



ISO/IEC 27017 AND ISO/IEC 27018 UNDERSTANDING AND IMPLEMENTING TRAINING



MTBM Group Sdn. Bhd. (1600656-M)

Level 8, MCT Tower, Sky Park, One City, Jalan USJ 25/1, 47650 Subang Jaya, Selangor

Course Title: ISO/IEC 27017 and ISO/IEC 27018 Understanding and Implementing Training

Course Validity: 2 Days

Validity: Not Applicable

HRD Corp Scheme: Claimable

INTRODUCTION

This training provides participants with a comprehensive and practical understanding of ISO/IEC 27017 (cloud security controls) and ISO/IEC 27018 (PII protection in public cloud environments), focusing on how these standards strengthen an organisation's Information Security Management System (ISMS) and support safe, compliant and secure cloud adoption. The course explains cloud-specific security threats, privacy challenges and shared responsibility models while guiding participants through the additional controls required to protect information assets and personally identifiable information when using cloud-based services. Through case studies, workshops and cloud scenario exercises, participants will gain the capability to apply cloud security and privacy controls effectively and enhance organisational readiness for audits, certifications and regulatory obligations.

OBJECTIVE(S):

- Understand the purpose, scope and structure of ISO/IEC 27017 and ISO/IEC 27018.
- Learn cloud-specific security and privacy risks.
- Apply ISO/IEC 27017 cloud security controls for CSPs and cloud customers.
- Implement ISO/IEC 27018 controls for PII protection in public cloud environments.
- Strengthen cloud governance, risk assessments and ISMS integration.
- Understand compliance requirements related to privacy and cloud service agreements.
- Implement monitoring, incident management and supplier management processes.
- Enhance organisational readiness for audits and certification.

MTBM Group Sdn. Bhd. (1600656-M)

Level 8, MCT Tower, Sky Park, One City, Jalan USJ 25/1, 47650 Subang Jaya, Selangor

TARGET GROUP(S):

- Information Security Officers and cybersecurity teams
- IT managers, system administrators and cloud engineers
- Privacy, legal and compliance personnel
- Risk management and governance teams
- Internal auditors
- ISO/IEC 27001 implementation and certification teams

ENTRY REQUIREMENT(S):

- Able to read, write and communicate verbally in Malay/English

TOPIC(S):

1. Introduction to ISO/IEC 27017 & ISO/IEC 27018 Standards
2. Cloud Computing Concepts, Models and Shared Responsibilities
3. Cloud Security and Privacy Risk Identification
4. ISO/IEC 27017 Controls: Cloud-Specific Security Enhancements
5. ISO/IEC 27018 Controls: PII Protection in Cloud Services
6. Integrating Cloud Controls into ISMS, Risk Assessments and Policies
7. Supplier Management, Contracts and Cloud Service Agreements
8. Implementation Strategies, Monitoring, Incident Response and Audit Readiness

LIST OF REFERENCE BOOK(S):

- ISO/IEC 27017: Code of Practice for Cloud Security
- ISO/IEC 27018: Protection of PII in Public Cloud
- ISO/IEC 27001 and ISO/IEC 27002
- Cloud security & privacy regulatory guidelines

LIST OF TEACHING AID(S):

- LCD projector
- Computer
- Whiteboard with accessories
- Flip chart with accessories
- Cloud security and PII control templates

METHODOLOGY(S):

- Lecture
- Group discussions
- Case studies
- Cloud implementation workshops
- Scenario-based activities

TRAINING SCHEDULE

Day 1

Time	Activity / Topic
8:30 am – 9:00 am	Registration and Introduction
9:00 am – 10:15 am	Topic 1: Introduction to ISO/IEC 27017 & ISO/IEC 27018
10:15 am – 10:30 am	Morning Tea Break
10:30 am – 12:30 pm	Topic 2: Cloud Computing Concepts & Shared Responsibility
12:30 pm – 1:30 pm	Lunch Break
1:30 pm – 3:30 pm	Topic 3: Cloud Security & Privacy Risk Identification
3:30 pm – 3:45 pm	Afternoon Tea Break
3:45 pm – 5:00 pm	Topic 4: ISO/IEC 27017 Cloud Security Controls

TRAINING SCHEDULE

Day 2

Time	Activity / Topic
8:30 am – 9:00 am	Recap of Day 1
9:00 am – 10:15 am	Topic 5: ISO/IEC 27018 PII Protection Controls
10:15 am – 10:30 am	Morning Tea Break
10:30 am – 12:30 pm	Topic 6: Integrating Cloud Controls into ISMS & Risk Assessment
12:30 pm – 1:30 pm	Lunch Break
1:30 pm – 3:30 pm	Topic 7: Supplier Management, Contracts & Cloud Agreements
3:30 pm – 3:45 pm	Afternoon Tea Break
3:45 pm – 5:00 pm	Topic 8: Implementation Strategy, Monitoring & Audit Readiness