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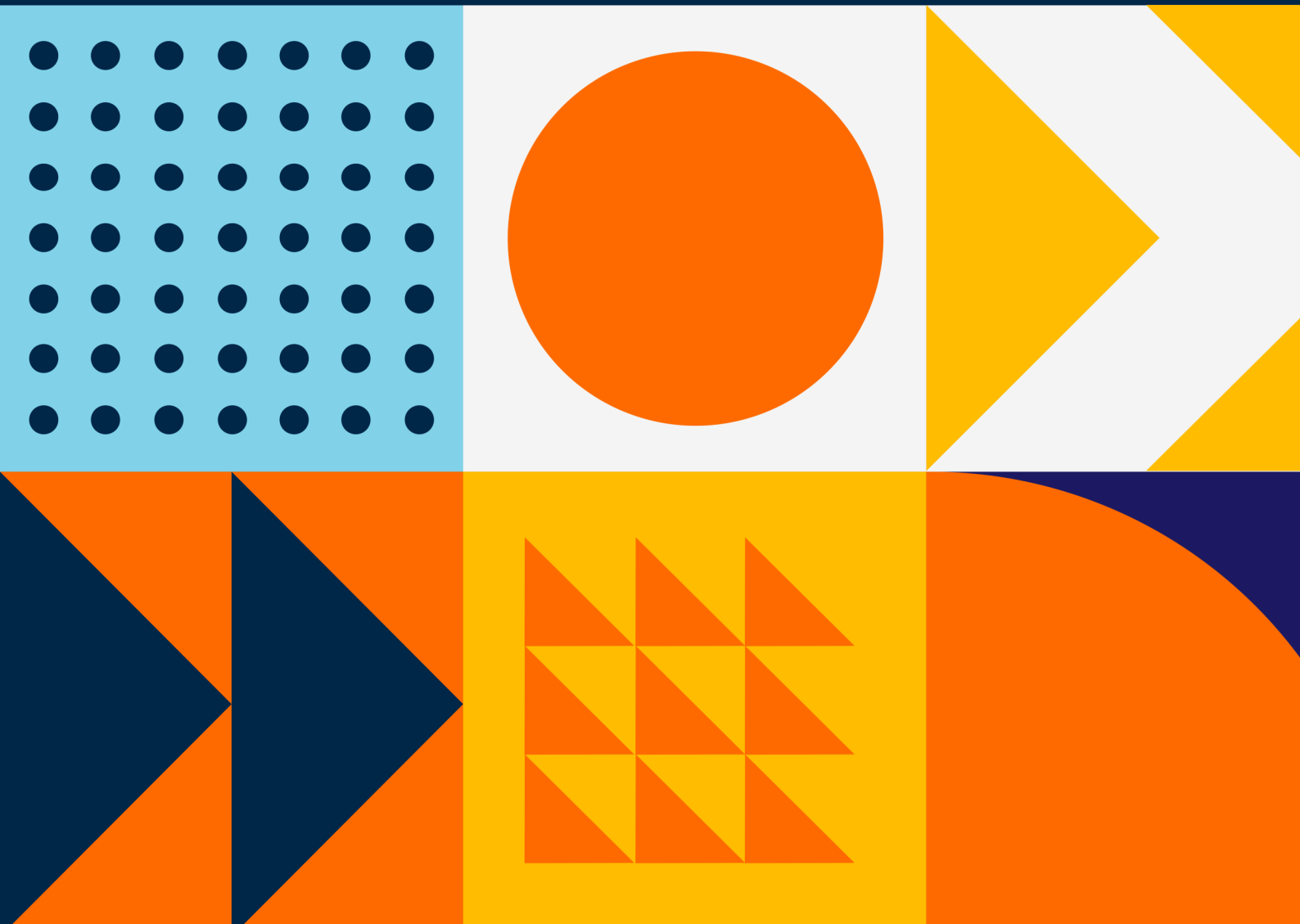
We do IT
to inspire.

Cyber Security:

CompTIA Advanced Security Practitioner (CASP+) Certification Training

who we are.

Averest is one of the leading and fast-growing companies specialising in Information Technologies, Cyber Security, Cloud Computing, DevOps, Artificial Intelligence, Agile and Scrum, and Project Management, which is based in the United Kingdom and Turkey. Averest provides high-quality tech-accredited training and business solutions to its clients on these topics and more.

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CompTIA Advanced Security Practitioner (CASP+) Certification Training

Overview

CompTIA Advanced Security Practitioner (CASP+) training course will prepare you for the CASP+ certification test (CAS-004). CASP+ certification highlights your expertise in corporate security, risk management, research and analysis, and the integration of computer, communications, and business disciplines.

What You Will Learn?

