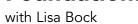
Foundations of IT Security: Core Concepts





Core Concepts

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ore Concepts		Understand security layers	Understand core security principles	Understand physical security	Understand Internet security	<i>></i>	Understand OS security		Understand permissions	Understand password policies	Understand audit policies	Understand encryption	Understand malware	Understand network security	Understand dedicated firewalls	Understand Network Access Protection	Understand network isolation	Understand protocol security	Understand security software	Understand client protection	Understand email protection	Understand server protection
	Core Security Principles																					
curit	Introducing the CIA Triad		x			П		П	П			П	\neg							П	П	
T Se	Evaluating risks, threats, and vunerabilities		X	Ì					İ													
	Adhering to the principle of least privilege		X																			
oundations	Recognizing social engineering		X																			
	Minimizing the attack surface		X																			
	2. Spyware, malware, worms, and viruses																					
<u>=</u>	Understanding buffer overflows												X									
Videos	Avoiding worms and viruses												X									
Vio	Understanding Trojans					_							X									
	Protecting your system from spyware												X									

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		Understand security layers	Understand core security principles	Understand physical security	Understand Internet security	Understand wireless security	Understand OS security		Understand permissions Understand password bolicies		Understand encryption	Understand malware	Understand network security	Understand dedicated firewalls	Understand Network Access Protection	Understand network isolation	protocol :	Understand security software	client	Understand email protection Understand server protection	
ts	3. Browser security																T				Ì
Concepts	Modifying browser settings				X]
	Navigating security zones		L		X																
Core	Recognizing secure websites				X												╝				
	4. Wireless security basics						_											_			
Security:	Securing Wireless Transmissions		L			X															
T Se	Understanding PSK Authentication					X															
of IT	Filtering SSIDs and MAC addresses					X															
dations	5. Encryption's role in security																				
ndat	Exploring encryption and cryptographic techniques		L					X			X					X	╝				
Foun	Differentiating between Public and Private key encryption										X										
Videos in F	Building a PKI/certificate services infrastructure										X										
	Encrypting files, folders, and drives										X										
	Securing email										X										
	Using virtual private networks										X										