

Why Learn CompTIA Security +?

Security+ opens the door to your cybersecurity career!

CompTIA Security+ is a global certification that validates the baseline skills necessary to perform core security functions and pursue an IT security career.

Audience Profile :

- This course is targeted toward the information technology (IT) professional who has networking and administrative skills in Windows-based Transmission Control Protocol/Internet Protocol (TCP/IP) networks;
- familiarity with other operating systems, such as macOS, Unix, or Linux; and who wants to further a career in IT by acquiring foundational knowledge of security topics;
- preparing for the CompTIA Security+ certification examination; or using Security+ as the foundation for advanced security certifications or career roles.

Prerequisites:

- Working experience in IT and Networking Field.



Course Overview:

- In this course, students will implement, monitor, and troubleshoot infrastructure, application, information, and operational security.
- Students will prepare for the CompTIA Security+ certification examination (SY0-601).
- Cybersecurity attacks continue to grow.
- Increasingly, more job roles are tasked with baseline security readiness and response to address today's threats.
- Updates to Security+ reflect skills relevant to these job roles and prepare candidates to be more proactive in preventing the next attack.
- To combat these emerging threats, IT Pros must be able to:
 - Help identify attacks and vulnerabilities to mitigate them before they infiltrate IS
 - Understand secure virtualization, secure application deployment, and automation concepts
 - Identify and implement the best protocols and encryption
 - Understand the importance of compliance
- CompTIA Security+ is the first security certification a candidate should earn.
- It establishes the core knowledge required of any cybersecurity role and provides a springboard to intermediate-level cybersecurity jobs.
- Security+ incorporates best practices in hands-on troubleshooting, ensuring candidates have practical security problem-solving 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

CompTIA Security + Outline:

- Attacks, Threats and Vulnerabilities
- Focusing on more threats, attacks, and vulnerabilities on the Internet from newer custom devices that must be mitigated, such as IoT and embedded devices, newer DDoS attacks, and social engineering attacks based on current events.
- Architecture and Design
- Includes coverage of enterprise environments and reliance on the cloud, which is growing quickly as organizations transition to hybrid networks.
- Implementation
- Expanded to focus on administering identity, access management, PKI, basic cryptography, wireless, and end-to-end security.
- Operations and Incident Response
- Covering organizational security assessment and incident response procedures, such as basic threat detection, risk mitigation techniques, security controls, and basic digital forensics.
- Governance, Risk and Compliance
- Expanded to support organizational risk management and compliance to regulations, such as PCI-DSS, SOX, HIPAA, GDPR, FISMA, NIST, and CCPA.

Training Solutions:

- ✓ Offline Classroom Instructor-Led Training in our labs or onsite Locations.
- ✓ Virtual Instructor-Led Training Via Virtual Video Conferencing Tools.

Why Learners Prefer CLS as their Training Services provider ?

- Premium Training Services Accredited from Global Technology Vendors.
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