ISO/IEC 27001 Lead Implementer: Information Security Management

Date and duration
Training code : ISO27001LI-EN Duration : 4,5 days Nombre d'heures : 31 heures

Training with certification
ISO/IEC 27001 : management de la sécurité de l'information

Body
The objective of an **Information Security Management System (ISMS)** is to implement measures that reduce or even eliminate various threats within an organization, in order to ensure business continuity, protect information assets, and strengthen customer trust. The **ISO/IEC 27001:2022** standard sets out, in the form of requirements, a set of organizational and technical best practices, along with control points to be established to ensure the effectiveness of the ISMS. The ultimate goal is to enable an organization to effectively manage information-related risks. The ISO/IEC 27001:2022 Lead Implementer training is designed to provide you with the knowledge and skills necessary to establish, manage, and continually improve an ISMS within an organization in accordance with the ISO/IEC 27001:2022 standard. These learning outcomes will allow organizations to adopt best practices in **information security management**, safeguard sensitive data, enhance efficiency, and improve overall organizational performance. The ISO/IEC 27001 standard can be applied to organizations of any size and in any sector. At the end of this training, you will take the ISO/IEC 27001 Lead Implementer certification exam. Successfully passing this exam will validate your professional competencies and enable you to apply for the **PECB Certified ISO/IEC 27001 Lead Implementer certification**.

Objectifs

By the end of the PECB ISO/IEC 27001 Lead Implementer (2022) training, you will be able to:

- Distinguish the relationship between ISO/IEC 27001 and ISO/IEC 27002, as well as other related regulations.
- Master the concepts, practices, and techniques required to implement and manage an Information Security Management System (ISMS).
- Apply the guidelines of the ISO/IEC 27001 standard in a specific organizational context.
- Support an organization in planning, implementing, managing, monitoring, and continually improving its ISMS.
- Advise an organization on best practices related to ISMS.

The skills you will acquire can be applied to organizations of any size and type, delivering the following benefits:

- Improved awareness of information security
- Reduced security breaches
- Competitive advantage
- Increased credibility and trust

- Compliance with relevant laws and regulations

Points forts

- Practical exercises based on real-life case studies, with a 450-page training manual;
- 31 CPD credits; Certification exam included in the training fee;
- In case of failure, you can retake the exam free of charge within 12 months.

Certification

During the training, you will receive a "coupon code," which allows you to schedule your exam at the date and time of your choice. The exam is conducted online in a multiple-choice format. The PECB Certified ISO/IEC 27001 Lead Implementer exam meets the requirements of the PECB examination and certification program. It covers the following competency domains:

- Fundamental principles and concepts of an Information Security Management System (ISMS);
- Planning the implementation of an ISMS according to ISO 27001;
- Performance evaluation, monitoring, and measurement of an ISMS according to ISO 27001;
- Continuous improvement of an ISMS according to ISO 27001;
- Preparing for the certification audit of an ISMS.

The exam is available in both French and English, and you are allowed 3 hours to complete the ISO 27001 Lead Implementer exam. For more details on the requirements, please refer to the PECB Examination Rules and the PECB Certification Rules.

Modalités d'évaluation

Quiz / QCM
Case study

Pré-requis

Attending the **ISO 27001 Lead Implementer training** course requires the following prerequisites:

- Being involved in information security management;
- Having knowledge of the fundamental principles of ISO 27001 and its application.

Public

This training course is intended for the following audiences:

- Individuals involved in business continuity management (risk managers, consultants, etc.);
- Individuals who wish to master the implementation of an ISMS;
- Individuals responsible for ensuring ISMS compliance;
- Members of an ISMS implementation team.

Programme

Introduction Round

- Individual introductions
- Exploration of participants' expectations and objectives

- Introduction to the training framework
- Alignment with specific goals and challenges
- Identification of participants' expectations and perspectives

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Day 1:

- Introduction to management systems and the process approach
- Presentation of ISO/IEC 27001:2022, ISO/IEC 27002:2013, and ISO/IEC 27003:2017 standards
- Fundamental principles of information security
- Preliminary analysis and assessment of the maturity level of an existing ISMS, based on ISO/IEC 21827:2008
- Drafting the business case and planning the implementation of an ISMS

Day 2:

- Defining the scope of an ISMS
- Implementing an ISMS and information security policies
- Selecting the approach and methodology for risk assessment
- Risk management: identifying, analyzing, and treating risks (based on the guidance of ISO/IEC 27005:2011)
- Drafting the Statement of Applicability (SoA)

Day 3:

- Implementing the document management framework
- Designing controls and drafting procedures
- Implementing controls
- Developing an information security training, awareness, and communication program
- Incident management (based on ISO/IEC 27035:2016)
- Managing ISMS operations

Days 4 and 5:

- Monitoring and measuring the ISMS
- Developing metrics, performance indicators, and dashboards in line with ISO/IEC 27004:2016
- Conducting an internal ISMS audit
- Management review of an ISMS
- Implementing a continual improvement program
- Preparing for an ISO/IEC 27001 certification audit
- Preparation for the ISO/IEC 27001 Lead Implementer certification exam

Note: The course materials and the PECB ISO/IEC 27001 Lead Implementer exam are available in both French and English.

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Training content offered in partnership with PECB