

No. 154

CERTIFICATION GUIDE

CompTIA SecurityX Study Guide

A plain-language guide to CAS-005, formerly CASP+

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BEFORE YOU BEGIN

How to use this guide

What this guide covers, who it is for, and how to use it.

CompTIA SecurityX, formerly CASP+, is CompTIA's expert-level, hands-on security certification for security architects and senior security engineers. It tests the ability to design, engineer and operate secure enterprise environments across on-premises, cloud and hybrid systems.

This guide explains SecurityX in plain language for the **CAS-005** exam, launched in December 2024. It covers exam facts, each of the four domains with diagrams, a study plan, original practice questions and exam-day advice.

What this guide is, and is not

- An independent study companion written in its own words.
- **Not** official CompTIA material; it does not reproduce exam questions or objectives.
- Use CompTIA's official CAS-005 objectives as your checklist.

Who this guide is for

- **Senior security engineers and architects.**
- **Experienced practitioners** who prefer a technical, hands-on expert credential.
- **CASP+ holders** catching up with new content.

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How the guide is organized

- **Part I — The certification** (Chapters 1–7): what SecurityX is, what changed, format, domains, the pathway, renewal and a study plan.
- **Part II — GRC and architecture** (Chapters 8–19): Domains 1 and 2.
- **Part III — Engineering and operations** (Chapters 20–32): Domains 3 and 4.
- **Part IV — Exam success** (Chapters 33–39): practice questions, performance-based questions and next steps.
- **Reference**: checklists, glossary and further reading.

Callouts

TIP

Practical study and exam advice.

IN PRACTICE

How a concept looks in real architecture work.

WATCH OUT

Common traps and misunderstandings.

KEY IDEA

The one thing to remember from a section.

A note on screens

Screens are **illustrations**, not real CompTIA exam screens or product screens.

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PART I

The certification

These chapters explain what SecurityX is and how to prepare.

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CHAPTER 1

What SecurityX is

CompTIA's expert security certification.

A definition

SecurityX validates advanced skills to architect, engineer, integrate and operate security solutions across complex environments, and to apply governance, risk and compliance at enterprise scale.

Technical leadership

Where CISSP and CISM lean toward management, SecurityX stays technical: it suits people who design and build rather than primarily manage.

KEY IDEA

SecurityX is for the person who designs how security actually works.

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CHAPTER 2

What changed

From CASP+ to SecurityX.

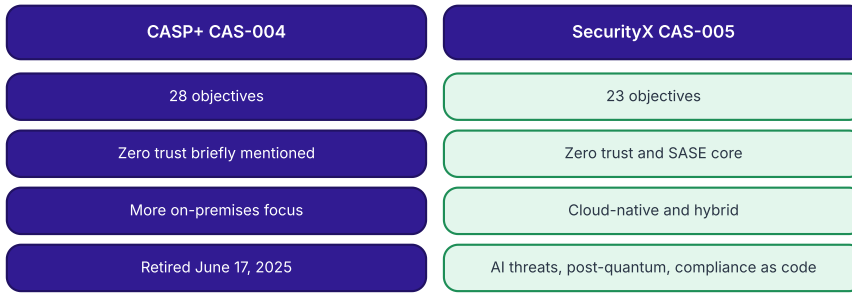


Figure 2.1 What changed with SecurityX

Existing CASP+ holders

Active CASP+ certifications were carried over to the SecurityX name, but the content gap is real, so reviewing new topics is worthwhile.

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CHAPTER 3

Exam format

The exam.

- **Questions**: up to 90, multiple choice and performance-based.
- **Time**: 165 minutes.
- **Scoring**: pass/fail; CompTIA does not publish a scaled score.
- **Recommended experience**: about ten years in IT including five hands-on in security.

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CHAPTER 4

The domains

Four domains.

Domain	Weight
1 Governance, Risk and Compliance	20%
2 Security Architecture	27%
3 Security Engineering	31%
4 Security Operations	22%

Figure 4.1 SecurityX CAS-005 domains

Heaviest domain

Security Engineering is almost a third of the exam.

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