

# ISO/IEC 27001 Lead Implementer Training Course



TRECCERT ISO/IEC 27001 Lead Implementer is an expert-level course developed to equip trainees with a practical understanding of the Information Security Management System (ISMS) implementation approach based on the ISO/IEC 27001 standard.

## TARGET AUDIENCE

The ISO/IEC 27001 Lead Implementer training course is developed for individuals responsible for the implementation and maintenance of an ISMS, for example:

- CISO, CTO
- Information Security Expert, Consultant, Manager, Project Manager or Officer
- GDPR or Cybersecurity Consultant

## LEARNING OBJECTIVES

- Know and understand information security, including principles, fundamental concepts, and standards, best practices and laws/regulations.
- Know and understand ISO/IEC 27001 requirements and controls, and describe their function and operation.
- Know and understand ISO/IEC 27001 – Annex A controls, and describe their purposes and implementation methods.
- Know, understand and be able to participate in ISMS implementation projects and related activities.
- Know, understand and be able to implement ISMS implementation projects and related activities.

## COURSE MATERIAL FACTSHEET



Training Slides  
**500**



Quiz Questions  
**20**



Exercises  
**10**

# COURSE OUTLINE

## 1. Introduction to ISMS

- Introduction to Information Security
- ISMS Overview
- IS Standards and Best Practices

## 2. ISMS Requirements

- Context of the Organization
- Leadership
- Planning
- Support
- Operation
- Performance Evaluation
- Improvement

## 3. ISMS Controls – Part 1

- Information Security Policies
- Organization of Information Security
- Human Resources
- Asset Management
- Access Control
- Cryptography
- Physical and Environmental Security

## 4. ISMS Controls – Part 2

- Operations Security
- Communications Security
- System Development and Maintenance
- Supplier Relationships
- Information Security Incident Management
- IS Aspects of Business Continuity Management
- Compliance

## 5. ISMS Initiation

- Develop the ISMS Project Charter
- Ensure Management Commitment
- Identify the Interested Parties
- Conduct a Gap Analysis

## 6. Establishment Phase

- Establish the Context of Organization
- Define the ISMS Scope
- Establish the Objectives, Processes, and Procedures
- Establish the ISMS Policy
- Define the Risk Assessment Approach
- Create the ISMS Implementation Plan
- Management Authorization

## 7. Implementation and Operation Phase

- Risk Treatment
- Implement the Compliance Policy
- Implementation of Controls
- Manage ISMS Operations
- Manage Resources

## 8. Monitor and Review Phase

- Monitor the ISMS
- Conduct Internal Audits
- Review the ISMS

## 9. Maintenance and Improvement Phase

- Implement the Identified Improvements
- Corrective and Preventive Actions
- Communicate the Actions and Improvements
- Ensure Continual Improvement of the ISMS

# EXAMINATION DETAILS



Nr. of questions

**150**



Type of exam

**Multiple choice**



Duration

**3 hours**



Location

**Online**

## COURSE DETAILS



Duration

**Five (5) days**



Language

**English**



Credits

**40**



Training mode

**Classroom and online**

# PATH TO RECOGNITION

[info@treccert.com](mailto:info@treccert.com) | [www.treccert.com](http://www.treccert.com)

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