook

JOB ROLES

PRIMARY

- Security Architect
- Senior Security Engineer

SECONDARY

- Information Security Officer

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CASP+ NAME CHANGE TO SECURITYX

CompTIA Advanced Security Practitioner (CASP+) will be re-branded to CompTIA SecurityX with the next exam version CAS-005. The name change emphasizes the advanced, or "Xpert" level, certifications in the CompTIA portfolio. This name change will not affect the status of current CASP+ certification holders or the continuing education (CE) program. Those with an active CASP+ certification will automatically receive the rebranded SecurityX badge and can download a new certificate and transcript in CertMetrics. The certification will continue to:

- Validate job tasks performed by a security professional with 10 years of IT experience and 5 years of security experience
- Be designed around the tasks performed by senior security engineer and security architect roles
- Be a natural progression from the job roles aligned to Security+

PREREQUISITE COURSES / KNOWLEDGE BANNER

Target audience: Minimum 10 years general hands-on IT experience, 5 years being hands-on security, with Network+, Security+, CySA+, Cloud+ and PenTest+ or equivalent knowledge.

WELL-PAYING POSITIONS

The advertised median annual salary for security architects in the US is $150,270. This is 213% higher than the median national wage for all occupations. Security Architects in the U.S., depending on experience and skillsets, can expect to make from $106,240 for early career to $197,380 for more advanced careers.

[1] Source: U.S. Bureau of Labor Statistics

LESSON OUTLINE

- **1.0** Pre-Asseement
- **2.0** Summarizing Governance, Risk, and Compliance
- **3.0** Implementing Architecture & Design
- **4.0** Understanding Security Engineering
- **5.0** Applying Security Operations & Incident Response
- **A.0** CompTIA SecurityX CAS-005 Practice Materials
- **B.0** Practice Exam Module

EXAMPLE PRODUCT USAGE

- Use CertMaster Perform in environments where value is attributed to learners working in actual software they will use on the job.
- Use CertMaster Lab to apply what has been learned and demonstrate the skills achieved through a series of live and simulated labs.
- Use CertMaster Practice for additional assessment practice to prepare for the certification exam.

COMPTIA SECURITYX (CAS-005) EXAM DOMAINS

- **1.0** Governance, Risk and Compliance 20%
- **2.0** Security Architecture 27%
- **3.0** Security Engineering 31%
- **4.0** Security Operations 22%

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LEARNER OUTCOMES

Today's job market demands individuals have demonstrable skills. The information and activities in this course can help build cloud administration skill sets to confidently perform duties in any entry-level cloud administrator role.

Cloud+ can unlock a diverse range of career paths, from systems administration and support to cloud engineering, creating opportunities for advancement and specialization in the rapidly evolving IT industry.

The CompTIA SecurityX certification exam will certify the successful candidate has the knowledge and skills required to:

- Architect, engineer, integrate, and implement secure solutions across complex environments to support a resilient enterprise.
- Use automation, monitoring, detection, and incident response to proactively support ongoing security operations in an enterprise environment.
- Apply security practices to cloud, on-premises, and hybrid environments.
- Consider cryptographic technologies and techniques, as well as the impact of emerging trends (e.g. artificial intelligence) on information security.
- Use the appropriate governance, compliance, risk management, and threat modeling strategies throughout the enterprise.

SecurityX is compliant with ISO/ANSI 17024 standards and approved by the U.S. DoD to meet Directive 8140.03M requirements. CompTIA SecurityX (formerly CASP+) maps to 19 NICE work roles and 19 DoD Cyber Work Force (DCWF) work roles used in the DoD 8140.03 manual.

EXAM DETAILS

Launch date – December 2024
Number of questions – Maximum of 90 questions
Type of questions – Multiple choice and performance-based
Length of test – 165 minutes
Passing score – Pass/fail only; no scaled score.

[1] Source: U.S. Bureau of Labor Statistics