Coverage of Each Volume in the 3rd Edition

Volumes: *Computer & Internet Security* (**C&I**), *Computer Security* (**C**), *Internet Security* (I)
Chapters in red means the chapter is new in the 3rd edition.

	Chapters	C&I	C	I	Note
Software Security (9)	Linux security basics	√	√		
	Set-UID programs	√	√		
	Environment variables & attacks	√	√		
	Buffer overflow	√	√		Sample
	Return-to-libc attack	√	√		
	Format string	√	√		
	Race condition	√	√		
	Dirty COW	√	√		
	Shellcode	√	√		
Network Security (13)	Network security basics	√		√	
	MAC layer and attacks			√	
	IP layer and attacks			√	
	Packet sniffing and spoofing			√	
	UDP and attacks			√	
	TCP and attacks	√		√	
	Firewall	√		√	
	VPN	√		√	
	Tunneling and firewall evasion			√	
	DNS and attacks	√		√	
	DNSSEC			√	
	BGP and attacks			√	Sample
	Heartbleed			√	
Web Security	Web security basics	√	√	√	
	Cross-Site Request Forgery	√	√	√	
	Cross-Site Scripting	√	√	√	
	SQL Injection	√	√	√	
	Clickjacking	√	√	√	
	Shellshock	√	√	√	
Cryptography	Secret key encryption	√	√	√	
	One-way hash function	√	√	√	
	Public key cryptography	√	√	√	
	Public key infrastructure	√	√	√	
	Transport layer security (TLS)			√	Sample
	Bitcoin and Blockchain			√	
misc.	Meltdown attack	√	√		
	Spectre attack	√	√		
	Reverse shell	√	√	√	
	Total # of pages:	**725**	**543**	**701**	