

ISO/IEC 27001:2022 INFORMATION SECURITY MANAGEMENT SYSTEM (ISMS) - INTRODUCTION

Level: Fundamental | **Duration:** 1 day

This one-day course aims to provides participants with basic understanding on information security and Information Security Management System (ISMS); knowledge on the objectives and benefits of ISMS; the requirements specified in ISO/IEC 27001:2022 ISMS ; the controls provided in ISO/IEC 27002:2022 information security controls and its implementation; and an insight into the emerging ISO 27000 series of standards.

Objectives

Basic understanding on Information Security and Information Security Management System (ISMS) ISO/IEC 27001:2022. It gives participants an overview of the ISMS principles and requirements of ISO/IEC 27001:2022. Discussions on the benefits and critical success factors for implementing ISMS and to ensure effective and successful ISMS implementation.

Learning Outcome

1. Basic understanding on information security concepts, its importance and benefits of ISMS implementation
2. Overview and understanding of ISO/IEC 27001:2022 & ISO/IEC 27002:2022 standards requirements.
3. Understanding on the benefits and critical success factors for ISO/IEC 27001 ISMS implementation.

Target Participants

1. ISMS Implementors
2. ISMS Consultants
3. Information Security Practitioners
4. Senior Managers/Managers
5. Individual who needs to acquire general knowledge in ISMS

Modules

1. Introduction to Information Security Management System (ISMS)

- is Information Security
- is Information Security Management Systems (ISMS)?
- Why ISMS
- ISO/IEC 27001:2022 Information Security Management System - Requirements
- ISO/IEC 27002:2022 Code of Practice for Information Security Control
- Benefits
- Critical Success Factor

2. Information Security Management System (ISMS) Establishment

- Gap Analysis
- Context of the Organisation
- ISMS Scope and Boundaries
- Information Security Objectives

3. Leadership

- Management Commitment
- Information Security Policy
- Roles and Responsibilities
- Example of an Organisational Structure for ISMS Implementation

4. ISMS Risk Assessment

- Benefits of Risk Management
- Risk Assessment Process
- Risk Identification
- Risk Analysis
- Risk Evaluation
- Risk Treatment Process
- Controls Determination
- Risk Treatment Plan
- Residual Risk

5. Support

- Resources
- Competence
- Awareness
- Communication

6. Documented Information

- What is Documented Information
- Control of Documented Information
- Required Documented Information
- Other Documented Information
- Examples of Policies, Procedures and Records

7. Documented Information

- Monitoring, Measurement, Analysis and Evaluation
- ISMS Internal Audit Programme
- Management Review

8. ISMS Improvement

- Nonconformity
- Corrective Action
- Continual Improvement

For additional information, please visit www.cyberguru.my. You can also contact us at training@cybersecurity.my or call at 03 8800 7999