SECURITY+ SY0-601

CompTIA Security+ is an international, vendor-neutral certification that validates the baseline skills necessary to perform core security functions and pursue an IT security career.

Security+

EXAM #

SY0-601

RELEASE DATE

November 2020

LANGUAGE

English, Japanese

CE REQUIRED?

Yes

ACCREDITATION

Accredited by ANSI to show compliance with the ISO 17024 Standard. It is also approved by the DoD for Directive 8140/8570.01-M.

PREREQUISITES

CompTIA A+ and Network+ and two years of experience in IT administration with a security focus.

Where is this in the CompTIA Career Pathway?

The CompTIA Career Pathways allow IT professionals to achieve vendor-neutral intrastructure and cybersecurity mastery, from beginning to end.
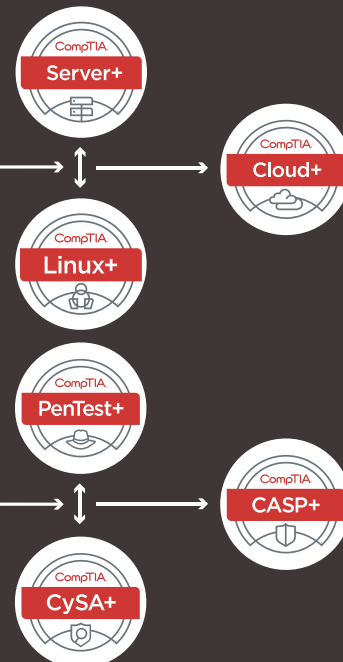
CORE SKILLS CERTIFICATIONS

INFRASTRUCTURE PATHWAY

Server+ • Cloud+ • Linux+

CYBERSECURITY PATHWAY

PenTest+ • CASP+ • CySA+

You Are Here
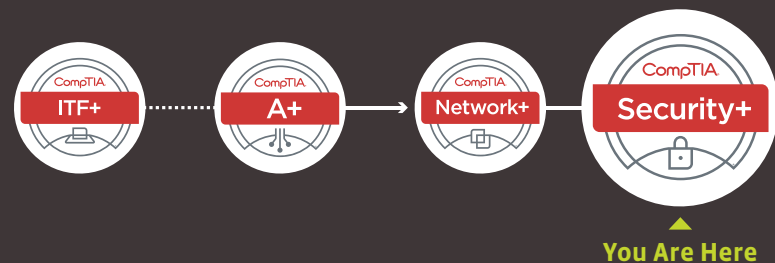
PROFESSIONAL SKILLS

Project+ • Cloud Essentials+ • CTT+

ITF+ • A+ • Network+ • Security+

About Core Skills Certifications

CompTIA's core IT skills certifications level the playing field and lay the foundation for a successful career in IT, no matter what path you take.

PURCHASE SECURITY+ $2,999

MURRAY SECURITY SERVICES
INFORMATION & CYBER SECURITY
TRAINING & CONSULTING

Murray Security Services
Contact at: info@murraysecurityservice.com
(719) 645-8504

SKILLS & COMPETENCIES

🔒 **Attacks, Threats and Vulnerabilities ›**

📐 **Architecture and Design ›**

📋 **Implementation ›**

⚙️ **Operations and Incident Response ›**

💻 **Governance, Risk and Compliance ›**

24%
21%
25%
16%
14%
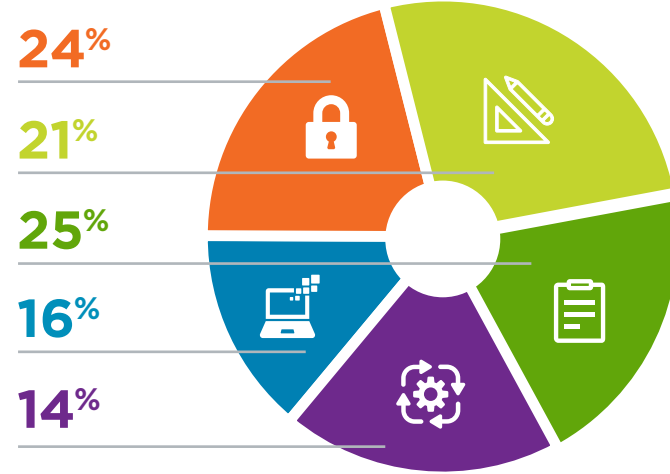
VIEW EXAM OBJECTIVES

