



Information Security Management System Best Practices

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GOVT. OF INDIA

Information Security Management System Best Practices

Course Description :

ISMS (Information Security Management System) is the management framework to protect Confidentiality, Integrity and availability of Information assets . The main objective is that the data are protected , accurate and available conveniently to the authorized persons. ISMS is a systematic approach to manage the information security issues of an organization through Policies, Procedure and Technologies. British Standard ISO 27001 is recognized as best management standard in this area. The implementation of controls of ISO27001 through the respective best practices (as in ISO 17799) is known to provide a comfortable level of assurance in the field of information security. This course will provide the participants with a deep insight of this Standard and relevant Best Practices. At the end of the two days of the course, the participants shall start looking at information security issues from the management perspective than purely from the technological angle.

Delegates will learn about :

- ~ Information Security Management System
- ~ Purpose of an Information security management standard
- ~ Security Standards: ISO 27001 and ISO 17799
- ~ ISO27001 Security Controls and Best practices
- ~ Information Security Risk Assessment & Management

Who should attend :

- ~ Senior Managers
- ~ IT Managers
- ~ System Managers
- ~ Information Security Manager
- ~ Information Security Auditors
- ~ Persons involved in introducing ISMS

Prerequisites :

Knowledge on any management system like QMS or EMS

Course Content :

Module 1: Overview of Information Security Management

- ~ What is information security?
- ~ What is information security management systems (ISMS)?
- ~ How ISMS can be established in an organization?
- ~ Benefits of ISMS.

Module 2: Standards and best practices for Information Security Management.

- ~ ISMS Standards . ISO 27001 / ISO 17799.
- ~ Information Security Management Best Practices.
- ~ Information Security Domains
- ~ Information Security Objectives
- ~ Information Security Controls

Module 3 : Information Security Risk Assessment & Management

- ~ What is Security risk and how to assess it?
- ~ Components of risk and their interrelationship
- ~ Valuation of asset (business impact), threats & vulnerabilities.
- ~ Risk Assessment methods
- ~ How to Manage Risks.
- ~ Case Study.

Course Duration :

3 days

Follow up Courses:

- ~ Certified Information Security Professional
- ~ Certified Internal Information Security Auditor
- ~ Network Security Assessment

Course Fees: Please contact concerned Co-ordinator for further details.