



CompTIA Cybersecurity Analyst (CYSA+)

Description

Why choose the CompTIA Cybersecurity Analyst (CySA+) certification?

The CompTIA Cybersecurity Analyst (CySA+) certification is one of the most in-demand certifications in the field of cybersecurity. Recognized worldwide, it equips you with the necessary skills to detect and effectively respond to security incidents. By enrolling in our course, you will master threat analysis, vulnerability management, and cybersecurity best practices.

This 5-day course is ideal for professionals looking to enhance their IT security skills and obtain the CompTIA Cybersecurity Analyst certification. Through a practical approach and real-world case studies, you will be prepared for the CS0-003 exam. In addition to boosting your skills, this certification will significantly increase your value in the job market. With the rapid rise of cyberattacks, cybersecurity experts are more essential than ever.

Course Content

Module 1: Security Operations

- Understand system and network architecture concepts in security operations
- Analyze indicators of potentially malicious activity from network, host, application, social engineering attack, and hidden URL scenarios
- Use appropriate tools or techniques to identify malicious activities from defined scenarios
- Compare and contrast threat intelligence and threat hunting concepts
- Understand the importance of improving processes in security operations

Module 2: Vulnerability Management

- Implement vulnerability analysis methods and concepts from scenarios
- Analyze results from vulnerability assessment tools based on scenarios
- Analyze data to prioritize vulnerabilities from scenarios
- Recommend control procedures to mitigate software attacks and vulnerabilities from scenarios
- Understand the concepts related to vulnerability response, monitoring, and management

Module 3: Incident Response and Management

- Understand cybersecurity frameworks concepts: kill chain, diamond model of intrusion analysis, MITRE ATT&CK framework, OSSTMM framework, OWASP testing guide
- Execute incident response activities from scenarios: detection and analysis, containment, eradication, and recovery
- Understand the preparation and post-incident activity phases of the incident management lifecycle

Module 4: Reporting and Communication

- Understand the importance of reports and communication processes
- Write vulnerability management and compliance reports
- Prepare action plans based on analysis results
- Identify stakeholders and their communication methods
- Understand the obstacles to remediation and the escalation of incidents
- Develop incident response reports and analyze root causes
- Learn from incidents to improve future processes

Documentation

- Digital course materials included

Exam

- This course prepares to the CompTIA Cybersecurity Analyst (CySA+) certification
- In order to receive the CompTIA Cybersecurity Analyst (CySA+) certification, learners must pass two exams: CS0-003.
- If you wish to take these exams, please contact our secretariat who will let you know the cost of the exam and will take care of all the necessary administrative procedures for you.

Participant profiles

- IT security analysts
- Vulnerability analysts
- Threat intelligence specialists
- Cybersecurity professionals
- Security operations managers

Prerequisites

- Basic understanding of computer networks
- Experience in threat analysis or vulnerability management
- Mastery of fundamental cybersecurity concepts
- CompTIA Network+ and Security+ certifications, or equivalent
- 4 years of experience in a SOC or similar role

Objectives

- Analyze cybersecurity threats and incidents
- Use threat intelligence tools
- Classify and manage vulnerabilities
- Execute incident response procedures
- Generate vulnerability management reports
- Pass the CS0-003 exam

Description

CompTIA Cybersecurity Analyst (CYSA+) training

Niveau

Intermédiaire

Classroom Registration Price (CHF)

4000

Virtual Classroom Registration Price (CHF)

3750

Duration (in Days)

5

Reference

COM-201