



## PECB Certified Cloud Security Foundation

**Become acquainted with the best practices of Cloud Security based on ISO/IEC 27017 and ISO/IEC 27018**

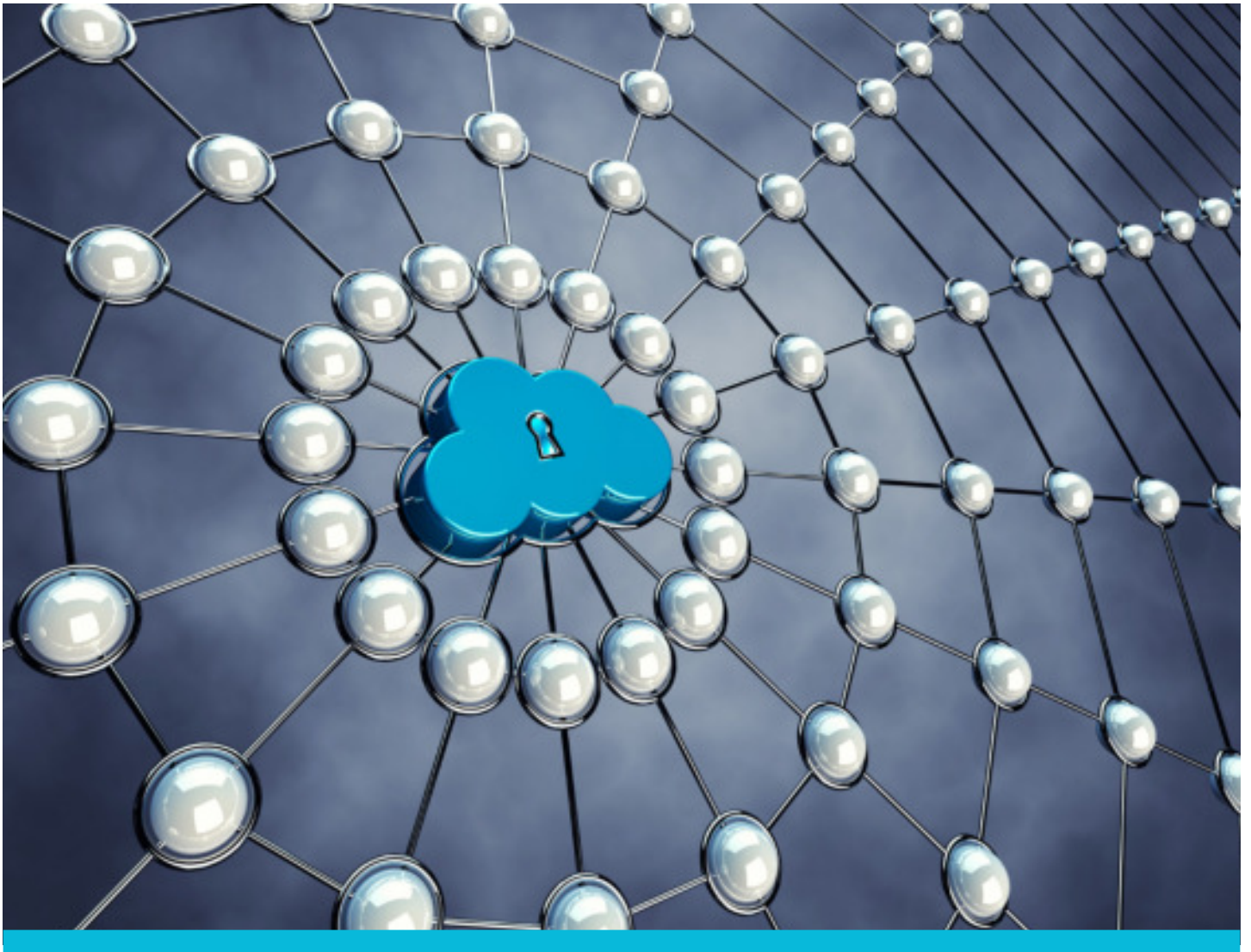
### **Why should you attend?**

The importance of cloud security in our lives ranges from for personal use to business purposes. Despite being so useful, cloud security remains an open question. The security crisis in the cloud is constantly increasing, since more and more people and businesses are storing confidential information in the cloud. To protect sensitive data and maintain compliance, you need to address specific cyber security challenges inherent in moving to a cloud environment.

