COURSEWARE

Information Security Management Professional based on ISO/IEC 27001 Courseware – English

Courseware



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INFORMATION SECURITY MANAGEMENT PROFESSIONAL based on ISO/IEC 27001 Information Security Management Professional based on ISO/IEC 27001 Courseware – English

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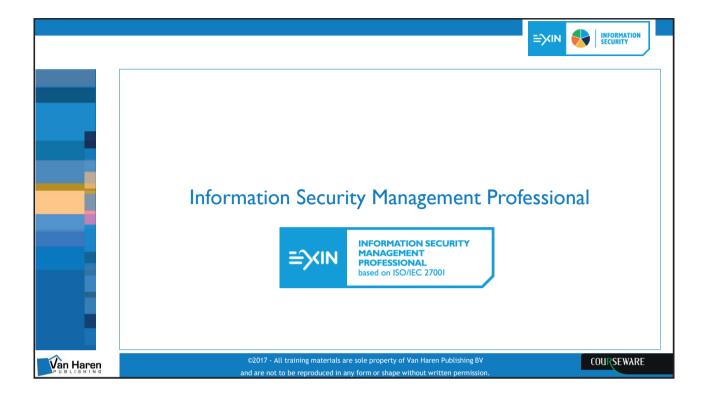
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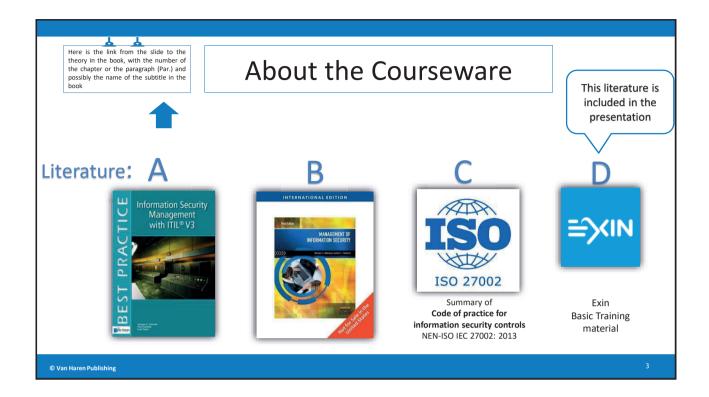
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The Certificate EXIN Information Security Management Professional based on ISO/IEC 27001 is part of the qualification program Information Security. The module is followed up by the Certificates EXIN Information Security Management Advanced based on ISO/IEC 27001 and EXIN Information Security Management Expert based on ISO/IEC 27001.

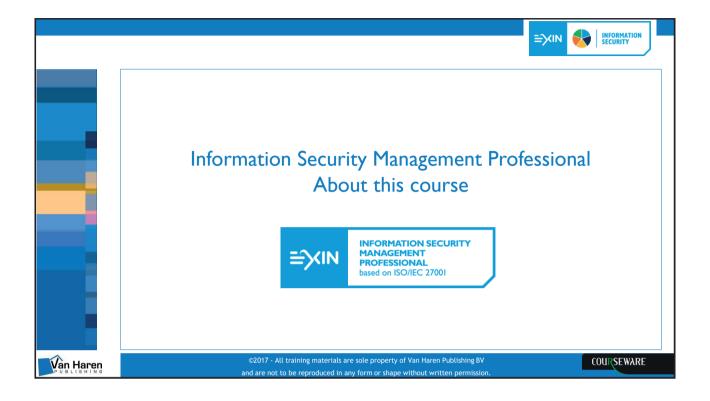
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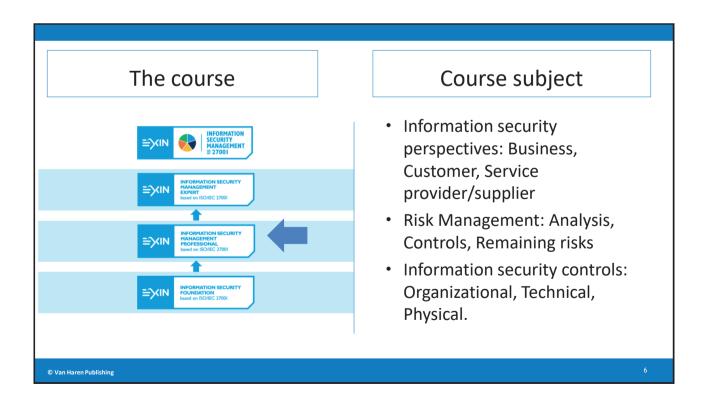




