CompTIA Cybersecurity Analyst Certification Training (CS0-003)

Course Overview

CompTIA's CySA+ certification is an intermediate-level certification designed for professionals with four years of hands-on experience as an incident response analyst or security operations center (SOC) analyst. The Official CompTIA CySA+ Student Guide (CS0-003) has been developed by CompTIA for the CompTIA CySA+ candidate. Rigorously evaluated to validate coverage of the CompTIA CySA+ (CS0-003) exam objectives, The Official CompTIA CySA+ Student Guide teach the knowledge and skills to understand monitor and respond to network traffic findings, software and application security, automation, threat hunting, IT regulatory compliance, and prepare candidates to take the CompTIA CySA+ certification exam.

Course 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
- Understand application vulnerability assessment
- Explore scripting tools and analysis concepts
- Understand application security and attack mitigation best practices

Target Student

The Official CompTIA CySA+ (Exam CS0-003) 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. You can take this course to prepare for the CompTIA CySA+ (Exam CS0-003) certification examination.

Course 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.

Associated Certifications

Cybersecurity Analyst (CySA+)

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Appendix A: Mapping Course Content to CompTIA CySA+ (CS0-003)

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