With a growing adoption of Cloud Computing technologies, security issues have become a real concern for businesses. According to industry standards, encryption techniques and protection protocols are not enough to ensure the safe transmission of data in the cloud. What can really help an organization to build a secure cloud is a professional with proficient knowledge in the field of cloud security. This training provides you with a fundamental knowledge in identifying and resolving public and private cloud security issues.

By attending this cloud security training, you can acquire professional knowledge in the field of cloud security. The goal of our cloud security course is to allow users to take power in their hands and ensure that their cloud provider is providing a secure architecture for information, hardware and applications. This course enables you to understand the Cloud and its advantages for a business strategy, differentiating different cloud models. In addition, you will learn its application to the business environment and its use on mobile devices.

After completing this course, you can sit for the exam and apply for the "PECB Certified Cloud Security Foundation" credential. A PECB Foundation Certificate shows that you have understood the fundamental methodologies, requirements, framework and management approach.



## Who should attend?

- Any IT professional who is planning to use cloud computing or who is already working in the cloud.
- Professionals from different sectors, such as business administration and management, information technology, marketing, business and systems administration, who want to strengthen their knowledge in Cloud Security.
- Anyone involved in the area of cloud security. System administrators, web developers, software developers, network administrators etc.

## Course agenda

Duration: 2 days

### Day 1 | Introduction to Cloud Security concepts as recommended by ISO/IEC 27017 and ISO/IEC 27018

- Course objectives and structure
- Standard and regulatory frameworks
- Fundamental principles and concepts of Cloud Security
- Cloud delivery models and cloud architectural models
- Cloud and Security Risks
- Risk Management in the Cloud

### Day 2 | Security Requirements for Cloud Services and Certification Exam

- Security requirements for providers and subscribers
- Cloud Security Controls
- Protection of privacy in the cloud
- Auditing and monitoring cloud services
- Cloud Business Continuity Planning
- Certification process and closing the training
- Certification Exam



## Learning objectives

- Obtain a comprehensive vision of cloud computing and the agents in cloud services
- Understand the elements and operations of Cloud Services
- Acknowledge the correlation between ISO/IEC 27001, ISO/IEC 27002, ISO/IEC 27017, ISO/IEC 27018 and other standards and regulatory frameworks
- Understand the approaches, standards, methods and techniques used for the implementation and management of a secured cloud solution
- Acquire knowledge on different solutions in the cloud for companies and end users
- Be able to choose the best cloud alternative according to the needs of the business
- Become familiar with the different providers and types of cloud services
- Acquire the knowledge to implement privacy and verify the integrity of data on the cloud
- Acquire the knowledge to assess and reduce the technical, organizational and legal risks associated with cloud computing

## Examination

Duration: 1 hours

The “PECB Certified Cloud Security Foundation” exam fully meets the requirements of the PECB Examination and Certification Programme (ECP). The exam covers the following competency domains:

**Domain 1** | Fundamental principles and concepts of Cloud Security

**Domain 2** | Architectures and Security Requirements for Cloud Services

For more information about exam details, please visit [Examination Rules and Policies](#).



## Certification

After successfully completing the exam, you can apply for the credentials shown on the table below. You will receive a certificate once you comply with all the requirements related to the selected credential.

For more information about Cloud Security Foundation certifications and the PECB certification process, please refer to the [Certification Rules and Policies](#).

Credential	Exam	Professional experience	CS audit/assessment experience	CS project experience	Other requirements
<b>PECB Certified Cloud Security Foundation</b>	PECB Certified Cloud Security Foundation exam or equivalent	<b>None</b>	None	None	Signing the PECB Code of Ethics

## General information

- Certification fees are included on the exam price
- Training material containing over 200 pages of information and practical examples will be distributed
- A participation certificate of 14 CPD (Continuing Professional Development) credits will be issued
- In case of exam failure, you can retake the exam within 12 months for free