

aractech

Global Learning for Operational Leaders



IT MANAGEMENT AND CYBER SECURITY

Certificate in Cloud Security

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Course content

Why Attend

Course Introduction

This Certificate in Cloud Security training course focuses on the principles and practices of securing cloud environments.

Course Methodology

Course Objectives

Target Audience

Course outline

Detailed course outline

Day-by-day outline for Certificate in Cloud Security.

Day 1 - 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 - 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 - 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

Course outline

Detailed course outline

Day-by-day outline for Certificate in Cloud Security.

Day 4 - 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 - 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

Seminar dates

Available seminar dates

Live dates and pricing for Certificate in Cloud Security generated from the course details page.

Date	Location	Format	Fee
11 - 15 May 2026	London	Classroom	€2,940
8 - 12 June 2026	Munich	Classroom	€2,415
6 - 10 July 2026	Rome	Classroom	€2,975
10 - 14 August 2026	Munich	Classroom	€2,415
14 - 18 September 2026	Amsterdam	Classroom	€2,975
5 - 9 October 2026	London	Classroom	€2,940
16 - 20 November 2026	Istanbul	Classroom	€1,995

Live online option

Online delivery is available at €1,250.