

PRODUCT PROFILE:

CompTIA SecAI+

Overview

CompTIA SecAI+ enables a safer digital future by empowering IT and cybersecurity talent worldwide to meet the emerging challenges and opportunities at the intersection of AI and security.

CompTIA SecAI+ is the global IT industry's first comprehensive "expansion" certification focused on the security of artificial intelligence systems and the secure application of AI in cybersecurity operations. This certification equips professionals with critical, vendor-neutral skills to understand, defend, and ethically deploy AI technologies within any organization.

Learner Benefits

SecAI+ equips candidates to secure, govern, and innovate with artificial intelligence, elevating resilience, compliance, and operational excellence in digital enterprises. This certification helps learners:

- Apply foundational and advanced AI concepts to strengthen organizational cybersecurity.
- Implement robust security controls and best practices for protecting AI systems and data.
- Leverage AI-driven tools to enhance threat detection, response, and automation of security operations.
- Navigate global governance, risk, and compliance frameworks to ensure responsible AI adoption.

SecAI+ Expands on CompTIA Cyber Certs

Ideal for those who currently hold a CompTIA cybersecurity certification (such as Security+, CySA+, PenTest+, etc.) or equivalent experience, and are looking to expand their skill set for evolving job roles in the context of AI technologies.

Understand CompTIA Expansion Certs

CompTIA's new expansion certifications are designed to keep IT professionals ahead of the curve by focusing on emerging technologies. Unlike traditional job role-based exams, these credentials are shorter and more focused, aiming to augment relevant skills.

Expansion certifications target highly relevant skill sets, such as AI and Automation, needed across related job roles. SecAI+ for example, benefits anyone working in cybersecurity, allowing professionals to stay up to date with the latest advancements without pursuing an entirely new job role-based certification.

Key Features

Training Delivery Options

- Self-paced
- Instructor-led training

Available Product Options

- CertMaster Perform
- CertMaster Labs
- CertMaster Study

Prerequisites

This is equivalent to 3–4 years of IT experience with approximately 2 years of hands-on cybersecurity experience.

Accreditation

CompTIA SecAI+ is designed to be in compliance with ISO 17024 accreditation via ANAB.

Approximate time for the course

The total time for the CertMaster Perform SecAI+ course is approximately 23 hours and 0 minutes.

Learner Outcomes

Learners will develop practical, job-ready skills for recognizing and responding to AI-driven threats, such as prompt injection, model abuse, data leakage, and adversarial attacks. They will be able to apply secure-by-design principles to AI use cases, policies, and workflows. Upon completion, learners will be prepared to contribute to risk management, governance, and incident response activities involving AI.

SecAI+ also provides a verifiable way to demonstrate your skills to employers, helping you stand out in a competitive market. They signal a commitment to ongoing professional development and can support career advancement, role expansion, or salary growth over time.

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Exam Objectives

- 1.0 Basic AI Concepts Related to Cybersecurity 17%
- 2.0 Securing AI Systems 40%
- 3.0 AI-assisted Security 24%
- 4.0 AI Governance, Risk, and Compliance 19%

Exam Details

- **Exam version:** V1
- **Exam series code:** CY0-001
- **Launch date:** February 17, 2026
- **Number of questions:** Maximum of 60, multiple-choice and performance-based
- **Duration:** 60 minutes
- **Passing score:** 600 (on a scale of 100–900)

Course Outline for CertMaster Perform

- 1.0 Summarizing AI and Data Concepts for Cybersecurity
- 2.0 Implementing Threat Modeling and Securing AI Systems
- 3.0 Installing Access Controls for AI
- 4.0 Distinguishing AI-Related Threats and Compensating Controls
- 5.0 Leveraging AI in Security and Understanding Its Misuse
- 6.0 Understanding AI Governance, Risk, and Compliance
- A.0 SecAI+ (CY0-001) Practice Exams