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
PECB Certified Provisional Cloud Security Manager	PECB Certified Lead Cloud Security Manager exam, or equivalent	None	None	Signing the PECB Code of Ethics
PECB Certified Cloud Security Manager	PECB Certified Lead Cloud Security Manager exam, or equivalent	**Two years:** One year of work experience in Cloud Security	Project activities: a total of 200 hours	Signing the PECB Code of Ethics
PECB Certified Lead Cloud Security Manager	PECB Certified Lead Cloud Security Manager exam, or equivalent	**Five years:** Two years of work experience in Cloud Security	Project activities: a total of 300 hours	Signing the PECB Code of Ethics
PECB Certified Senior Lead Cloud Security Manager	PECB Certified Lead Cloud Security Manager exam, or equivalent	**Ten years:** 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.