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*Information technology - Security techniques -
Information security risk management*

Developed by



Where IT all begins



INCITS/ISO/IEC 27005:2011[2012]

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Contents

Page

Foreword	v
Introduction.....	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Structure of this International Standard	5
5 Background.....	6
6 Overview of the information security risk management process	7
7 Context establishment	10
7.1 General considerations.....	10
7.2 Basic Criteria	10
7.2.1 Risk management approach	10
7.2.2 Risk evaluation criteria	10
7.2.3 Impact criteria	11
7.2.4 Risk acceptance criteria	11
7.3 Scope and boundaries	12
7.4 Organization for information security risk management	12
8 Information security risk assessment.....	13
8.1 General description of information security risk assessment	13
8.2 Risk identification.....	13
8.2.1 Introduction to risk identification	13
8.2.2 Identification of assets.....	14
8.2.3 Identification of threats.....	14
8.2.4 Identification of existing controls.....	15
8.2.5 Identification of vulnerabilities	15
8.2.6 Identification of consequences.....	16
8.3 Risk analysis.....	17
8.3.1 Risk analysis methodologies	17
8.3.2 Assessment of consequences	18
8.3.3 Assessment of incident likelihood	18
8.3.4 Level of risk determination.....	19
8.4 Risk evaluation	19
9 Information security risk treatment	20
9.1 General description of risk treatment	20

This is a preview of "INCITS/ISO/IEC 27005...". [Click here to purchase the full version from the ANSI store.](#)

9.2	Risk modification	22
9.3	Risk retention	23
9.4	Risk avoidance.....	23
9.5	Risk sharing	23
10	Information security risk acceptance	24
11	Information security risk communication and consultation	24
12	Information security risk monitoring and review	25
12.1	Monitoring and review of risk factors.....	25
12.2	Risk management monitoring, review and improvement.....	26
Annex A (informative) Defining the scope and boundaries of the information security risk management process.....		28
A.1	Study of the organization.....	28
A.2	List of the constraints affecting the organization	29
A.3	List of the legislative and regulatory references applicable to the organization.....	31
A.4	List of the constraints affecting the scope	31
Annex B (informative) Identification and valuation of assets and impact assessment.....		33
B.1	Examples of asset identification	33
B.1.1	The identification of primary assets	33
B.1.2	List and description of supporting assets	34
B.2	Asset valuation	38
B.3	Impact assessment.....	41
Annex C (informative) Examples of typical threats		42
Annex D (informative) Vulnerabilities and methods for vulnerability assessment		45
D.1	Examples of vulnerabilities	45
D.2	Methods for assessment of technical vulnerabilities	48
Annex E (informative) Information security risk assessment approaches		50
E.1	High-level information security risk assessment.....	50
E.2	Detailed information security risk assessment.....	51
E.2.1	Example 1 Matrix with predefined values	52
E.2.2	Example 2 Ranking of Threats by Measures of Risk	54
E.2.3	Example 3 Assessing a value for the likelihood and the possible consequences of risks.....	54
Annex F (informative) Constraints for risk modification.....		56
Annex G (informative) Differences in definitions between ISO/IEC 27005:2008 and ISO/IEC 27005:2011		58
Bibliography		68

This is a preview of "INCITS/ISO/IEC 27005...". [Click here to purchase the full version from the ANSI store.](#)

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

ISO/IEC 27005 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 27, *IT Security techniques*.

This second edition cancels and replaces the first edition (ISO/IEC 27005:2008) which has been technically revised.

Introduction

This International Standard provides guidelines for information security risk management in an organization, supporting in particular the requirements of an information security management (ISMS) according to ISO/IEC 27001. However, this International Standard does not provide any specific method for information security risk management. It is up to the organization to define their approach to risk management, depending for example on the scope of the ISMS, context of risk management, or industry sector. A number of existing methodologies can be used under the framework described in this International Standard to implement the requirements of an ISMS.

This International Standard is relevant to managers and staff concerned with information security risk management within an organization and, where appropriate, external parties supporting such activities.