Top Security+ Job Roles

• Security Administrator
• Systems Administrator
• Helpdesk Manager / Analyst
• Security Analyst
• Network / Cloud Engineer
• IT Auditors
• Security Engineer
• IT Project Manager

Organizations that have contributed to the development of Security+

• Target Corp.
• Ricoh
• U.S. Navy Center for Information Dominance
• RxSense
• Johns Hopkins University Applied Physics Laboratory
• Splunk
• General Dynamics IT (GDIT)

• aeSolutions
• Max Life Insurance
• Southeastern Louisiana University
• Netflix
• SecureWorks
• University of Redlands
• Spire Inc.
• Australian Information Security Association / Deakin University

How does CompTIA Security+ Compare?

Find out how CompTIA Security+ compares to the other leading certification programs.

COMPARE COMPTIA SECURITY+

OFFICIAL LEARNING RESOURCES

Overview

The Official CompTIA Security+ Instructor and Student Guides (SY0-601) have been developed by CompTIA for the CompTIA certification candidate. Rigorously evaluated to validate coverage of the CompTIA Security+ (SY0-601) exam objectives, The Official CompTIA Security+ Instructor and Student Guides teach students the knowledge and skills required to assess the security posture of an enterprise environment and recommend and implement appropriate security solutions; monitor and secure hybrid environments, including cloud, mobile, and IoT; operate with an awareness of applicable laws and policies, including principles of governance, risk, and compliance; identify, analyze, and respond to security events and incidents.

AVAILABLE OFFICIAL COMPTIA LEARNING RESOURCES FOR INSTRUCTOR-LED TRAINING

PURCHASE SECURITY+ HERE

BUY NOW (US)   **BUY NOW (OTHER COUNTRIES)**

Key Features & Benefits

✓ **Robust Assessment ›**

▤ **Reorganization Lessons ›**

📖 **Alignment and Consistency Across Book and Assessment ›**

🎥 **Engaging Video Program Developed Exclusively for CompTIA ›**

✖ **Refreshed Interior Design and Image Program ›**

Instructor Resources

| Course-specific delivery tips |
| Facilitator notes |
| Solutions to activities and discussions |
| PowerPoint slides |
| Presentation planners |
| Transition guides |

Student Resources

| eBook |
| Course files |
| Videos |
| Assessment |
| PowerPoint slides |
| Solutions to activities and discussions |

COURSE OVERVIEW

This course is aimed towards IT professionals who install and configure systems to secure applications, networks, and devices; perform threat analysis and respond with appropriate mitigation techniques; participate in risk mitigation activities; and operate with an awareness of applicable policies, laws, and regulations.

Student Guide Lesson Overview

1 Comparing Security Roles and Security Controls
2 Explaining Threat Actors and Threat Intelligence
3 Performing Security Assessments
4 Identifying Social Engineering and Malware
5 Summarizing Basic Cryptographic Concepts
6 Implementing Public Key Infrastructure
7 Implementing Authentication Controls
8 Implementing Identity and Account Management Controls
9 Implementing Secure Network Designs
10 Implementing Network Security Appliances
11 Implementing Secure Network Protocols
12 Implementing Host Security Solutions
13 Implementing Secure Mobile Solutions
14 Summarizing Secure Application Concepts
15 Implementing Secure Cloud Solutions
16 Explaining Data Privacy and Protection Concepts
17 Performing Incident Response
18 Explaining Digital Forensics
19 Summarizing Risk Management Concepts
20 Implementing Cybersecurity Resilience
21 Explaining Physical Security

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Graded Hands-on Practice

THE NEW CERTMASTER LABS

CompTIA CertMaster Labs for Security+ (SY0-601) enable hands-on practice and skills development using real equipment and software accessed through a remote, browser-based lab environment.

Purchase Security+ Here

BUY NOW (US)

BUY NOW (OTHER COUNTRIES)

"

Earning the Security+ certification was the ace to set me apart from my peers. I wouldn't be where I am today without it.

N. Peter Caro
SENIOR INFORMATION ASSURANCE ARCHITECT, KEYW CORPORATION

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