



ISO/IEC 27017 AND ISO/IEC 27018 INTERNAL AUDITING 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 Internal Auditing Training

Course Validity: 2 Days

Validity: Not Applicable

HRD Corp Scheme: Claimable

INTRODUCTION

This training provides participants with the knowledge, skills and structured approach needed to conduct effective internal audits of ISO/IEC 27017 cloud security controls and ISO/IEC 27018 PII protection controls within an organisation's Information Security Management System (ISMS). The program explains how ISO 19011 auditing principles apply specifically to cloud environments and privacy-related processing scenarios, guiding participants on how to evaluate cloud-specific risks, verify security and privacy controls, assess cloud service provider responsibilities and identify compliance gaps. Through realistic cloud audit simulations, interviews, documentation reviews and hands-on exercises, participants will develop the competence to plan, conduct, report and follow up internal audits that strengthen cloud governance, improve PII protection and support readiness for certification audits.

OBJECTIVE(S):

- Understand internal auditing principles for cloud security and cloud privacy.
- Apply ISO 19011 auditing guidelines to cloud environments.
- Interpret ISO/IEC 27017 and ISO/IEC 27018 requirements as audit criteria.
- Develop audit plans, scopes and checklists focused on cloud controls.
- Conduct internal audits of cloud security, PII protection and CSP/customer roles.
- Identify nonconformities and evaluate root causes.
- Prepare effective audit reports and verify corrective actions.
- Strengthen readiness for certification, surveillance and regulatory audits.

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TARGET GROUP(S):

- Internal auditors
- Information Security Officers and cybersecurity personnel
- Cloud engineers and system administrators
- Risk management and compliance teams
- Privacy, legal and data protection teams
- ISO/IEC 27001 and cloud compliance implementation teams

ENTRY REQUIREMENT(S):

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

TOPIC(S):

1. Overview of ISO/IEC 27017 and ISO/IEC 27018 and Cloud Audit Principles
2. ISO 19011 Auditing Guidelines and Auditor Competence
3. Audit Interpretation of Cloud Security Controls (ISO/IEC 27017)
4. Audit Interpretation of PII Protection Controls (ISO/IEC 27018)
5. Cloud Audit Planning, Scope, Criteria and Documentation
6. Conducting Cloud Internal Audits for Evidence, Interviews and Technical Testing
7. Reporting Cloud-Related Nonconformities and Root Cause Analysis
8. Audit Follow-Up, Verification, Regulatory Alignment and Continual Improvement

LIST OF REFERENCE BOOK(S):

- ISO/IEC 27017: Code of Practice for Cloud Security
- ISO/IEC 27018: PII Protection in Public Cloud
- ISO/IEC 27001 and ISO/IEC 27002
- ISO 19011: Auditing Management Systems

LIST OF TEACHING AID(S):

- LCD projector
- Computer
- Whiteboard with accessories
- Flip chart with accessories
- Cloud audit checklists and evidence templates

METHODOLOGY(S):

- Lecture
- Group discussions
- Case studies
- Cloud audit simulations
- Practical exercises

TRAINING SCHEDULE

Day 1

Time	Activity / Topic
8:30 am – 9:00 am	Registration and Introduction
9:00 am – 10:15 am	Topic 1: Overview of ISO/IEC 27017 and ISO/IEC 27018 and Cloud Audit Principles
10:15 am – 10:30 am	Morning Tea Break
10:30 am – 12:30 pm	Topic 2: ISO 19011 Auditing Guidelines and Auditor Competence
12:30 pm – 1:30 pm	Lunch Break
1:30 pm – 3:30 pm	Topic 3: Audit Interpretation of Cloud Security Controls (27017)
3:30 pm – 3:45 pm	Afternoon Tea Break
3:45 pm – 5:00 pm	Topic 4: Audit Interpretation of PII Protection Controls (27018)

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: Cloud Audit Planning, Scope, Criteria and Documentation
10:15 am – 10:30 am	Morning Tea Break
10:30 am – 12:30 pm	Topic 6: Conducting Cloud Internal Audits for Evidence, Interviews and Testing
12:30 pm – 1:30 pm	Lunch Break
1:30 pm – 3:30 pm	Topic 7: Reporting Cloud Nonconformities and Root Cause Analysis
3:30 pm – 3:45 pm	Afternoon Tea Break
3:45 pm – 5:00 pm	Topic 8: Audit Follow-Up, Corrective Actions and Continual Improvement