

Course code: T1001

Information and Data Security overview

Data security is the process of protecting digital information from unauthorized access, theft, corruption, or disclosure. It involves safeguarding data throughout its life cycle, from hardware and software to storage devices and user devices. Data security also includes access and administrative controls, as well as organizational policies and procedures. This course helps aspiring participants to understand how improvement helps to continual improve organisational management system using its best practice. Participants learn the details of each clauses of the standard requirement to be able to apply within their organization.

OBJECTIVE

- To describe the overview of data security approach.
- To explain data security implementation for organization management system.
- To explain method to prepare data security for compliance to business's requirement.
- To build awareness and encourage continual improvement within organization.

CONTENT

• Session 1: Introduction

Describe foundations of data security and introduce practice of protecting digital information from unauthorized access, corruption or theft throughout its entire lifecycle.

• Session 2: Terms and Definitions

Describe relevant terms and definitions that normally use in data security in related fields.

• Session 3: Fundamentals of data security

Provide the fundamentals of data security, such as compliance with regulations, data sensitivity, and the consequences of data breachess.

Describe framework to create and implement security policies, including access matrix models, role-based access control, and forensic policies .

• Session 4: Role and responsibility to data security

This session provides a comprehensive overview of how to incorporate the data security. Explain how to implement issues and improve their performance

• Session 5: Conclusion

Conclude essential topics.

Exercise workshop will also be delivered in each key sessions

PREREQUISITES

Basic knowledge in computer/IT will be more useful. Experience in any industry will be more benefit.



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