

ISO 27002:2022 - Certified Lead Implementer

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ISO 27002:2022 - Certified Lead Implementer — Certification Overview

The ISO 27002:2022 Certified Lead Implementer program equips professionals with the knowledge and skills to implement and manage information security controls based on the latest ISO/IEC 27002 standard. This certification focuses on translating ISO 27002 guidance into practical, actionable security measures, enabling organizations to protect their information assets effectively. Participants will gain expertise in risk assessment, control selection, implementation planning, and continual improvement of information security practices aligned with industry best practices.

Through this program, participants learn to design, implement, and manage an information security framework that addresses organizational needs, regulatory requirements, and emerging threats. The training emphasizes a systematic approach to information security management, including developing policies, implementing controls, monitoring performance, and fostering a culture of security awareness across the organization. By the end of the course, professionals are equipped to lead implementation projects and ensure compliance with ISO 27002:2022 standards.

Target Audience

This certification is ideal for information security professionals, IT managers, compliance officers, risk managers, and consultants responsible for implementing or maintaining information security controls. It is also suitable for individuals seeking to advance their careers in information security management, enhance organizational security posture, or prepare for roles that require in-depth knowledge of ISO 27002:2022 implementation practices. The program benefits anyone involved in managing information security projects or leading initiatives to strengthen an organization's information security framework.

What Modules are covered?

Module 1 - Introduction to ISO 27002:2022 and Information Security Management

- Overview of ISO/IEC 27002:2022 and its relationship with ISO/IEC 27001
- Key principles of information security and confidentiality, integrity, availability (CIA triad)
- Roles and responsibilities in information security management
- Understanding the ISO 27002 control categories and structure
- Benefits of implementing ISO 27002 controls in an organization

Module 2 - Risk Assessment and Control Selection

- Fundamentals of risk management and assessment
- Identifying assets, threats, and vulnerabilities
- Risk evaluation methods and prioritization
- Selecting appropriate ISO 27002:2022 controls based on risk assessment
- Documenting risk treatment plans and decision-making process

Module 3 - Planning and Implementing ISO 27002 Controls

- Developing an implementation roadmap and strategy
- Policies, procedures, and guidelines for control implementation
- Integrating ISO 27002 controls with existing processes and systems
- Change management and stakeholder engagement during implementation
- Practical implementation challenges and solutions

Module 4 - Information Security Policies and Procedures

- Designing and drafting information security policies aligned with ISO 27002
- Procedure development for access control, data protection, and asset management
- Managing human resources and security awareness
- Incident management and reporting procedures
- Ensuring regulatory compliance through policy enforcement

Module 5 - Monitoring, Measurement, and Continual Improvement

- Establishing metrics and key performance indicators (KPIs) for security controls
- Monitoring effectiveness of implemented controls
- Conducting internal audits and gap analysis
- Corrective actions and continual improvement of information security measures
- Reporting to management and stakeholders

Module 6 - Leading an ISO 27002 Implementation Project

- Project management principles for information security initiatives
- Roles and responsibilities of a Lead Implementer
- Managing teams, resources, and timelines for successful implementation
- Risk-based decision-making and prioritization in real scenarios
- Preparing for ISO/IEC 27002 compliance assessment or audit