PECB Certified ISO/IEC 27034
Lead Implementer

Master the implementation of Application Security (AS) techniques based on ISO/IEC 27034

Why should you attend?

ISO/IEC 27034 Lead Implementer training enables you to develop the necessary expertise to support an organization in establishing, implementing and managing Application Security (AS) based on ISO/IEC 27034. During this training course, you will also gain a thorough understanding of the best practices of Application Security techniques and be able to identify and avoid common application vulnerabilities.

After mastering all the necessary concepts of Application Security (AS) techniques, you can sit for the exam and apply for a "PECB Certified ISO/IEC 27034 Lead Implementer" credential. By holding a PECB Lead Implementer Certificate, you will be able to demonstrate that you have the practical knowledge and professional capabilities to implement ISO/IEC 27034 in an organization.

Who should attend?

➤ Managers or consultants involved in Application Security (AS)
➤ Expert advisors seeking to master the implementation of Application Security techniques
➤ Individuals responsible for maintaining conformance with organization`s Application Security requirements
➤ Application Security team members
➤ Application developers
➤ Application Security analysts
➤ Expert advisors involved in Application Security (AS) operations

Course agenda   Duration: 5 days

Day 1 │ Introduction to Application Security techniques

➤ Course objectives and structure
➤ ISO and International Standards
➤ ISO/IEC 27034 – Application Security

➤ ISO 27034 AS – Overview and concepts
➤ ISO/IEC 27034 – Application Security Framework

Day 2 │ Plan the implementation of AS techniques based on ISO/IEC 27034 (project level)

➤ The AS Management Process (ASMP)

Day 3 │ Implementation of AS techniques based on ISO/IEC 27034 (organization level)

➤ Implementation of AS based on ISO/IEC 27034 (Organization Level)
➤ Security guidance for specific organizations and applications

➤ ONF Components

Day 4 │ AS validation and certification, protocols and ASC data structure based on ISO/IEC 27034

➤ AS validation and certification
➤ AS validation and certification

➤ Competence and evaluation of implementers
➤ Closing the training

Day 5 │ Certification Exam

Learning objectives

➤ Acknowledge the correlation between ISO/IEC 27034 and other standards and regulatory frameworks

➤ Master the concepts, principles, approaches, components, processes and techniques used for the implementation and effective maintenance of Application Security

➤ Learn how to interpret the ISO/IEC 27034 guidelines within the specific context of an organization

➤ Learn how to support an organization to effectively plan, implement, and manage Application Security

➤ Acquire the expertise to advise an organization in implementing Application Security best practices

Examination

Duration: 3 hours

The "PECB Certified ISO/IEC 27034 Lead Implementer" exam fully meets the requirements of the PECB Examination and Certification Programme (ECP). The exam covers the following competency domains:

Domain 1 | Fundamental principles and concepts of Application Security

Domain 2 | Application Security Controls (ASCs) and other best practices in AS

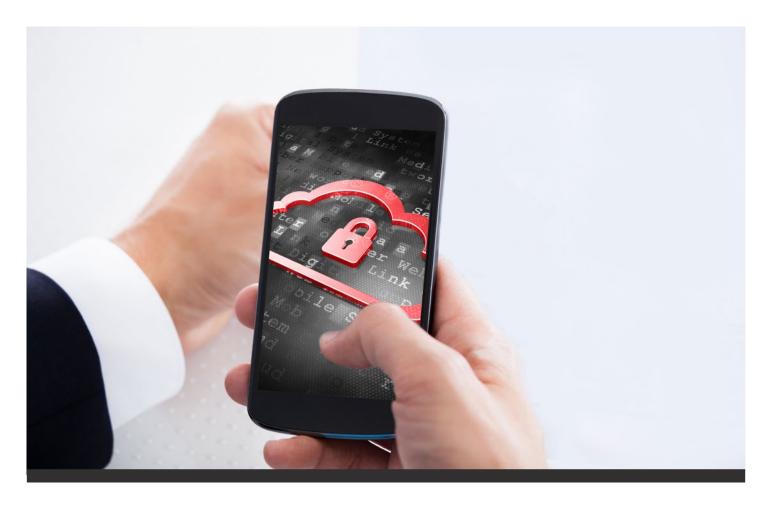**Domain 3** | Preparation of an AS project implementation based on ISO/IEC 27034

Domain 4 | Implementing an AS project based on ISO/IEC 27034

Domain 5 | Performance evaluation, monitoring and measurement of an AS project based on ISO/IEC 27034

Domain 6 | Continual improvement of an AS project based on ISO/IEC 27034

Domain 7 | Preparing for an Application Security audit

For more information about exam details, please visit Examination Rules and Policies.

Certification

After successfully completing the exam, you can apply for the credentials shown on the table below
You will receive a 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	AS project experience	Other requirements
PECB Certified ISO/IEC 27034 Provisional Implementer	PECB Certified ISO/IEC 27034 Lead Implementer exam or equivalent	None	None	Signing the PECB Code of Ethics
PECB Certified ISO/IEC 27034 Implementer	PECB Certified ISO/IEC 27034 Lead Implementer exam or equivalent	**Two years:** One year of work experience in Application Security	Project activities: a total of 200 hours	Signing the PECB Code of Ethics
PECB Certified ISO/IEC 27034 Lead Implementer	PECB Certified ISO/IEC 27034 Lead Implementer exam or equivalent	**Five years:** Two years of work experience in Application Security	Project activities: a total of 300 hours	Signing the PECB Code of Ethics

General information

➤ Certification fees are included on the exam price
➤ Training material containing over 450 pages of information and practical examples will be distributed
➤ A participation certificate of 31 CPD (Continuing Professional Development) credits will be issued
➤ In case of exam failure, you can retake the exam within 12 months for free

For additional information, please contact us at marketing@pecb.com or visit www.pecb.com