

# 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

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### 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
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
7 - 11 December 2026	Vienna	Classroom	€2,975

### Live online option

Online delivery is available at €1,250.