Consulting and Training | Reach New Heights

Course Name

CompTIA Advanced Security Practitioner (CASP+)

Sector Name

Information Technology

Document Type

Generated by Boostlab

Click Here To Visit Course

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

BOOST
Consulting and Training | Reach New Heights

CompTIA Advanced Security Practitioner (CASP+)

Course Introduction

This training course is designed to provide participants with the fundamental concepts and knowledge of information security to apply more advanced principles and keep their organization safe from threats.

Today's advanced digital world demands IT professionals and individuals with higher demonstrable skills. This course will help participants develop the skill set needed to confidently perform the tasks as an advanced security professional.

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

Click Here To Visit Course

BOOST

BOOST
Consulting and Training | Reach New Heights

CompTIA Advanced Security Practitioner (CASP+)

Target Audience

This training course is designed for IT professionals who want to acquire the technical knowledge and skills needed to conceptualize, engineer, integrate, and implement secure solutions across complex enterprise environments.

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

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

Click Here To Visit Course

BOOST
Consulting and Training | Reach New Heights

CompTIA Advanced Security Practitioner (CASP+)

Learning Objectives

- ✓ Determine and choose among different types of virtualized, distributed, and shared computing
- ✓ Integrate hosts, networks, infrastructures, applications, and storage into secure, comprehensive solutions
- ✓ Discuss the security implications of enterprise storage
- ✓ Know the importance of application security
- ✓ Conduct security activities across the technology life cycle
- ✓ Perform relevant analysis for the purpose of securing the enterprise
- ✓ Integrate and implement secure solutions across complex environments to support a resilient enterprise
- ✓ Use monitoring, detection, incident response, and automation to proactively support ongoing security operations in an enterprise environment
- ✓ Apply security practices to cloud, on-premises, endpoint, and mobile infrastructure, while considering cryptographic technologies and techniques
- ✓ Consider the impact of governance, risk, and compliance requirements throughout the enterprise

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

Click Here To Visit Course

BOOST
Consulting and Training | Reach New Heights

CompTIA Advanced Security Practitioner (CASP+)

Course Outline

✓ Day 01

Module 1: Security Architecture

- ✓ Given a scenario, analyze the security requirements and objectives to ensure an appropriate, secure network architecture for a new or existing network.
- ✓ Given a scenario, analyze the organizational requirements to determine the proper infrastructure security design.
- ✓ Given a scenario, integrate software applications securely into an enterprise architecture.
- ✓ Given a scenario, implement data security techniques for securing enterprise architecture.
- ✓ Given a scenario, analyze the security requirements and objectives to provide the appropriate authentication and authorization controls

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

Click Here To vist Course

BOOST
Consulting and Training | Reach New Heights

CompTIA Advanced Security Practitioner (CASP+)

Course Outline

✓ Day 02

Module 2: Security Architecture

- ✓ Explain how cryptography and public key infrastructure (PKI) support security objectives and requirements
- ✓ Explain the impact of emerging technologies on enterprise security and privacy.

Module 3: Security Operations

- ✓ Given a scenario, perform threat management activities.
- ✓ Given a scenario, analyze indicators of compromise and formulate an appropriate response
- ✓ Given a scenario, perform vulnerability management activities.
- ✓ Given a scenario, use the appropriate vulnerability assessment and penetration testing methods and tools.

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

Click Here To vist Course

BOOST
Consulting and Training | Reach New Heights

CompTIA Advanced Security Practitioner (CASP+)

Course Outline

✓ Day 03

Module 4: Security Operations

- ✓ Given a scenario, analyze vulnerabilities and recommend risk mitigations.
- ✓ Given a scenario, use processes to reduce risk
- ✓ Given an incident, implement the appropriate response.
- ✓ Explain the importance of forensic concepts.
- ✓ Given a scenario, use forensic analysis tools.

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

Click Here To vist Course

BOOST

BOOST
Consulting and Training | Reach New Heights

CompTIA Advanced Security Practitioner (CASP+)

Course Outline

✓ Day 04

Module 5: Security Engineering and Cryptography

- ✓ Given a scenario, apply secure configurations to enterprise mobility.
- ✓ Given a scenario, configure and implement endpoint security controls.
- ✓ Explain security considerations impacting specific sectors and operational technologies.
- ✓ Explain how cloud technology adoption impacts organizational security
- ✓ Given a business requirement, implement the appropriate PKI solution.
- ✓ Given a business requirement, implement the appropriate cryptographic protocols and algorithms
- ✓ Given a scenario, troubleshoot issues with cryptographic implementations.

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

Click Here To vist Course

BOOST
Consulting and Training | Reach New Heights

CompTIA Advanced Security Practitioner (CASP+)

Course Outline

✓ Day 05

Module 6: Governance, Risk, and Compliance

- ✓ Given a set of requirements, apply the appropriate risk strategies
- ✓ Explain the importance of managing and mitigating vendor risk.
- ✓ Explain compliance frameworks and legal considerations, and their organizational impact.
- ✓ Explain the importance of business continuity and disaster recovery concepts

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

Click Here To vist Course

BOOST

BOOST
Consulting and Training | Reach New Heights

CompTIA Advanced Security Practitioner (CASP+)

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
July 26, 2027	July 30, 2027	5 days	4950.00 $	Austria , Vienna
Nov. 9, 2026	Nov. 13, 2026	5 days	4250.00 $	UAE , Dubai
Jan. 10, 2027	Jan. 14, 2027	5 days	4250.00 $	KSA , Riyadh
April 19, 2027	April 23, 2027	5 days	4250.00 $	UAE , Dubai

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

Click Here To vist Course

info@boostuae.com info@boostorg.com