PECB Certified ISO/IEC 27034 Application Security Foundation

Gain knowledge of application security principles and concepts, as well as the fundamentals of implementing and verifying application security controls based on ISO/IEC 27034

Why should you attend?

The ISO/IEC 27034 Foundation training course enables participants to understand the fundamental concepts and principles of application security, as well as the structure, components, and requirements of ISO/IEC 27034. This course is designed to prepare professionals to support the implementation and maintenance of application security throughout the software life cycle.

By attending this course, participants will learn how ISO/IEC 27034 aligns with other standards, understand key security principles such as confidentiality, integrity, and availability, and gain insight into the roles involved in managing the Organization Normative Framework (ONF) and Application Normative Framework (ANF).

Who should attend?

This training course is intended for:

- Individuals involved in application security or IT governance
- Professionals seeking to gain knowledge about ISO/IEC 27034 and its application
- Individuals involved in the implementation, management, or improvement of application security
- IT professionals, developers, or managers responsible for safeguarding applications

Learning objectives

By the end of this training course, participants will be able to:

- Describe the structure, scope, and components of the ISO/IEC 27034 series and understand how it aligns with and complements other standards and frameworks
- Identify and explain key concepts and principles such as confidentiality, integrity, availability, threats, vulnerabilities, and risks, and understand their relevance in securing applications throughout their life cycle
- Explain the roles and responsibilities in establishing and maintaining the Organization Normative Framework (ONF) and Application Normative Framework (ANF)
- Describe the processes for validating application security requirements, assessing security risks, verifying security controls, and using KPIs to support continual improvement of application security practices

Course agenda

DURATION: 2 DAYS

- Day 1: Introduction to application security and ISO/IEC 27034
- Day 2: Implementation and verification of application security controls

Prerequisites

- There are no prerequisites to participate in this training course.

Examination

DURATION: 1 HOUR

The "PECB ISO/IEC 27034 Foundation" exam fully meets all the PECB Examination and Certification Program (ECP) requirements. It covers the following competency domains:

- Domain 1: Fundamental principles and concepts of application security
- Domain 2: Organizational and application security planning, implementation, and monitoring

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 requirements

After passing the exam, you can apply for the credential shown in the table below.
The certificate requirements for PECB ISO/IEC 27034 Foundation are:

Designation	Exam	Professional experience	Application security project experience	Other requirements
PECB Certificate Holder in ISO/IEC 27034 Foundation	PECB ISO/IEC 27034 Foundation exam	None	None	Signing the PECB Code of Ethics

General information

- Certificate and examination fees are included in the price of the training course.
- Participants will receive more than 200 pages of comprehensive training materials, including practical examples, exercises, and quizzes.
- Participants who have attended the training course will receive an attestation of course completion worth 14 CPD (Continuing Professional Development) credits.
- Candidates who have completed the training course with one of our partners and failed the first exam attempt are eligible to retake the exam for free within a 12-month period from the date the coupon code is received because the fee paid for the training course includes a first exam attempt and one retake. Otherwise, retake fees apply.