

1. Record Nr.	UNINA9910823517803321
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Titolo	CompTIA Network+ lab manual // Toby Skandier
Pubbl/distr/stampa	Indianapolis, Ind., : John Wiley & Sons, 2012
ISBN	1-118-23919-9 1-280-67326-5 9786613650191 1-118-22589-9
Edizione	[3rd ed.]
Descrizione fisica	1 online resource (483 p.)
Collana	Sybex serious skills
Disciplina	004.165 004.6
Soggetti	Computer technicians - Certification
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	CompTIA Discount Coupon; CompTIA Network+ Lab Manual; Introduction; What Is Network+ Certification?; Is This Book for You?; How This Book Is Organized; The Network+ Exam Objectives; Phase 1: Designing an Internetwork; Task 1.1: Drawing an Internetwork; Task 1.2: Identifying Network Components; Task 1.3: Differentiating Ethernet Devices; Task 1.4: Identifying Collision and Broadcast Domains; Task 1.5: Discovering and Filtering MAC Addresses; Task 1.6: Applying the OSI Model; Task 1.7: Developing an IP Addressing Scheme; Task 1.8: Designing a VLAN Scheme Task 1.9: Planning for Static and Dynamic Routing Phase 2: Implementing and Configuring the Design; Task 2.1: Assigning IP Addresses; Task 2.2: Naming Network Devices; Task 2.3: Implementing Static and Dynamic Routing; Task 2.4: Installing Wireless NICs; Task 2.5: Measuring Wireless Signal Strength; Task 2.6: Implementing Bluetooth; Task 2.7: Implementing Ad Hoc Wireless Networking; Task 2.8: Using an Analog Modem; Task 2.9: Using a DSL Modem; Task 2.10: Using a Router as a Frame Relay Switch; Task 2.11: Simulating T1 CSU/DSUs; Task 2.12: Installing a Virtual Machine Phase 3: Maintaining and Securing the Network Task 3.1: Creating Local User Accounts; Task 3.2: Creating Local User Groups; Task 3.3:

Managing Access to Resources; Task 3.4: Disabling Local User Accounts; Task 3.5: Setting Password Restrictions; Task 3.6: Mitigating the Ping of Death; Task 3.7: Securing Links Between Routers; Task 3.8: Guarding against SYN Flood Attacks; Task 3.9: Implementing File-Level Encryption; Task 3.10: Establishing Data Encryption between Routers; Task 3.11: Creating Data Backups; Task 3.12: Running an Antivirus Scan; Task 3.13: Running an Antispyware Scan
Task 3.14: Searching for Operating System Updates Phase 4: Troubleshooting the Network; Task 4.1: Using ARP Utilities; Task 4.2: Using the NETSTAT Utility; Task 4.3: Using the FTP Utility; Task 4.4: Using Ping Utilities; Task 4.5: Using the IPCONFIG Utility; Task 4.6: Using Traceroute Utilities; Task 4.7: Using Telnet; Task 4.8: Using the NSLOOKUP Utility; Task 4.9a: Using the Built-in Protocol Analyzer; Task 4.9b: Using a Third-Party Protocol Analyzer; Task 4.10: Displaying Computer Event Logs; Index

Sommario/riassunto

Gain street-smart skills in network administration Think of the most common and challenging tasks that network administrators face, then read this book and find out how to perform those tasks, step by step. CompTIA Network + Lab Manual provides an inside look into the field of network administration as though you were actually on the job. You'll find a variety of scenarios and potential roadblocks, as well as clearly mapped sections to help you prepare for the CompTIA Network+ Exam N10-005. Learn how to design, implement, configure, maintain, secure, and troubleshoot a network
