

## Lead Cloud Security Manager (PECB Certified) + exam

**Duration: 4 Days**    **Course Code: LCSM**    **Version: 1.0**

### Overview:

The Lead Cloud Security Manager training course enables participants to develop the competence needed to implement and manage a cloud security program by following widely recognized best practices.

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.

### Target Audience:

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

### 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

### Prerequisites:

- The main requirement for participating in this training course is having a fundamental understanding of ISO/IEC 27017 and ISO/IEC 27018 and a general knowledge of cloud computing concepts.

### Testing and Certification

The exam fee is included in the course fee

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

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## Content:

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

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## Additional Information:

**Educational approach** The training course contains essay-type exercises, multiple-choice quizzes, and examples of cloud security best practices. The participants are encouraged to communicate with each other and engage in discussions when completing quizzes and exercises. The exercises are based on a case study. The structure of the quizzes is similar to that of the certification exam.

**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 attestation of course completion 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.

### Additional Information

Training Days: 4

CPD Certification (Credits): 31

Exam Duration : 3 hours

Retake Exam: Yes

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## Further Information:

For More information, or to book your course, please call us on 0800/84.009

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[www.globalknowledge.com/en-be/](http://www.globalknowledge.com/en-be/)