

Certificate in Cloud Security

Professional training programme



SPARK TRAINING

Professional training courses for leaders, specialists, and organizations seeking practical capability development.

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— Workshop Overview

This Certificate in Cloud Security training course focuses on the principles and practices of securing cloud environments. Participants will gain in-depth knowledge of cloud security architecture, data protection, compliance, application security, and infrastructure security. The course also prepares participants for cloud security certification exams.

Why Attend

This training course will utilise a variety of proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented. This training course is interactive and challenges one to think. The tutor will guide and facilitate learning, using direct input, discussions, case studies, exercises and video

Who Should Attend

Cloud security professionals
IT security managers
Cloud architects
Anyone preparing for cloud security certifications

— Learning Objectives

- Understand the architecture and design principles of cloud security
- Learn best practices for securing data in cloud environments
- Develop skills to secure cloud applications and infrastructure
- Prepare for cloud security certification exams

— Course Outline

DAY 1

Day One: Cloud Security Architecture and Design

- Overview of cloud computing models (IaaS, PaaS, SaaS)
- Security considerations in cloud architecture
- Designing a secure cloud infrastructure
- Case studies of secure cloud architecture implementations
- Interactive session: Designing a secure cloud architecture for a sample organization

DAY 2

Day Two: Cloud Data Security

- Strategies for protecting data in the cloud
- Data encryption and key management techniques
- Understanding data compliance and regulatory requirements (GDPR, CCPA, etc.)
- Best practices for data loss prevention (DLP) in the cloud
- Interactive session: Developing a data protection plan for a cloud environment

DAY 3

Day Three: Securing Cloud Applications

- Application security challenges in cloud environments
- Secure development practices and tools
- Protecting APIs and microservices in the cloud
- Application security testing and monitoring
- Interactive session: Implementing security controls in a cloud-based application

DAY 4

Day Four: Cloud Infrastructure Security

- Network security principles for cloud environments
- Identity and access management (IAM) in the cloud
- Implementing security controls for virtualized environments
- Incident response and management in the cloud
- Interactive session: Developing an incident response plan for a cloud infrastructure

DAY 5

Day Five: Certification Exam Preparation

- Overview of cloud security certification exams (CCSP, etc.)
- Detailed review of exam domains and key topics
- Study tips, resources, and practice questions
- Interactive session: Practice exams and group review

- Personalized study plans and final Q&A session

— Upcoming Classroom Dates

DATE	LOCATION	FEE
5 - 9 October 2026	London - United Kingdom	€2,100
16 - 20 November 2026	Istanbul - Türkiye	€1,425
7 - 11 December 2026	Vienna - Austria	€2,125
11 - 15 January 2027	Munich - Germany	€2,125
8 - 12 February 2027	Rome - Italy	€2,125
8 - 12 March 2027	Munich - Germany	€2,125
12 - 16 April 2027	Amsterdam - Netherlands	€2,125
10 - 14 May 2027	London - United Kingdom	€2,100

— Certificate and Registration

Participants who attend and complete the full programme receive a SPARK Training Certificate of Completion. For registration, in-house delivery, or availability questions, contact info@sparktraining.eu or +31 85 115 0004.