- Manage risk in the enterprise

- Integrate computing, communications, and business disciplines in the enterprise

- Use research and analysis to secure the enterprise

- Integrate advanced authentication and authorization techniques

- Implement cryptographic techniques

- Implement security controls for hosts

- Implement security controls for storage

- Analyze network security concepts, components, and architectures, and implement controls

- Implement security controls for applications

- Integrate hosts, storage, networks, and applications in a secure enterprise architecture

- Conduct vulnerability assessments

- Conduct incident and emergency responses

Course Key Features

- Practice exam questions

- Exam voucher included

- After-course coaching available

- 29 CompTIA CEUs

Eligibility

Individuals seeking the CompTIA Advanced Security Practitioner (CASP) certification (Exam CAS-004); IT

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CompTIA Advanced Security Practitioner (CASP+) Certification Training

professionals with a minimum of 10 years of experience in IT administration and at least five years of hands-on security in an enterprise environment

CompTIA Advanced Security Practitioner (CASP+) Certification Training

Program Outline

Managing Risk

- Identify the Importance of Risk Management
- Assess Risk
- Mitigate Risk
- Integrate Documentation into Risk Management

Using Research and Analysis to Secure the Enterprise

- Determine Industry Trends and Effects on the Enterprise
- Analyze Scenarios to Secure the Enterprise

Implementing Cryptographic Techniques

- Describe Cryptographic Concepts
- Choose Cryptographic Techniques
- Choose Cryptographic Implementations

Integrating Computing, Communications, and Business Disciplines

- Facilitate Collaboration Across Business Units
- Secure Communications and Collaboration Solutions
- Implement Security Activities Throughout the Technology Life Cycle

Integrating Advanced Authentication and Authorization Techniques

- Implement Authentication and Authorization Technologies
- Implement Advanced Identity Management

Implementing Security Controls for Hosts

- Select Host Hardware and Software
- Harden Hosts
- Virtualize Servers and Desktops
- Implement Cloud Augmented Security Services
- Protect Boot Loaders

CompTIA Advanced Security Practitioner (CASP+) Certification Training

Implementing Security Controls for Enterprise Storage

- Identify Storage Types and Protocols
- Implement Secure Storage Controls

Analyzing and Implementing Network Security

- Analyze Network Security Components and Devices
- Analyze Network-Enabled Devices
- Analyze Advanced Network Design
- Configure Controls for Network Security

Implementing Security Controls for Applications

- Identify General Application Vulnerabilities
- Identify Web Application Vulnerabilities
- Implement Application Security Controls

Integrating Hosts, Storage, Networks, and Applications in a Secure Enterprise Architecture

- Implement Security Standards in the Enterprise
- Select Technical Deployment Models
- Secure the Design of the Enterprise Infrastructure
- Secure Enterprise Application Integration Enablers

Conducting Vulnerability Assessments

- Select Vulnerability Assessment Methods
- Select Vulnerability Assessment Tools

Responding to and Recovering from Incidents

- Design Systems to Facilitate Incident Response
- Conduct Incident and Emergency Responses
- Appendix A: Mapping Course Content to CompTIA Advanced Security Practitioner (CASP) Exam CAS-002

Classroom Live Labs

CompTIA Advanced Security Practitioner (CASP+) Certification Training

- Lab 1: Integrate Documentation into Risk Management

- Lab 2: Secure Communications and Collaboration Solutions

- Lab 3: Analyze Scenarios to Secure the Enterprise

- Lab 4: Implement Authentication and Authorization Technologies

- Lab 5; Choose Cryptographic Techniques

- Lab 6: Harden Hosts

- Lab 7: Virtualize Servers and Desktops

- Lab 8: Protect Boot Loaders

- Lab 9: Implement Secure Storage Controls

- Lab 10: Configure Controls for Network Security

- Lab 11: Implement Application Security Controls

- Lab 12: Select Vulnerability Assessment Tools

- Lab 13: Design Systems to Facilitate Incident Response

- Lab 14: Conduct Incident and Emergency Responses

CompTIA Advanced Security Practitioner (CASP+) Certification Training

Program Schedule

17-21 Oct 2022	-	**CompTIA Advanced Security Practitioner (CASP+) Certification Training** Online Instructor-Led , 09:00 - 16:00 , UTC +03:00
17-21 Oct 2022	City of London , United Kingdom	**CompTIA Advanced Security Practitioner (CASP+) Certification Training** In-Class , 09:00 - 16:00 , UTC +03:00
24-28 Oct 2022	Istanbul , Turkey	**CompTIA Advanced Security Practitioner (CASP+) Certification Training** In-Class , 09:00 - 16:00 , UTC +03:00
14-18 Nov 2022	-	**CompTIA Advanced Security Practitioner (CASP+) Certification Training** Online Instructor-Led , 09:00 - 16:00 , UTC +03:00
21-25 Nov 2022	Istanbul , Turkey	**CompTIA Advanced Security Practitioner (CASP+) Certification Training** In-Class , 09:00 - 16:00 , UTC +03:00
21-25 Nov 2022	City of London , United Kingdom	**CompTIA Advanced Security Practitioner (CASP+) Certification Training** In-Class , 09:00 - 16:00 , UTC +03:00
12-16 Dec 2022	Istanbul , Turkey	**CompTIA Advanced Security Practitioner (CASP+) Certification Training** In-Class , 09:00 - 16:00 , UTC +03:00
19-23 Dec 2022	-	**CompTIA Advanced Security Practitioner (CASP+) Certification Training** Online Instructor-Led , 09:00 - 16:00 , UTC +03:00

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