Lead Cloud Security Manager (PECB Certified) - Examen inclus

Durée: 4 Jours **Réf de cours: LCSM** **Méthodes d'apprentissage: Classe à distance**

Résumé:

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.

Classe à Distance - site Client

Cette formation peut être suivie à distance en synchrone depuis n'importe quel site pourvu d'une connexion internet (2 Mb/s en symétrique recommandés). Le programme (théorie et pratique) suit le même déroulé pédagogique qu'en présentiel. La solution technologique adoptée permet aux apprenants à distance de suivre les présentations faites au tableau, de voir et d'entendre l'instructeur et les participants en temps réel, mais également d'échanger avec eux.

Public visé:

- 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

Objectifs pédagogiques:

- 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

Pré-requis:

- 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.

Test et 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

Contenu:

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

Méthodes pédagogiques :

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.

Autres moyens pédagogiques et de suivi:

• Compétence du formateur : Les experts qui animent la formation sont des spécialistes des matières abordées et ont au minimum cinq ans d'expérience d'animation. Nos équipes ont validé à la fois leurs connaissances techniques (certifications le cas échéant) ainsi que leur compétence pédagogique.
• Suivi d'exécution : Une feuille d'émargement par demi-journée de présence est signée par tous les participants et le formateur.
• En fin de formation, le participant est invité à s'auto-évaluer sur l'atteinte des objectifs énoncés, et à répondre à un questionnaire de satisfaction qui sera ensuite étudié par nos équipes pédagogiques en vue de maintenir et d'améliorer la qualité de nos prestations.

Délais d'inscription :

• Vous pouvez vous inscrire sur l'une de nos sessions planifiées en inter-entreprises jusqu'à 5 jours ouvrés avant le début de la formation sous réserve de disponibilité de places et de labs le cas échéant.
• Votre place sera confirmée à la réception d'un devis ou """"booking form""""" signé. Vous recevrez ensuite la convocation et les modalités d'accès en présentiel ou distanciel.
• Attention, si cette formation est éligible au Compte Personnel de Formation, vous devrez respecter un délai minimum et non négociable fixé à 11 jours ouvrés avant le début de la session pour vous inscrire via moncompteformation.gouv.fr.

Accueil des bénéficiaires :

• En cas de handicap : plus d'info sur globalknowledge.fr/handicap
• Le Règlement intérieur est disponible sur globalknowledge.fr/reglement