

## Lead Cloud Security Manager (PECB Certified) - Including Exam

**Duration: 4 Days**    **Course Code: LCSM**    **Delivery Method: Virtual Classroom**

### 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.

### Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

### 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 “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

After successfully passing the exam, you can apply for one of the credentials below. You will receive the certificate once you comply with all the relevant requirements.

The requirements for PECB Cloud Security Manager Certifications are as follows:

#### **PECB Certified Provisional Cloud Security Manager**

- Exam: PECB Certified Lead Cloud Security Manager exam or equivalent

- Professional experience: None

- CCSMS project experience: None

- Other requirements: Signing the PECB Code of Ethics

#### **PECB Certified Cloud Security Manager**

- Exam: PECB Certified Lead Cloud Security Manager exam or equivalent

- Professional experience: Two years, including one year in cloud security

- CCSMS project experience: 200 hours

- Other requirements: Signing the PECB Code of Ethics

#### **PECB Certified Lead Cloud Security Manager**

- Exam: PECB Certified Lead Cloud Security Manager exam or equivalent

- Professional experience: Five years, including two years in cloud security

- CCSMS project experience: 300 hours

- Other requirements: Signing the PECB Code of Ethics

#### **PECB Certified Senior Lead Cloud Security Manager**

- Exam: PECB Certified Lead Cloud Security Manager exam or equivalent

- Professional experience: Ten years, including seven years in cloud security

- CCSMS project experience: 1,000 hours

- Other requirements: Signing the PECB Code of Ethics

The cloud security project experience should follow best implementation and management practices and include the following activities:

- Implementing a cloud security program

- Managing a cloud security program

- Managing documented information in the cloud

- Monitoring the cloud security performance

- Managing a cloud security team

## Content:

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

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

Day 3: Documented information management and cloud security awareness and training

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

## 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.

### **Building Digital Trust through Cloud Security Management**

The Lead Cloud Security Manager training course helps achieve digital trust by equipping professionals with the expertise needed to develop and manage secure cloud environments. In an era where organizations increasingly rely on cloud services, ensuring the security of sensitive data and operations is paramount. By learning how to implement and maintain robust cloud security programs, professionals can help organizations ensure their cloud services are resilient, secure, and compliant.

### **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.

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## Further Information:

For More information, or to book your course, please call us on 00 966 92000 9278

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