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informatech CERTIFIED GLOBAL LEADERSHIP CONSULTANTS

IT MANAGEMENT AND CYBER SECURITY | COURSE

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.

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.

Course Methodology

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 presentation.

The skill sets developed will add value to employees, managers and leaders alike.

Who should Attend?

This training course is suitable to a wide range of professionals but will greatly benefit:

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

Course Objectives

By the end of this training course, participants will be able to:

- Understand the architecture and design principles of cloud security
- Learn best practices for securing data in cloud environments

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Course Objectives

- Develop skills to secure cloud applications and infrastructure
- Prepare for cloud security certification exams

Course outline

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 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 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

Course content

Course outline

• Interactive session: Implementing security controls in a cloud-based application

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 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

Seminar dates

Available seminar dates

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

Date	Location	Format	Fee
6 - 10 July 2026	Rome - Italy	Classroom	**€4,250.-**
10 - 14 August 2026	Munich - Germany	Classroom	**€3,450.-**
14 - 18 September 2026	Amsterdam - Netherlands	Classroom	**€4,250.-**
5 - 9 October 2026	London - U.K	Classroom	**€4,200.-**
16 - 20 November 2026	Istanbul - Turkey	Classroom	**€2,850.-**
7 - 11 December 2026	Vienna - Austria	Classroom	**€4,250.-**

Live online option	Online delivery is available at €1,850.-.