CompTIA

CYBERSECURITY ANALYST+ EXAM CS0-003

The CompTIA CySA+ certification is an IT workforce certification and an intermediate credential for security professionals. Candidates receive hands-on training for proactively capturing, monitoring, and responding to network traffic findings, as well as software and application security, automation, threat hunting, and IT regulatory compliance, which affects the daily work of security analysts.

Course Modules

1. Understanding Vulnerability Response, Handling, and Management.
2. Exploring Threat Intelligence and Threat Hunting Concepts.
3. Explaining Important System and Network Architecture Concepts.
4. Understanding Process Improvement in Security Operations.
5. Implementing Vulnerability Scanning Methods
6. Performing Vulnerability Analysis.
7. Communicating Vulnerability Information.
8. Explaining Incident Response Activities-
9. Demonstrating Incident Response Communication.
10. Applying Tools to identify Malicious Activity.
11. Analyzing Potentially Malicious Activity.
12. Understanding Application Vulnerability Assessment.
13. Exploring Scripting Tools and Analysis Concepts.
14. Understanding Application Security and Attack Mitigation Best Practices

Scope

- Duration: 5 days
- Format: Lecture, demo and hands-on labs
- Certification Exam (Not Included):
  - CompTIA CYSA: Exam C00-503

Objectives

This course can benefit you in two ways. If you intend to pass the CompTIA CYSA+ (Exam CS0-003) certification examination, this course can be a significant part of your preparation. But certification is not the only key to professional success in the field of security analyst. Today's job market demands individuals with demonstrable skills, and the information and activities in this course can help you build your security analyst skill set so that you can confidently perform your duties in any security analyst role.

On course completion, you will be able to do the following:

- Understand vulnerability response, handling, and management
- Explore threat intelligence and threat hunting concepts
- Explain important system and network architecture concepts
- Understand process improvement in security operations
- Implement vulnerability scanning methods
- Perform vulnerability analysis
- Classify vulnerability information
- Explain incident response activities. Demonstrate incident response communication
- Apply tools to identify malicious activity
- Analyze potentially malicious activity

Target Audience

The Official CompTIA CYSA» (Exam C00-503) is the primary course you will need to take if your job responsibilities include capturing, monitoring, and responding to network traffic findings,software and application security, automation, threat hunting, and IT regulatory compliance.

Prerequisites

To ensure your success in this course, you should have four years of hands-on experience as an incident response analyst or security operations center (SOC) analyst. CompTIA Network, Security, or the equivalent knowledge is strongly recommended.