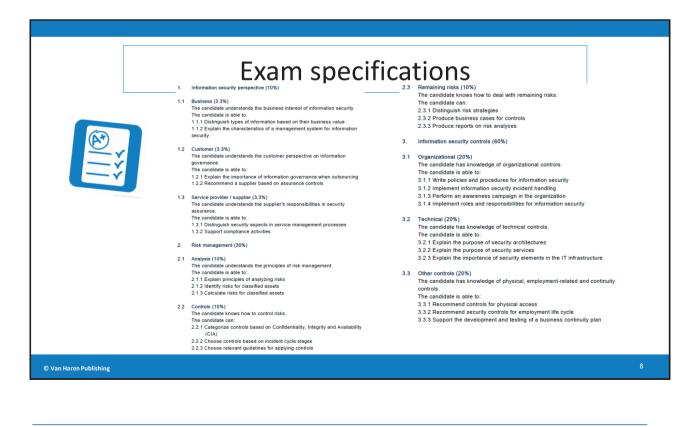


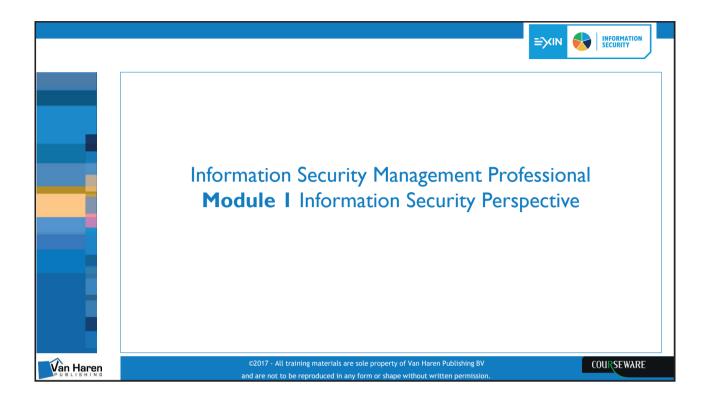
		Program		
Day 1	Day 2		Day 3	
9:00 – 9:30 Introduction	9:00 - 10:30	2.1 Risk Analysis	9:00 - 10:30	3.1 Organizational Controls
9:30 – 10:45 1.1 Business perspective	10:30 - 12:00	2.2 Security Controls	10:30 - 12:00	3.2 Technical Controls
10:45 – 12:00 1.2 Customer perspective	12:00 - 12:30	lunch	12:00 - 12:30	lunch
12:00 – 12:30 lunch	12:30 - 14:00	2.3 Remaining Risk	12:30 - 14:00	Technical Controls continue
12:30 – 15:00 Practical assignment 1	14:00 - 17:00	Practical assignment 2	14:00 - 16:00	3.3 Other Controls
15:00 – 17:00 1.3 Provider / supplier perspective				

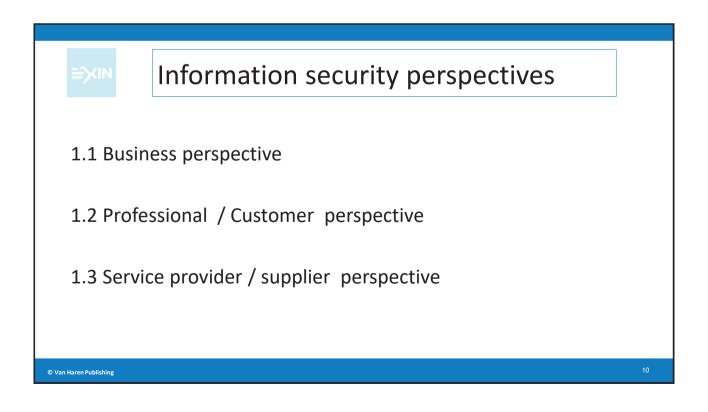




	Exam requirements	
Exam requiremen	-	Weight (%)
1 Information and	urity perspectives	
1 mormation sec	1.1 The candidate understands the	
	business interest of information security.	
	business interest of morniation security.	3,3
	1.2 The candidate understands the customer perspective on information	
	governance.	3,3
	1.3 The candidate understands the	
	supplier's responsibilities in security assurance.	
		3,3
2 Risk Manageme	un#	
2 KISK Wallagelle	2.1 The candidate understands the	
	principles of risk management.	10
	2.2 The candidate knows how to	10
	control risks.	10
	2.3 The candidate knows how to deal	10
	with remaining risks.	10
	with remaining risks.	10
3 Information sec	urity controls	
	3.1 The candidate has knowledge of organizational controls.	
		20
	3.2 The candidate has knowledge of	
	technical controls.	20
	3.3 The candidate has knowledge of physical, employment-related and	
	continuity controls.	
		20
Total		100

