

ISO/IEC 27034 Application Security Implementer Training and Certification Course

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Course Overview

The ISO/IEC 27034 Application Security Implementer Training and Certification Course is a comprehensive iso/iec 27034 training course designed to equip professionals with the knowledge and practical skills required to implement and manage application security programs. This iso/iec 27034 certification training covers the application security framework outlined in iso/iec 27034 and provides practical methods for establishing secure software development and application security governance within organizations.

The iso/iec 27034 lead application security implementer training focuses on the development and integration of the organization normative framework, ensuring that application security controls are properly defined, implemented, and monitored across the application security life cycle. Participants will also gain expertise in application security risk management, incident management, and continual improvement processes to maintain a secure and compliant application environment.

By the end of the iso/iec 27034 application security certification course, participants will have the tools and techniques to apply application security best practices, conduct internal audits, manage security documentation, and prepare for the iso/iec 27034 certification exam preparation. This course is ideal for those seeking to enhance their careers as security implementers, risk managers, or compliance officers focusing on application security.

Target Audience

- Application security professionals responsible for software security
- IT and information security managers overseeing secure development
- Compliance officers and risk managers responsible for application security risk management
- Software developers and architects seeking secure software development life cycle training
- Consultants aiming to expand their expertise in iso/iec 27034 implementation training
- Security professionals preparing for iso/iec 27034 lead implementer certification

Targeted Organizational Departments

- Information security and cybersecurity departments
- Software development teams
- Compliance and risk management departments
- IT governance teams
- Internal audit teams
- Quality assurance and application testing teams

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Targeted Industries

- Financial services and banking
- Healthcare and pharmaceuticals
- Government and public sector
- Telecommunications and technology
- E-commerce and online platforms
- Software development companies
- Critical infrastructure and utilities

Course Offerings

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

- Explain the fundamental principles and best practices of application security training
- Implement application security controls based on iso/iec 27034
- Establish and manage the iso/iec 27034 organization normative framework
- Conduct application security risk management and assessment processes
- Manage the application security life cycle from planning to continual improvement
- Perform application security verification training and internal audits
- Develop and manage application security documentation aligned with iso/iec 27034 compliance framework
- Manage application security incident response and monitoring processes
- Prepare for the iso/iec 27034 certification exam preparation to achieve certification

Training Methodology

This iso/iec 27034 training course uses a blended learning approach that combines instructor-led lectures, group discussions, case studies, and hands-on exercises. Participants apply the iso/iec 27034 application security framework directly to simulated scenarios to gain practical experience in application security governance and risk management.

Interactive group work helps participants develop organization normative framework policies, apply application security controls, and manage application security risk assessments. Each session incorporates peer collaboration to review application security documentation, audit findings, and compliance requirements using iso/iec 27034 audit and compliance training methods.

Case study exercises provide real-world examples of secure software development life cycle training, application security incident response training, and application security monitoring and reporting, ensuring participants can apply these techniques within their own organizations.

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Course Toolbox

- ISO/IEC 27034 training manual
- Application security framework templates
- Application security risk assessment templates
- Organization normative framework development guides
- Application security controls checklists
- Application security incident management procedures
- Internal audit checklists and tools
- ISO/IEC 27034 continual improvement framework templates
- Sample application security documentation and compliance reports
- Certification exam preparation guide

Course Agenda

Day 1: Introduction to ISO/IEC 27034 and Application Security Fundamentals

- Topic 1: Overview of ISO/IEC 27034 training course objectives and structure
- Topic 2: Key principles of ISO/IEC 27034 application security framework
- Topic 3: ISO/IEC 27034 organization normative framework and its role
- Topic 4: Application security life cycle training and governance integration
- Topic 5: Understanding application security roles and responsibilities training
- Topic 6: Secure software development life cycle training and early-stage security
- Reflection & Review: Review of application security training fundamentals and application security governance concepts

