CompTIA Cybersecurity Analyst (CySA+) Express Bootcamp

Modality: On Demand

Duration: 9 Hours

This course is for professionals planning to enroll in the CSO-001 Exam to attain CSO-001 Certification. The Official Exam Voucher is not included in this course. However, the official exam voucher can be purchased separately on request.

About this course:

The CompTIA Cybersecurity Analyst (CySA+) Express Bootcamp is designed to prepare Experienced IT Security Professionals for CSO-001 Exam. This course offers complete guidance, instructions, and training required to pursue a career as a professional Cybersecurity Analyst.

This intermediate-level course is ideal for experienced Cybersecurity Professionals striving to attain the CompTIA CSO-001 Certification. The primary objective of this course is to develop the behavior analytical skills of IT professionals and deliver conceptual knowledge of Advanced Persistent Threats (APTs) and CSA+ Identity and Malware. This course will help professionals learn the art of configuring and applying threat detection data analysis techniques to interpret results needed to identify vulnerabilities and threats in an organization.

CompTIA Cybersecurity Analyst (CSA+) is a globally-recognized cybersecurity certification that nurtures critical knowledge of implementing robust security techniques for prevention, detection, and combating information security threats. Professionals with CSA+ Certification can implement advanced security techniques and measures to augment the security standards of information security in an organization.

This course serves as a comprehensive walkthrough for professionals seeking information about Cybersecurity Analyst CSO-001 Exam and Certification. Designed for experienced IT Security Experts, conceptual knowledge of Snort, Bro, Metasploit, etc. and practical experience of working in cybersecurity environment is mandatory.

There is a high demand for professionals with CSA+ Certified skills and the average expected salary of Cybersecurity Analyst ranges around **$67,000** per year.

Course Objective:

- Prepare for the CompTIA CySA+ (CSO-001) Exams
- Develop an understanding of CSA+ Exam and Certification
- Highlight Weaknesses and Strengths in subjects related to Cybersecurity
- Deliver conceptual knowledge of Security Architecture, Cloud Computing, and Enterprise Networks
- Develop an understanding of assessing network threats and vulnerabilities

Audience:

- Security Architects
- Threat Analysts
- IT Security Experts

Prerequisite:

- CompTIA Security+ Certification
- 1-Year Experience in Information and Cybersecurity is highly recommended.

Course Outline:

Course Introduction

- Instructor Welcome Aboard!
- Cyber Security Analyst
- CompTIA Cyber Security Analyst (CSA) Domain Objectives
- Cyber Security Analyst Bootcamp Overview

Cyber Security Analyst Role

- Cyber Security Analyst Role Part 1
- Cyber Security Analyst Role part 2

Reconnaissance Techniques Section

- Reconnaissance Techniques Part 1
- Reconnaissance Techniques Part 2
- Reconnaissance Techniques Part 3
- Reconnaissance Techniques Part 4
- Trusted Sec Social Engineering Toolset
- Netcraft = Domain Analysis Tool
- HttRack= Website Ripping Tool
- Fireeye = Cyber Security and Endpoint
- NMAP
- Windows Sysinternals
- Enhanced Mitigation Experience Toolkit

Security Appliances

- Security Appliances Part 1
- Security Appliances Part 2
- Palo Alto Networks
- Fortinet

Logging and Analysis

- Logging and Analysis
- Logging and Analysis Part 2

Managing Vulerabilities

- Vulnerability Management
- Vulnerability Management Part 2
- Microsoft Baseline Security Analyzer (MBSA)
- Metasploit
- NIST SCAP
- COMPUTER SECURITY RESOURCE CENTER

Remediating Vulnerabilities

- Remediating Vulnerabilities
- Remediating Vulnerabilities Part 2
- SANS Institute

Security and Software Developement

- Software Development Security
- Software Development Security Part 2
- Owasp

Incident Response

- Incident Response
- Computer Emergency Response Team (CERT)

Forensic Tools

- Forensics Tools
- Forensic Tools Part 2
- Guidance Encase

Analyzing Incidents and Recovery

- Incident Analysis and Recovery
- Incident Recovery and Analysis Part 2

Secure Network Design

- Secure Network Design
- Toms IT Pro SIEM Resources

Identity and Access Management (IAM)

- Managing Identities and Access

- Managing Identity and Access Part 2
- Tripwire

Security Frameworks

- Security Frameworks and Policies
- Security Frameworks and Policies part 2
- NIST Cybersecurity Framework

Cloud Security Tools

- Cloud Security Tools
- O365 Cloud Security
- Cloud Security Tools - MS
- Zscaler
- Okta
- Sophos
- Time for a short Youtube about IT Security and the Cloud Courtesy of Sophos

DOD Certifications and State Dept Requirements (For those interested)

- Department of Defense (DOD) Workforce Certification
- Department Of Defense 8570 Directive
- Security Technical Implementation Guides (STIGs)
- Fedramp

Taking The CSA Exam

- CompTIA Certifications
- CompTIA Cybersecurity Roadmap

CompTIA Continuing Education

- CompTIA Certmetrics
- CompTIA Continuing Education Requirements
- CompTIA CyberSecurity Hub

Job Search Tips

- Linkedin Job Search Tips
- Cleared Connections
- Dice
- Intelligencecareers.com

Course Closeout

- Become a CompTIA Subject Matter Expert!

https://www.quickstart.com/ *Contact Us: (866) 991-3924*