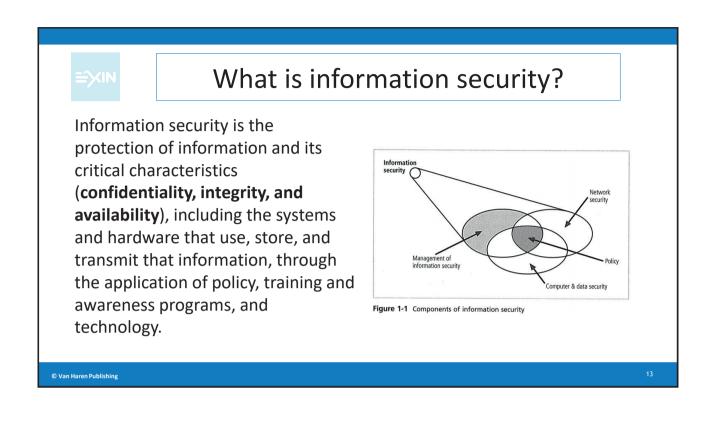


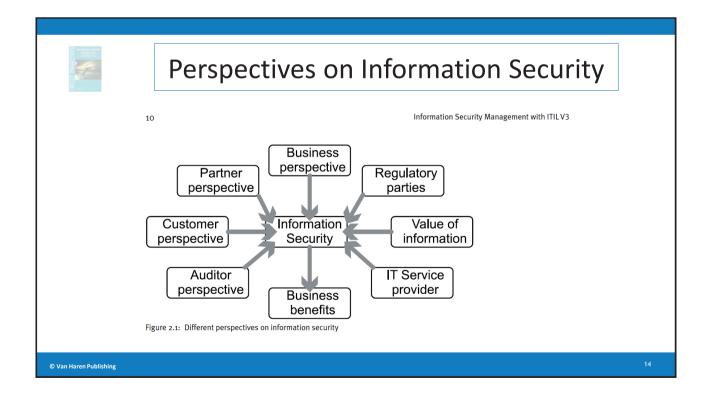


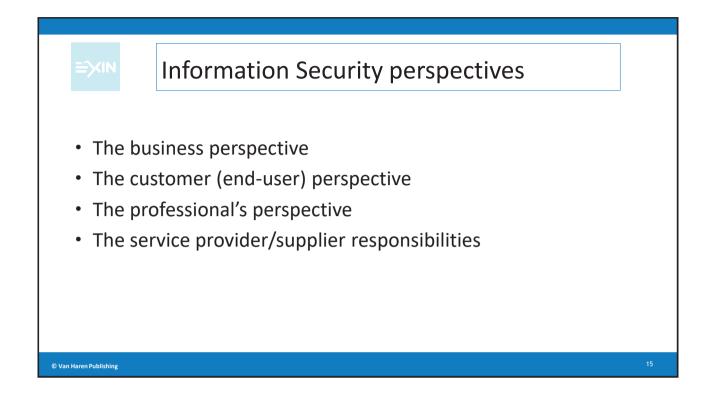


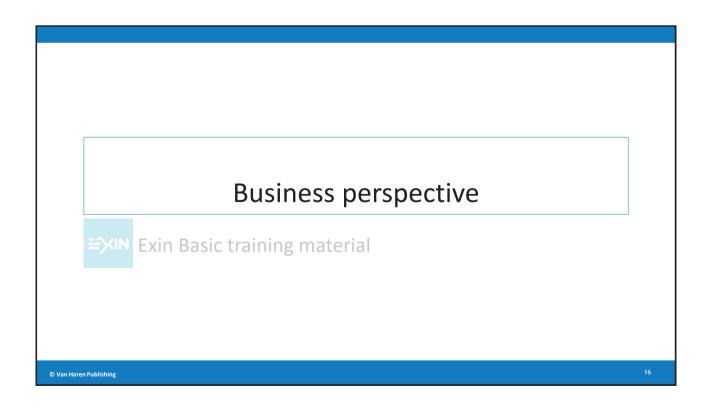
A: § 2.1; Chapter 3; §5.6 B: Chapter 4; Chapter 9		
Module 1.1		
BUSINESS PI	ERSPECTIVE	
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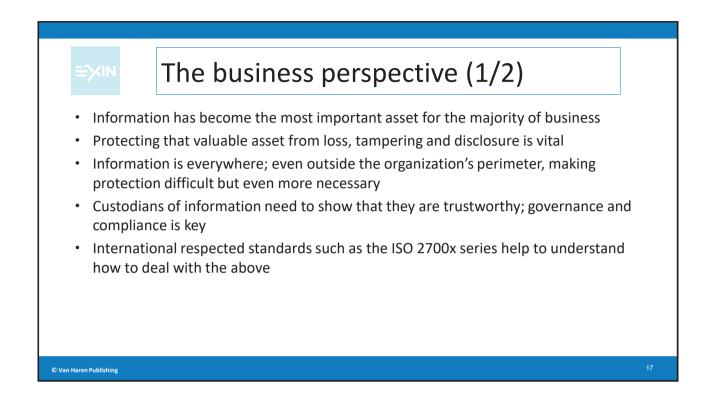


