

ISO/IEC 27021:2017-10 (E)

Information technology - Security techniques - Competence requirements for information security management systems professionals

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Concept and structure	1
4.1	General	1
4.2	Concept of ISMS competence	2
4.3	Structure of ISMS competence	2
4.4	Demonstration of competence	3
4.5	Structure of this document	3
5	Business management competence for ISMS Professionals	3
5.1	General	3
5.2	Competence: Leadership	3
5.3	Competence: Communication	4
5.4	Competence: Business Strategy and ISMS	4
5.5	Competence: Organization design, culture, behaviour and stakeholder management	5
5.6	Competence: Process design and organizational change management	5
5.7	Competence: Human Resource, team and individual management	6
5.8	Competence: Risk management	6
5.9	Competence: Resource management	7
5.10	Competence: Information systems architecture	7
5.11	Competence: Project and portfolio management	8
5.12	Competence: Supplier management	8
5.13	Competence: Problem management	8
6	Information security competence for ISMS professionals	9
6.1	ISMS Competence: Information Security	9
6.1.1	General	9
6.1.2	Competence: Information security governance	9
6.1.3	Competence: Context of the organization	9
6.2	ISMS Competence: Information Security Planning	10
6.2.1	General	10
6.2.2	Competence: Scope of ISMS	10
6.2.3	Competence: Information security risk assessment and treatment	11
6.3	ISMS Competence: Information Security Operation	11
6.3.1	General	11
6.3.2	Competence: Information security operations	12
6.4	ISMS Competence: Information Security Support	12
6.4.1	General	12
6.4.2	Competence: Information security awareness, education and training	13
6.4.3	Competence: Documentation	13
6.5	ISMS Competence: Information Security Performance evaluation	13
6.5.1	General	13
6.5.2	Competence: ISMS monitoring, measurement, analysis and evaluation	14

6.5.3	Competence: ISMS auditing	14
6.5.4	Competence: Management review	15
6.6	ISMS Competence: Information Security Improvement	15
6.6.1	General	15
6.6.2	Competence: Continual improvement	15
6.6.3	Competence: Technological trends and developments	16
Annex A (informative) Including knowledge for ISMS professionals as part of a body of knowledge		17
Bibliography		21