VNOHOW

PECB



PECB Certified ISO/IEC 27034
Lead Application Security Implementer

Master the implementation and management of application security controls based on ISO/IEC 27034

Why should you attend?

As applications increasingly handle sensitive data and critical functions, ensuring application security has become essential for organizations globally. Attending the ISO/IEC 27034 Lead Application Security Implementer training course provides participants with a comprehensive understanding of the standard's framework for application security, along with practical skills to establish and maintain the Organization Normative Framework (ONF), implement Application Security Controls (ASCs), and manage security across the Application Security Life Cycle (ASLC).

Additionally, certification as a "PECB Certified ISO/IEC 27034 Lead Application Security Implementer" demonstrates expertise and commitment to application security, enhancing career opportunities in roles such as security manager, consultant, or auditor. This course also facilitates networking with other security professionals who share insights and best practices, thereby enhancing the real-world applicability of ISO/IEC 27034 across diverse industries.



Who should attend?

This training course is intended for:

- Application security professionals responsible for managing and implementing security measures in the software development life cycle
- IT and information security managers who need to ensure secure application development within their organizations
- Compliance officers and risk managers focused on achieving regulatory compliance and reducing application-related security risks
- Software developers and architects who want to integrate security practices into the development and design processes
- Consultants seeking to broaden their expertise in application security and ISO/IEC 27034 implementation
- Individuals interested in advancing their careers in information security, with a focus on application security

Course agenda

Duration: 5 days

Day 1 | Introduction to application security and ISO/IEC 27034

- Training course objectives and structure
- Standards and regulatory frameworks
- Overview of ISO/IEC 27034
- Fundamental concepts and principles of application security
- Application security scope

Day 2 | Planning the implementation of ISO/IEC 27034

- Organizational-level planning
- Application-level planning

Day 3 | Implementation of ISO/IEC 27034 and incident management and response

- Implementation of application security controls
- Implementation of security practices
- Advanced application security technologies
- Incident management and response
- Training and awareness

Day 4 | Monitoring, continual improvement, and security audits

- Application security verification process
- Application security monitoring
- Internal audit
- Continual improvement
- Closing of the training course

Day 5 | Certification Exam



Learning objectives

Upon successful completion of this training course, participants will be able to:

- Explain the key concepts and principles of application security based on ISO/IEC 27034
- Interpret the ISO/IEC 27034 guidelines for an application security program from the perspective of an implementer
- Initiate and plan the implementation of an application security program based on ISO/IEC 27034 by utilizing best practices
- Support an organization in operating, maintaining, and continually improving an application security program based on ISO/IEC 27034

Examination

Duration: 3 hours

The "PECB Certified ISO/IEC 27034 Lead Application Security Implementer" exam complies with the PECB Examination and Certification Program (ECP) requirements. The exam covers the following competency domains:

Domain 1 | Fundamental principles and concepts of application security

Domain 2 | Application security planning

Domain 3 | Implementation of application security controls

Domain 4 | Application security incident management and response

Domain 5 | Verifying and monitoring application security

Domain 6 | Continual improvement and auditing of application security

For specific information about the exam type, languages available, and other details, please visit the List of PECB Exams and Exam Rules and Policies.



Certification

After successfully passing the exam, you can apply for one of the credentials shown on the table below. You will receive the certificate once you comply with all the requirements related to the selected credential. For more information about ISO/IEC 27034 certifications and the PECB certification process, please refer to the Certification Rules and Policies.

Credential	Exam	Professional experience	Application security experience	Other requirements
PECB Certified ISO/IEC 27034 Provisional Application Security Implementer	PECB Certified ISO/IEC 27034 Lead Application Security Implementer exam	None	None	Signing the PECB Code of Ethics
PECB Certified ISO/IEC 27034 Application Security Implementer		**2 years:** (1 in application security)	200 hours	
PECB Certified ISO/IEC 27034 Lead Application Security Implementer		**5 years:** (2 in application security)	300 hours	
PECB Certified ISO/IEC 27034 Senior Lead Application Security Implementer		**10 years:** (7 in application security)	1,000 hours	

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 450 pages of 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 you fail the exam, you are eligible to retake the exam within a 12-month period from the date the coupon code is received.