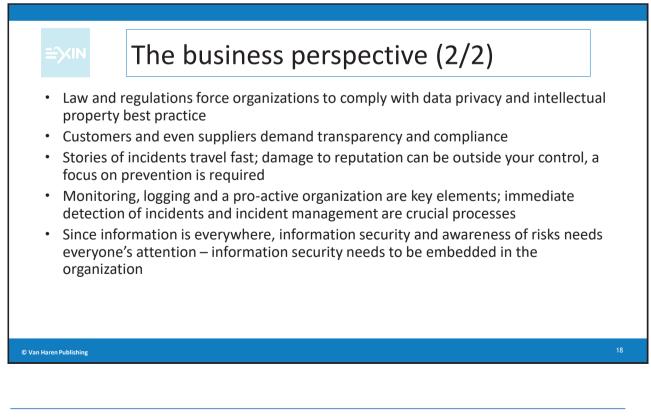


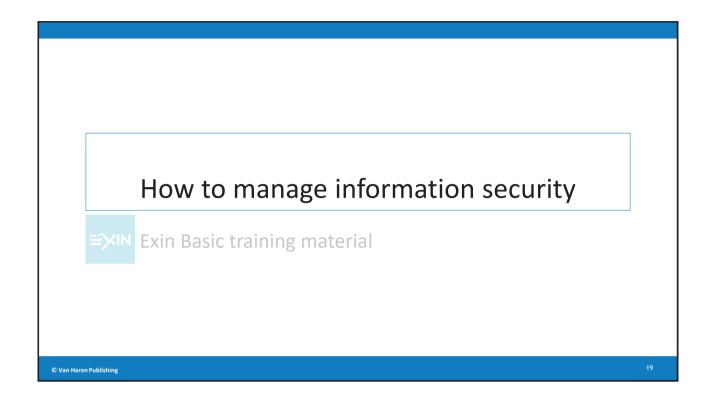


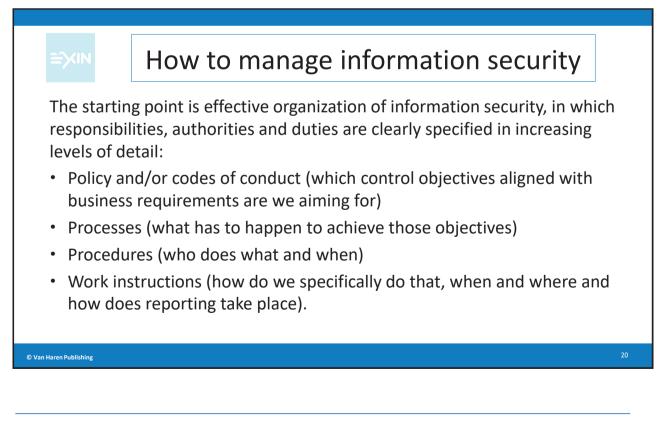












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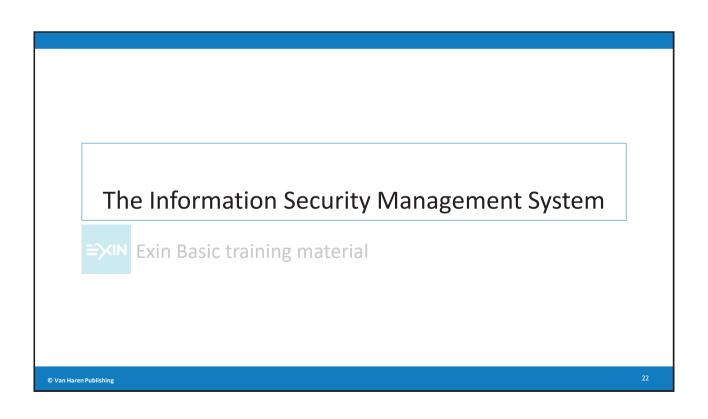
How to manage information security

Examples of changes in input which require adaptation of the process are:

- changes in business demands
- organizational changes, mergers, acquisitions
- changes in tasks or the importance of tasks
- physical alterations, e.g. after relocating business premises

