

CONTENTS AT A GLANCE

Introduction

xxvii

Part i	Network Security Fundamentals	1
Chapter 1	Why Secure Your Network?	3
Chapter 2	How Much Security Do You Need?	17
Chapter 3	Understanding How Network Systems Communicate	41
Chapter 4	Authentication and Encryption	109
Part ii	Computer Crime: Hacking, Cracking, Trojan Horses, Digital Piracy, and Things That Go Bump in the Night	139
Chapter 5	Hackers, Crackers, and Whackers	141
Chapter 6	Prevention, Detection, and Elimination	153
Chapter 7	Digital Piracy 101	165
Chapter 8	Crime and Punishment: Piracy and the Law	187
Chapter 9	The Pirate's Basic Tools	241
Part iii	Operating Systems and Servers: Windows 2000, Linux, and Netware	267
Chapter 10	Windows 2000 Security	269
Chapter 11	Securing Your NetWare 5.1 Network	337
Chapter 12	Linux System Installation and Setup	385
Chapter 13	Linux System Monitoring and Auditing	419
Chapter 14	Linux DNS Server Administration & Security	451
Chapter 15	Samba Security Considerations	497

Part iv	Firewalls	553
Chapter 16	Understanding Firewalls	555
Chapter 17	Packet Filtering	583
Chapter 18	Network Address Translation	597
Chapter 19	Windows NT/2000 Firewalls	613
Chapter 20	Unix Firewalls	647
Chapter 21	Linux Network-Layer Firewalls	673
Part v	Remote Access and Virtual Private Networks	707
Chapter 22	Virtual Private Networking with Linux	709
Chapter 23	Windows 2000 Remote Access	751
Chapter 24	Other Virtual Private Networking Options	793
Chapter 25	Setting Up Windows RAS Clients	827
Part vi	Security-Related MCSE Highlights	863
Chapter 26	Windows 2000 MCSE: the Impact of Security Design	865
Chapter 27	Windows 2000 MCSE: Security Baselines	905
Chapter 28	Windows 2000 MCSE: Designing the Security Solution	955
	<i>Index</i>	997