Day 2: Planning and Implementing Application Security Programs

- Topic 1: ISO/IEC 27034 security planning training for organizational and application levels
- Topic 2: ISO/IEC 27034 implementation training and building application security programs
- Topic 3: Application security policies and procedures training for secure development
- Topic 4: Application security risk assessment training and threat modeling
- Topic 5: Application security controls training and secure coding practices training
- Topic 6: Application security training for developers on integrating security into design
- Reflection & Review: Reflection on ISO/IEC 27034 implementation roadmap and application security documentation training

Day 3: Application Security Risk Management and Incident Response

- Topic 1: Application security risk management and ISO/IEC 27034 risk assessment training
- Topic 2: Application security incident response training and incident escalation
- Topic 3: Application security monitoring and reporting to support compliance
- Topic 4: Application security awareness training and building secure culture
- Topic 5: ISO/IEC 27034 application security program integration into compliance framework
- Topic 6: Aligning ISO/IEC 27034 audit and compliance training with regulatory standards
- Reflection & Review: Reviewing application security incident management and risk reporting processes

Day 4: Verification, Audit Preparation, and Continual Improvement

- Topic 1: Application security verification training and internal audit processes
- Topic 2: ISO/IEC 27034 audit preparation and aligning with application security best practices
- Topic 3: Application security internal audit training and performance assessments
- Topic 4: ISO/IEC 27034 continual improvement framework for application security programs
- Topic 5: Application security framework integration training with ISO/IEC 27034 compliance framework
- Topic 6: Application security standards and regulatory frameworks review
- Reflection & Review: Reviewing ISO/IEC 27034 compliance framework, documentation, and audit readiness

Day 5: Advanced Technologies, Case Studies, and Certification Preparation

- Topic 1: Application security technologies training and emerging security practices
- Topic 2: ISO/IEC 27034 certification exam preparation and lead implementer certification
- Topic 3: Application security assessment training using case studies and practical exercises
- Topic 4: Reviewing secure coding practices training for developers and security teams
- Topic 5: Application security documentation training and final compliance checklist review
- Topic 6: Final reflection on ISO/IEC 27034 lead application security implementer role
- Reflection & Review: Final reflection on ISO/IEC 27034 application security certification journey and career advancement opportunities

FAQ

What specific qualifications or prerequisites are needed for participants before enrolling in the course?

There are no formal prerequisites for the iso/iec 27034 training course. However, prior experience in information security, software development, or risk management would be beneficial. Participants aiming for iso/iec 27034 lead implementer certification will gain the most value.

How long is each day's session, and is there a total number of hours required for the entire course?

Each day's session is generally structured to last around 4-5 hours, with breaks and interactive activities included. The total course duration spans one week, approximately 20-25 hours of instruction.

How does ISO/IEC 27034 differ from other application security frameworks?

iso/iec 27034 application security framework focuses on integrating security practices across the entire software development life cycle, linking organizational-level policies with application-level controls through the organization normative framework. Unlike generic security standards, iso/iec 27034 applies a structured approach to ensuring secure applications are developed and maintained.

How This Course is Different from Other ISO/IEC 27034 Application Security Implementer Training Courses

The iso/iec 27034 application security implementer training and certification course stands out for its balanced approach to theoretical instruction and hands-on application. While some courses focus solely on secure coding practices or compliance, this course delivers comprehensive coverage of the iso/iec 27034 application security framework, including planning, implementation, incident response, internal audit, and continual improvement.

Participants develop practical skills in application security controls training, application security risk assessment training, and application security monitoring and reporting, allowing them to implement effective security programs aligned with organizational objectives. Real-world case studies and peer collaboration ensure participants leave with both technical knowledge and leadership skills essential for managing secure applications.

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- Data Analytics Training and Data Science Courses
- Digital Government & Public Service Training Courses
- Education and Learning Development Training Courses
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- Facilities and Real Estate Training Courses
- Finance and Accounting Training Courses
- Governance, Risk and Compliance Training Courses
- Healthcare Management Training Courses
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