- environmental alterations
- changes in assessment of the IT used
- changes in legislation
- changes in hardware and/or software
- changes in threats
- the introduction of new technology
- ageing or obsolete technology

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The Information Security Management System

Information Security Policy

Risk Analysis

Planning

Controls

Evaluation Audit

Risk Management

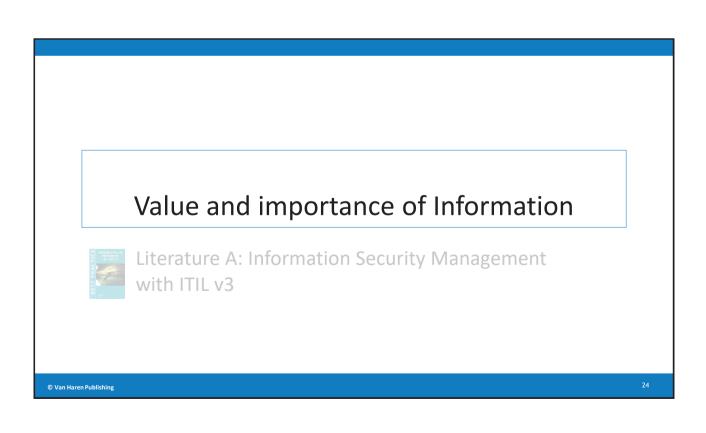
External influence:

The management system represents the complete information security process during all the phases of its cycle, from policy to maintenance.

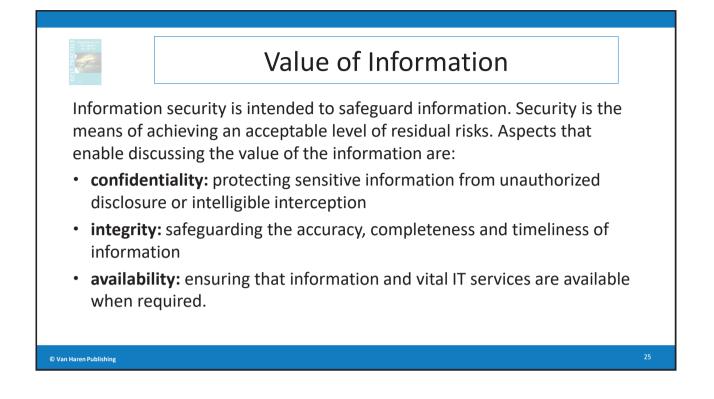
It is comparable to the management systems found in standards such as ISO 9000 and ISO/IEC 27001.

Plan-do- check-act (Deming circle)

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	Aspects derived from CIA	
• privacy: particular	the confidentiality and integrity of information traceable to a person	
• anonym	ity: the confidentiality of a user's identity	
	i city: the state in which there is no dispute about the identity o pants involved	f
line with t	lity: the possibility of verifying that information is being used in he security policy and the ability of demonstrating that the ontrols are working as intended.	l
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Importance of information

Internal importance

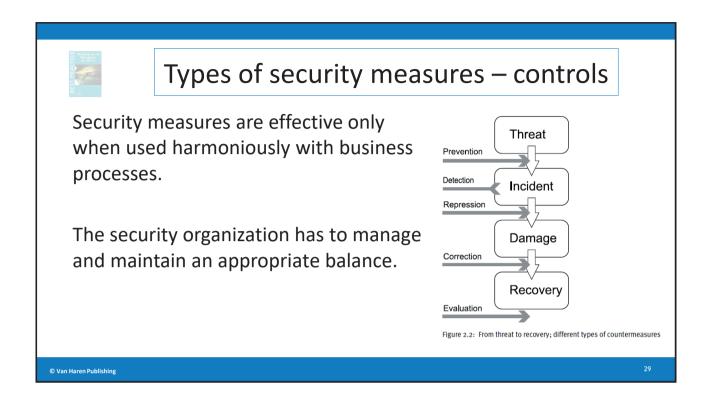
An organization can only operate effectively if it has timely access to confidential, accurate and complete information. Information security has to be in line with this, ensuring that confidentiality, integrity and availability of information and information services is maintained.

