

Information Security Foundation (based on ISO/IEC 27002) Courseware

Colofon

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The Certificate EXIN Information Security Foundation based on ISO/IEC 27002 is part of the qualification program Information Security. The module is followed up by the Certificates EXIN Information Security Management Advanced based on

ISO/IEC 27002 and EXIN Information Security Management Expert based on ISO/IEC 27002.

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Contents	Agenda			
Day 1		Day 2		
09.00 - 9.30	Introduction	09:00 - 09:20	Wrap up from day 1	
09.30 - 10.15	Module 1: About Exin	09:20 - 10:05	Module 6: Legislation	
10.15 - 12.00	Module 2: Information and security	10:05 - 10:20	Break	
12.00 - 12.30	Lunch	10.20 - 12.20	Module 7: Exam training	
13.30 - 13.15	Module 3: Threats and risks	12.20 - 13:00	Lunch	
13.15 - 14.45	Module 4: Approach and organization	13:00 - 14:30	Self study	
14.45 - 17.00	Module 5: Measures	14:30 - 14:50	Break	
		14:50 - 15:00	Module 8: Exam overview	
		15:00 - 16:00	Doing the actual exam	
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	Litaini require	ements	
	Evon modification	M-1-1-1-0/	
1 Information and security	Exam specification	weight %	10
1 mormation and security	1.1 The concept of information	2.5	10
	1.2 Value of information	2.5	
	1.3 Reliability aspects	5	
2 Threats and risks			30
	2.1 Threats and risks	15	
	2.2 Relationships between threats, risks and the reliability of information	15	
3 Approach and organization			10
	3.1 Security policy and security organization	2.5	
	3.2 Components	2.5	
	3.3 Incident management	5	
4 Measures			40
	4.1 Importance of measures	10	
	4.2 Physical security measures	10	
	4.3 Technical measures	10	
	4.4 Organizational measures	10	
5 Legislation and regulation			10
	5.1 Legislation and regulations	10	
7.1.1400	7 1 1400	Total 100	



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 4.3 Technical measures (10%) The candidate has knowledge of both the set-up and execution of technical security measures. The candidate is able to: 4.3 Construction 4.3 Describe the risks involved with insufficient technical security measures. 4.3 Construction 4.3 A tame the three steps for online backing (FQ, wave site, payment); 4.3 Exercise the measures for malicious software; 4.3 Exercise the measures (10%) The candidate has knowledge of both the set-up and execution of organizational measures (10%) The candidate has knowledge of both the set-up and execution of organizational security measures. The candidate has knowledge of both the set-up and execution of organizational security measures. 4.4 Diversible the measures and risk involved with insufficient organizational security measures. 4.4 Diversible the organizational security measures; 4.3 Exercise the dangers and risks involved with insufficient organizational security measures. 4.4 Diversible access security measures; 4.3 Exercise the dangers and risks involved with insufficient organizational security measures; 4.3 Exercise the dangers and risks involved with insufficient organizational security measures; 4.3 Exercise the dangers of organizational activity and authorization; 4.4 Exercise the principies of access management; 4.4 Exercise the managers of and count organization and authorization; 4.4 Exercise the managers of and count organization and authorization; 4.4 Exercise the managers of and count organization and authorization; 4.4 Exercise the managers; 4.4 Diversible the importance of an organization and authorization; 4.4 Exercise the managers; 4.4 Diversible the importance of an organization and authorization; 4.5 Describe the managers; 4.6 Exercise the managers; 4.7 Make deart the importance of an englation and regulati	ISFS exam specifica	ations
 1.4 Indicate possible measures that may be taken to fulfill the requirements of legislation and regulations. 	 1.3 Technical measures (10%) The candidate has knowledge of both the set-up and e security measures. The candidate is able 50: 4.1 Describe the risks involved with insufficient technic measures; 4.3 Describe the risks involved with insufficient technic measures; 4.3 Name various types of malicious offware; 4.3 Corganizational measures (10%) The candidate has knowledge of both the set-up and e organizational security measures. The candidate is able to: 4.4.1 Give examples of organizational security measures 4.5 Describe the describe the measures that can be used against 4.6 Describe the measures (10%) The candidate in able was of passwords; 4.7 Make clear the importance of conducting exercis 5. Legislation and regulations (10%) 6.1 Legislation and regulations related to informatio 6.1.1 Exploar base to: 6.1.2 Give examples of regulations related to informatio 6.1.3 Give examples of regulations related to informatio 6.1.3 Give examples of regulations related to informatio 6.1.4 Give examples of regulations related to informatio 6.1.5 Give examples of regulations related to informatio 6.1.5 Give examples of regulation related to informatio 6.1.4 Give examples of regulations related to informatio 6.1.4 Give examples of regulation related to informatio 6.1.3 Give examples of regulation related to informatio 6.1.4 indicate possible measures that may be taken to or flegislation and regulations. 	execution of technical nical security gnature and certificate; ib site, payment); t malicious software. execution of res; ufficient organizational segregation of duties ion and authorization; rell set-up Business res. of legislation and wrant for the reliability on security; ion security; of uffil the requirements

