CompTIA SecurityX Certification Prep (Exam CAS-005)

Category: Networking & Security | **Vendor:** CompTIA

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	CompTIA SecurityX
Related Exam:	CAS-005

Course Overview

Cybersecurity leaders aren't just defenders—they're strategists. The global cybersecurity workforce gap reached 4 million professionals in 2023, highlighting urgent demand for experts who can secure and lead at the enterprise level. CompTIA SecurityX (formerly CASP+) is the only advanced-level, hands-on cybersecurity certification designed for senior security engineers and architects who lead cybersecurity readiness, design secure architectures, and implement resilient enterprise defenses. SecurityX is the capstone certification in the CompTIA Cybersecurity Pathway and now forms part of the CompTIA Xpert Series. This updated CAS-005 version includes performance-based questions and maps to 19 NICE Framework roles and 19 DoD Cyber Workforce roles, making it an ideal credential for defense contractors and enterprise security leaders alike.

About This Course

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Who Should Attend

- Security Architect
- Senior Security Engineer

Prerequisites & Entry Requirements

General Prerequisites:

Participants should have:

- 10+ years of general IT experience
- 5+ years of hands-on cybersecurity experience
- Knowledge equivalent to CompTIA Network+, Security+, CySA+, Cloud+, and PenTest+

Learning Outcomes

Upon successful completion of this course, participants will be able to:

This advanced certification course prepares experienced professionals to assess cyber readiness, design enterprise-wide security architectures, and implement secure solutions across hybrid environments. You'll also gain the skills to respond to incidents, lead forensic analysis, and prove compliance against frameworks such as CMMC, NIST, GDPR, and more. Key learning outcomes include: Architect secure solutions in hybrid cloud and zero trust environments Perform advanced threat management and digital forensics Lead cybersecurity readiness assessments across the enterprise Evaluate and meet compliance for major regulatory frameworks Implement cryptographic solutions and security engineering controls

Detailed Course Outline

Pre-Assessment

- Baseline skills evaluation
- Familiarity with CAS-005 domains

Governance, Risk, and Compliance

- Prove cyber resiliency metrics
- Map controls to regulations (e.g., CMMC, NIST, GDPR)
- Risk mitigation strategies

Security Architecture

- Design hybrid and cloud-secure architectures
- Integrate Zero Trust security models
- Advanced virtualization and mobility controls

Security Engineering and Cryptography

- Implement enterprise-wide PKI
- Configure endpoint, mobile, and cloud security
- Apply secure protocols and encryption

Security Operations and Incident Response

- Vulnerability management and threat hunting
- Lead digital forensic investigations
- Coordinate response and remediation

CAS-005 Exam Preparation and Practice Materials

- Practice questions and timed drills
- Performance-based scenario exercises
- Final readiness assessment

📚 Certification Path

CompTIA SecurityX

Exam: CAS-005

Upcoming Schedule

Available training dates for CompTIA SecurityX Certification Prep (Exam CAS-005):

Start Date	End Date	Location	Delivery	Price
11 Jan 2027	15 Jan 2027	Online	Virtual	€3,295.00

Frequently Asked Questions

Q: What delivery options are available for CompTIA SecurityX Certification Prep (Exam CAS-005)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The CompTIA SecurityX Certification Prep (Exam CAS-005) course helps prepare you for the CompTIA SecurityX certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the CAS-005 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 5-day CompTIA SecurityX Certification Prep (Exam CAS-005) course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the CompTIA SecurityX Certification Prep (Exam CAS-005) training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for CompTIA SecurityX Certification Prep (Exam CAS-005)?

Yes, we provide corporate training, dedicated training, and closed classes for CompTIA SecurityX Certification Prep (Exam CAS-005). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for CompTIA SecurityX Certification Prep (Exam CAS-005)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your CompTIA SecurityX Certification Prep (Exam CAS-005) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

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