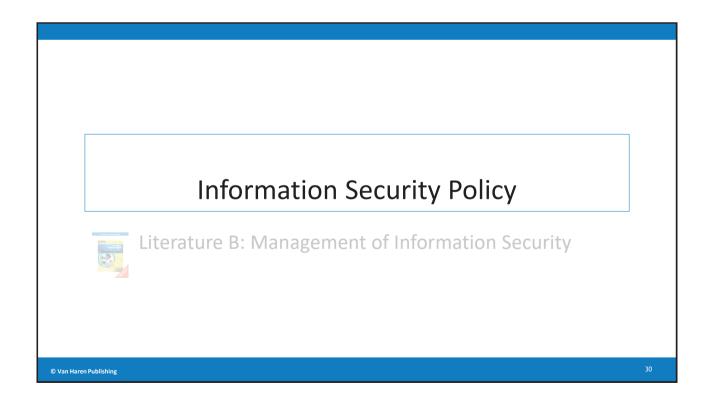
External importance

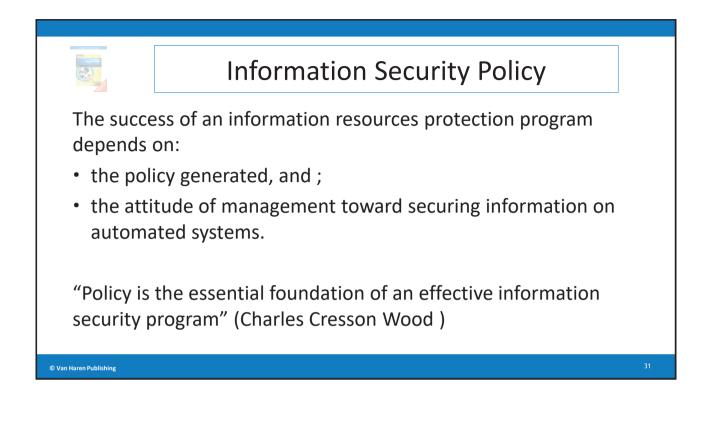
An organization's processes supply products and/or services, which are made available in the market or the community, in order to achieve set objectives.

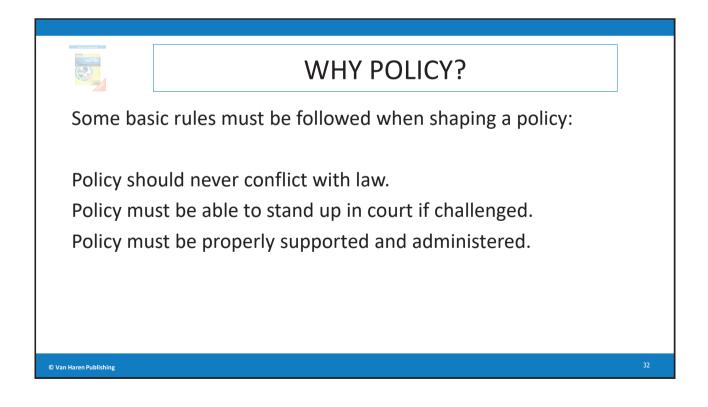


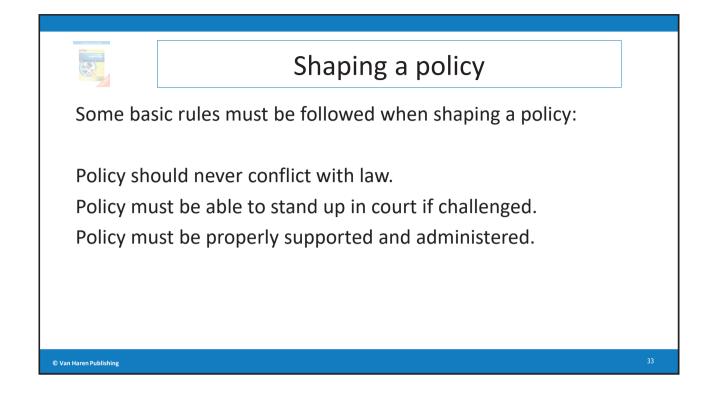
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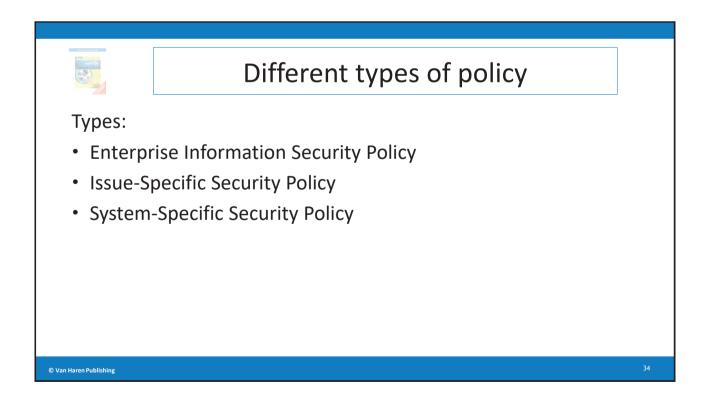