Chapter 3	ISFS b	asic concepts	list
Access control Asset Audit Authentication Authentication Authenticity Authorization Availability Backup Biometrics Botnet Business Continuity Plan (BCP) Business Continuity Plan (BCP) Business Continuity Plan (BCP) Cartification (grading) Clear dex policy Code of practice for information security (ISO/IEC 27002:2013) Complance Complance Complance Complance Confidentiality legislation Confidentiality Controls Controls	Copyright legislation Correctness Cryptography Cyber crime Damage Data Detective Digital signature Direct damage Disaster Recovery Plan (DRP) Encryption Escalation o Florarchical escalation Hearking Hoax Identification Impact Incident cycle Indirect damage Information architecture Information angement Information angement Information meangement Information security review Information security review Information system Infrastructure Inforgerity	 ISO/IEC 27002:2013 Key Logical access management Managing business assets Maintenance door Malware Non-disclosure agreement Non-disclosure agreement Port-disclosure agreement Personal data protection legislation Personal data protection legislation Personal firewall Phishing Precision Preventive Priority Production factor Public Records legislation Quantitative risk analysis Quantitative risk analysis Redundancy Reliability of information Regressive Risk Risk analysis Risk assessment (Dependency & Vulnerability analysis) o Risk avoiding o Risk bearing 	Risk management o Risk neutral Risk strategy Robustness Robustness Rootkit Security in development Security event Security organization Security Organization Security Policy Security regulations for the governme Segregation of duties Social engineering Spam Spyware Stand-by arrangement Storage medium System acceptance testing Threat Timeliness Troja Uninterruptible Power Supply (UPS) Urgency Validation Verification Virtual Private Network (VPN) Virtual Vulnerability Vulnerability

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Contents	ISI	-S literature		
Exam literature K Hintzbergen, J., Hintzbergen, K., Smulders, A. and Baars, H. Foundations of Information Security – Based on ISO 27001 and ISO 27002 Van Haren Publishing, 3rd edition, 2015 ISBN 978 94 018 0012 9 eBook 978 94 018 0541 4 Overview of the literature				
	Exam specification	Literature		
-	1.1	Chapter 3		
	1.2	Chapter 3 and 4		
	1.3	Chapter 3 and 4		
	2.1	Chapter 3		
	2.2	Chapter 3 and 11		
	3.1	Chapter 3, 5 and 6		
	3.2	Chapter 6, 7, 8 and 13		
	3.3	Chapter 3, 15 and 16		
	4.1	Chapter 3, 8 and 16		
	4.2	Chapter 3 and 11		
	4.3	Chapter 6, 10, 11 and 12		
	4.4	Chapter 3, 6, 9, 17 and 18		
	5.1	Chapter 18		
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