

Training: CompTIA
CompTIA CySA+ Prep Course

TRAINING GOALS:

CompTIA Cybersecurity Analyst (CySA+) is a certification for cyber professionals tasked with incident detection, prevention and response through continuous security monitoring.

CompTIA CySA+ verifies that successful candidates have the knowledge and skills required to detect and analyze indicators of malicious activity, understand threat intelligence and threat management, respond to attacks and vulnerabilities, perform incident response, and report and communicate related activity.

CompTIA CySA+ is accredited by ANSI as meeting the ISO 17024 standard. It is compliant with government regulations under the Federal Information Security Management Act (FISMA).

The CompTIA Cybersecurity Analyst (CySA+) certification exam will certify the successful candidate has the knowledge and skills required to:

- Detect and analyze indicators of malicious activity
- Understand threat hunting and threat intelligence concepts
- Use appropriate tools and methods to manage, prioritize and respond to attacks and vulnerabilities
- Perform incident response processes
- Understand reporting and communication concepts related to vulnerability management and incident response activities

In addition, CompTIA CySA+ trains you to:

- Think like an engineer and build an emergency plan to get things up and running quickly following a disaster.
- Defend organizations by applying new techniques to find threats before they find you.
- Understand asset and risk management.
- Think and act like a hunter to identify and understand emerging threats.
- Implement cybersecurity solutions for both cloud and on-premises systems.
- Analyze and build cybersecurity operations within an enterprise network.

Each participant in an authorized training CompTIA CySA+ Prep Course held in Compendium CE will receive a free CS0-003 CompTIA CySA+ Certification Exam vouchers.

Who Should Attend

- Application Security Analyst
- Threat Hunter
- Threat Intelligence Analyst
- Vulnerability Analyst
- Security Operations Center (SOC) Analyst
- Security Architect
- Cybersecurity Engineer

CONSPECT:

- Security Operations
 - Explain the importance of system and network architecture concepts in security operations.
 - Given a scenario, analyze indicators of potentially malicious activity.
 - Given a scenario, use appropriate tools or techniques to determine malicious activity.
 - Compare and contrast threat-intelligence and threat-hunting concepts.
 - Explain the importance of efficiency and process improvement in security operations.
- Vulnerability Management
 - Given a scenario, implement vulnerability scanning methods and concepts.
 - Given a scenario, analyze output from vulnerability assessment tools.
 - Given a scenario, analyze data to prioritize vulnerabilities.
 - Given a scenario, recommend controls to mitigate attacks and software vulnerabilities.
 - Explain concepts related to vulnerability response, handling, and management.
- Incident Response and Management
 - Explain concepts related to attack methodology frameworks.
 - Given a scenario, perform incident response activities.
 - Explain the preparation and post-incident activity phases of the incident management life cycle.
- Reporting and Communication
 - Explain the importance of vulnerability management reporting and communication.
 - Explain the importance of incident response reporting and communication.

REQUIREMENTS:

Network+, Security+ or equivalent knowledge. Minimum of 4 years of hands-on experience as an incident response analyst or security operations center (SOC) analyst, or equivalent experience.

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by CompTIA (course completion). This course will help prepare you for the CompTIA CySA+ certification exam, which is available through the Pearson VUE test centers.

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TRAINER:

Authorized CompTIA Trainer.