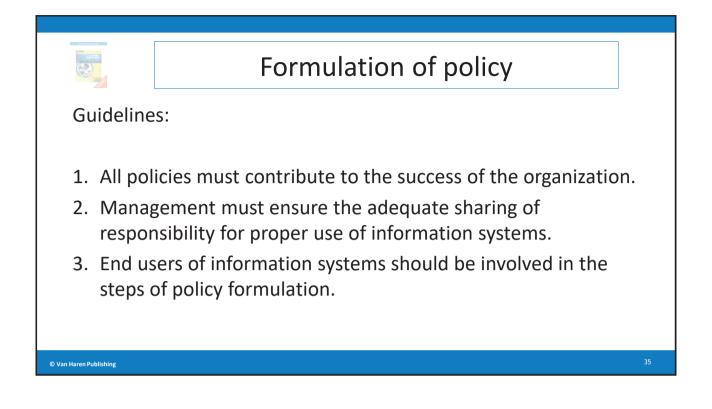


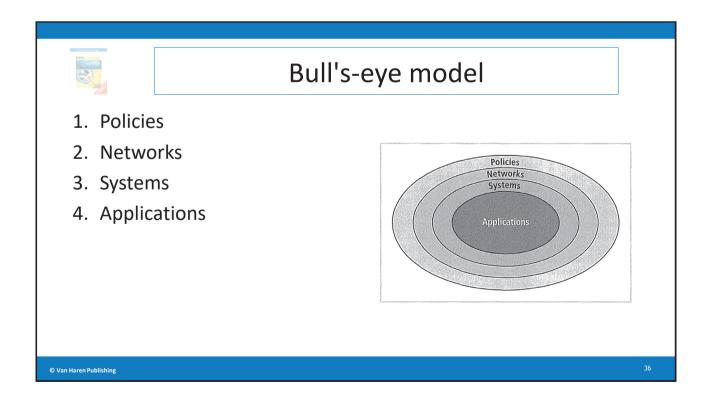


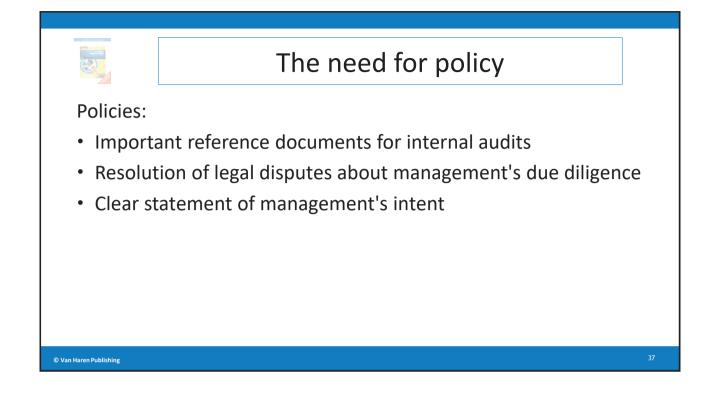


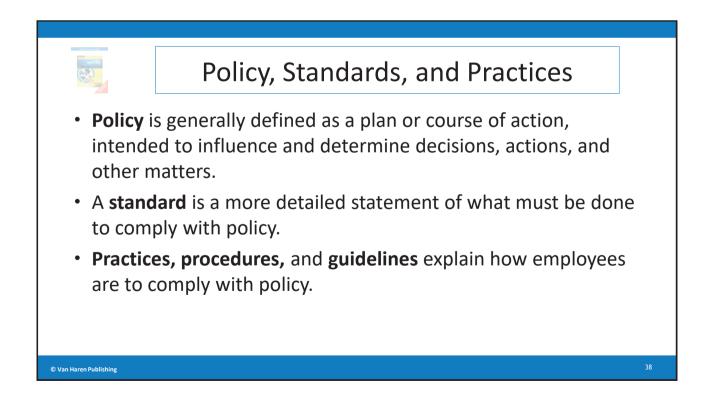


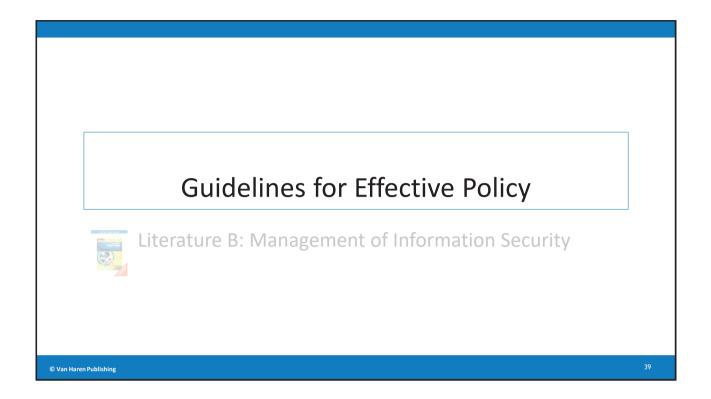


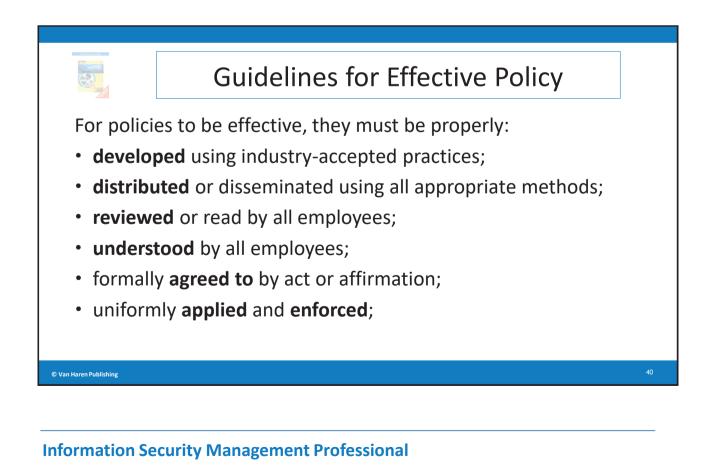


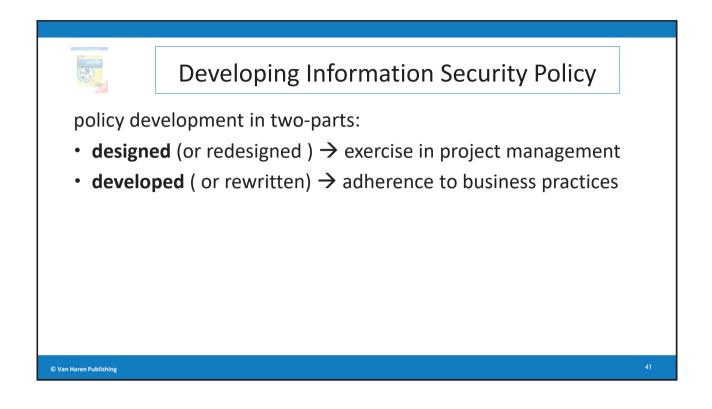


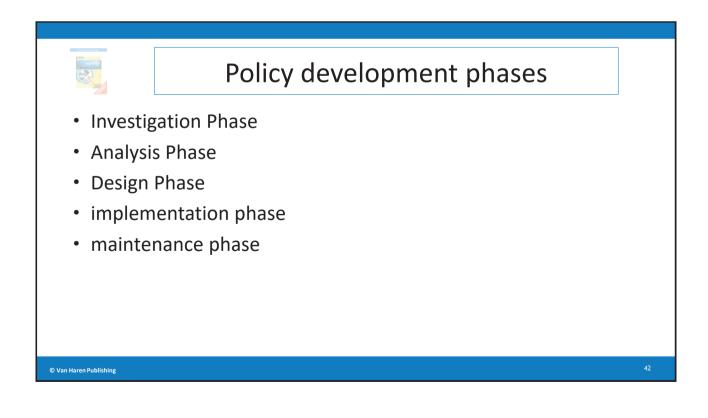


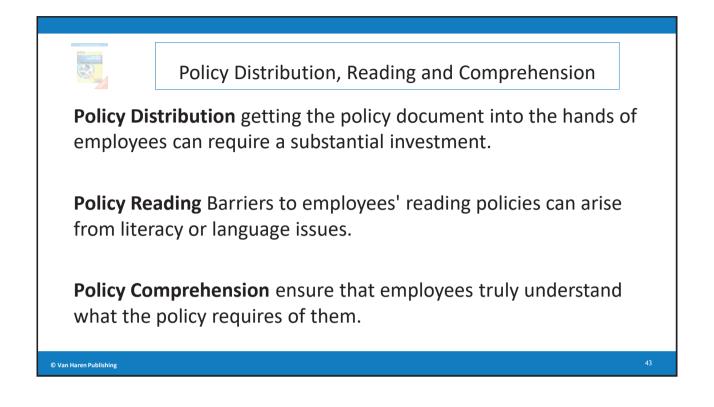












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What if an policy?	n employee refuses explicitly to agree to comply with
Avoid this statemen	dilemma by incorporating policy confirmation ts into:
 employ 	ment contracts,
 annual evaluations, or 	
 other d employ 	ocuments necessary for the individual's continued ment
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