



CERTIFIED PROTECTION



INFORMATION
SECURITY

INFORMATION SECURITY: PUTTING ISO/IEC 27002 INTO PRACTICE

Information Security is the protection of information from a wide range of threats.

This strongly supports the continuity of the business, minimizes business risk and maximizes the return on investments and business opportunities. Information security is gaining importance within IT. Globalization of the economy is leading to an ever-increasing amount of data, exchange of information between organizations, their employees, customers and suppliers, exchange of information between 'things' and an explosion in the use of networked devices. The international Code of Practice for Information Security ISO/IEC 27002 is a widely respected and referenced part of the ISO/IEC 27000 series and provides a basis for a strong information security program covering physical, technical and organizational elements.

In a world where information is available everywhere, the risks from loss of information, theft and manipulation are great. But the measures to promote information security get in people's way in doing their jobs. "Why do I have to use a password to be able to print? Why do I have to lock my computer when I leave my workplace?" By increasing awareness of the risks, the sense of responsibility also grows.

EXIN'S INFORMATION SECURITY EXAM PROGRAM

The EXIN Information Security Management program includes certifications that are tailored not only to ICT professionals responsible for information management, but to everyone processing information. As an employer, making everyone in your business aware of the risks and of their own actions is a major step in protecting the organization. EXIN developed a complete program that starts with the basic understanding of the importance and the main characteristics of Information Security, going till the advanced and expert level, covering several roles and knowledge needs for employees and organizations.

Information Security benefits

- EXIN provides a complete certification program: Foundation, Advanced and Expert.
- Directly applicable on the job.
- Increases sense of responsibility of employees and management.
- Based on ISO/IEC 27000 standard set
- Compatible with IT Service Management programs, Cloud Computing, etc.

Benefits for companies

- Learn your employees how to deal with confidential information
- Implementation of total security policy, also focusing on people aside from tools and processes
- Work according to the ISO/IEC 27000 standard set
- Anticipate legislation and regulations

Benefits for individuals

- Meet the growing demand for skilled and certified security professionals
- Know how to deal with security trends in mobile, cloud computing, internet of things, etc.
- Learn essentials of Information Security
- Learn to use the ISO/IEC 27000 standard set
- Combine your skills of Cloud Computing with Information Security
- Give your skills in IT a broader base with information security knowledge.

EXIN INFORMATION SECURITY MODULES



INFORMATION SECURITY FOUNDATION
based on ISO/IEC 27002

In the module EXIN Information Security Foundation the basic concepts of information security and their relationships are tested. One of the objectives of this module is to raise the awareness that information is valuable and vulnerable, and to learn which measures are necessary to protect information.

e-Competence Level		1	2	3	4	5
C.2.	Change Support		■			
C.3.	Service Delivery			■		
D.9.	Personnel Development		■			
D.10.	Information and Knowledge Management			■		
E.3.	Risk Management		■			
E.8.	Information Security Management		■			



INFORMATION SECURITY MANAGEMENT ADVANCED
based on ISO/IEC 27002

The module Information Security Management Advanced tests organizational and managerial aspects of information security. Any type of manager, the line, project, process or service manager, should know what information and data they manage in the organization. They are responsible for the security of this information, particularly when this is customer owned information or information processed in outsourced services.

e-Competence Level		1	2	3	4	5
A.7.	Technology Trend Monitoring				■	
C.2.	Change Support		■			
C.3.	Service Delivery		■			
D.1.	Information Security Strategy Development				■	
D.9.	Personnel Development			■		
D.10.	Information and Knowledge Management			■		
E.3.	Risk Management			■		
E.4.	Relationship Management			■		
E.5.	Process Improvement			■		
E.8.	Information Security Management			■		
E.9.	IS Governance				■	



INFORMATION SECURITY MANAGEMENT EXPERT
based on ISO/IEC 27001

Information Security Management Expert certification tests specialized knowledge, understanding and skills in structuring, maintaining and optimizing the security of information within an organization. The Information Security Expert can provide the guidance for implementing an Information Security Management System, meeting the ISO/IEC 27001 requirements, in the organization.

e-Competence Level		1	2	3	4	5
A.7.	Technology Trend Monitoring				■	
C.2.	Change Support		■			
C.3.	Service Delivery		■			
D.1.	Information Security Strategy Development				■	
D.9.	Personnel Development			■		
D.10.	Information and Knowledge Management			■		
E.3.	Risk Management			■		
E.4.	Relationship Management			■		
E.5.	Process Improvement			■		
E.8.	Information Security Management				■	
E.9.	IS Governance				■	

■ competence is covered ■ partial coverage ■ superficial coverage

INFORMATION SECURITY PROGRAM LABEL



The program labels of the EXIN portfolio have been built up to help identify the logical next step in terms of additional training and competence development. Each color represents an ICT competence area, derived from the e-Competence Framework (e-CF®). The overall label color indicates the main competence area of the program and the colors in the pie chart indicate the relationships with other competence areas:

the Information Security competences are mainly covered in the area 'Manage'. Related programs cover competences in the areas 'Plan', 'Build', 'Run' and 'Enable'. Please visit the EXIN Information Security program page on exin.com to find out which certification programs are suggested for further development.

MANAGE

This area represents the daily business administration and improvement of all underlying operative ICT processes.

PLAN

This area represents the strategic preparatory activities such as conceiving and developing products, services and solutions.

BUILD

The Build area represents the development and implementation of products, services and solutions.

RUN

The Run phase represents the provision, support and maintenance of the products, services, and solutions delivered and deployed.

ENABLE

The strategic activities in this area represent supporting all underlying ICT processes.

ABOUT EXIN

Published and designed by EXIN. EXIN is the global independent certification institute for professionals in the ICT domain. With more than 30 years of experience in certifying the competences of over 2 million ICT professionals, EXIN is the leading and trusted authority in the ICT market. With over 1000 accredited partners EXIN facilitates exams and e-competence assessments in more than 165 countries and 20 languages. EXIN is co-initiator of the e-Competence Framework, which was set up to provide unambiguous ICT certification measurement principles within Europe and beyond.

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