



## PECB Certified Lead Cloud Security Manager

Master the implementation and management of the cloud security program based on ISO/IEC 27017 and ISO/IEC 27018

### Why should you attend?

The growing number of organizations that support remote work has increased the use of cloud computing services, which has, in turn, increased the demand for a secure cloud infrastructure proportionally.

This training course is designed to help participants acquire the knowledge and skills needed to support an organization in effectively planning, implementing, managing, monitoring, and maintaining a cloud security program based on ISO/IEC 27017 and ISO/IEC 27018. It provides a comprehensive elaboration of cloud computing concepts and principles, cloud computing security risk management, cloud-specific controls, cloud security incident management, and cloud security testing.

The training course is followed by the certification exam. If you successfully pass it, you can apply for a "PECB Certified Lead Cloud Security Manager" credential. A PECB Lead Cloud Security Manager Certificate demonstrates your ability and competencies to manage a cloud security program based on best practices.



## Who should attend?

- Cloud security and information security professionals seeking to manage a cloud security program
- Managers or consultants seeking to master cloud security best practices
- Individuals responsible for maintaining and managing a cloud security program
- Technical experts seeking to enhance their cloud security knowledge
- Cloud security expert advisors

## Course agenda

Duration: 5 days

### Day 1 | Introduction to ISO/IEC 27017 and ISO/IEC 27018, and the initiation of a cloud security program

- Training course objectives and structure
- Standards and regulatory frameworks
- Fundamental cloud computing concepts and principles
- Understanding the organization's cloud computing architecture
- Information security roles and responsibilities related to cloud computing
- Information security policy for cloud computing

### Day 2 | Cloud computing security risk management and cloud-specific controls

- Cloud computing security risk management
- Selection and design of cloud-specific controls
- Implementation of cloud-specific controls (part 1)

### Day 3 | Documented information management and cloud security awareness and training

- Implementation of cloud-specific controls (part 2)
- Documented information management in the cloud
- Cloud security awareness and training

### Day 4 | Cloud security incident management, testing, monitoring, and continual improvement

- Cloud security incident management
- Cloud security testing
- Monitoring, measurement, analysis, and evaluation
- Continual improvement
- Closing of the training course

### Day 5 | Certification Exam



## Learning objectives

- Gain a comprehensive understanding of the concepts, approaches, methods, and techniques used for the implementation and effective management of a cloud security program
- Acknowledge the correlation between ISO/IEC 27017, ISO/IEC 27018, and other standards and regulatory frameworks
- Gain the ability to interpret the guidelines of ISO/IEC 27017 and ISO/IEC 27018 in the specific context of an organization
- Develop the necessary knowledge and competence to support an organization in effectively planning, implementing, managing, monitoring, and maintaining a cloud security program
- Acquire the practical knowledge to advise an organization in managing a cloud security program by following best practices

## Examination

Duration: 3 hours

The “PECB Certified Lead Cloud Security Manager” exam meets the requirements of the PECB Examination and Certification Program (ECP). It covers the following competency domains:

- Domain 1** | Fundamental principles and concepts of cloud computing
- Domain 2** | Information security policy for cloud computing and documented information management
- Domain 3** | Cloud computing security risk management
- Domain 4** | Cloud-specific controls based on ISO/IEC 27017 and ISO/IEC 27018 and best practices
- Domain 5** | Cloud security awareness, training, roles, and responsibilities
- Domain 6** | Cloud security incident management
- Domain 7** | Cloud security testing, monitoring, and continual improvement

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 Manager certifications and the PECB certification process, please refer to the [Certification Rules and Policies](#).

Credential	Exam	Professional experience	QMS project experience	Other requirements
<b>PECB Certified Provisional Cloud Security Manager</b>	PECB Certified Lead Cloud Security Manager exam, or equivalent	None	None	Signing the PECB Code of Ethics
<b>PECB Certified Cloud Security Manager</b>	PECB Certified Lead Cloud Security Manager exam, or equivalent	<b>Two years:</b> One year of work experience in Cloud Security	Project activities: a total of 200 hours	Signing the PECB Code of Ethics
<b>PECB Certified Lead Cloud Security Manager</b>	PECB Certified Lead Cloud Security Manager exam, or equivalent	<b>Five years:</b> Two years of work experience in Cloud Security	Project activities: a total of 300 hours	Signing the PECB Code of Ethics
<b>PECB Certified Senior Lead Cloud Security Manager</b>	PECB Certified Lead Cloud Security Manager exam, or equivalent	<b>Ten years:</b> Seven years of work experience in Cloud Security	Project activities: a total of 1,000 hours	Signing the PECB Code of Ethics

## General information

- Certification and examination fees are included in the price of the training course
- Participants will be provided with the training course material containing over 500 pages of explanatory information, examples, best practices, exercises, and quizzes.
- An attendance record worth 31 CPD (Continuing Professional Development) credits will be issued to the participants who have attended the training course.
- In case candidates fail the exam, they can retake it within 12 months of the initial attempt for free.