

1. Record Nr.	UNINA9910784531703321
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Titolo	TCP/IP clearly explained [[electronic resource] /] / Pete Loshin
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Morgan Kaufmann Publishers, c2003
ISBN	1-281-75497-8 9786611754976 0-08-051845-1
Edizione	[4th ed.]
Descrizione fisica	1 online resource (737 p.)
Collana	The Morgan Kaufmann Series in Networking
Disciplina	004.6/2 22 004.62
Soggetti	TCP/IP (Computer network protocol) Computer network protocols
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Front Cover; TCP/IP Clearly Explained; Copyright Page; Conents; Preface; Audience; Acknowledgments; Part I: Concepts and Fundamentals of Networking; Chapter 1. Introduction: What is This Book About?; 1.1 Graphical Conventions Used in this Book; 1.2 Notes on Style; 1.3 Overview; Chapter 2. A Language of Networking; 2.1 Network Terms; 2.2 Network Media and Interfaces; 2.3 Nodes and Hosts; 2.4 Clients and Servers; 2.5 LAN, MAN, WAN, SAN; 2.6 Network Systems; 2.7 Network Protocols; 2.8 Internetwork Terms; 2.9 Chapter Summary; Chapter 3. Network Addresses, Network Names 3.1 Scalability and Network Naming/Numbering3.2 Network Identification Terms, Defined; 3.3 Binary and Hexadecimal Numbering; 3.4 Network Addressing Spaces; 3.5 Network Names; 3.6 Chapter Summary; Chapter 4. Applying Networking Concepts; 4.1 Virtual Circuits; 4.2 Bandwidth and Throughput; 4.3 Latency; 4.4 Packet Switching and Routing; 4.5 Best Effort Delivery; 4.6 Unicast, Broadcast, Multicast, and Anycast; 4.7 Switching, Routing, and Bridging; 4.8 Edge, Non-Edge, and Backbone Devices; 4.9 Chapter Summary; Chapter 5. Network Models and Internetworking Concepts; 5.1 OSI vs IP 5.2 The OSI Reference Model5.3 The DoD (IP) Reference Model; 5.4 Encapsulation; 5.5 Internetwork Interface Devices; 5.6 Defining the

Internet; 5.7 Chapter Summary; Chapter 6. Internet Protocol Overview; 6.1 Network Interface Layer; 6.2 Internet Layer; 6.3 Transport Layer; 6.4 Application Layer; 6.5 Internet Security and IPsec; 6.6 Integrated Services, Differentiated Services; 6.7 Network Management; 6.8 Chapter Summary; Part II: Internet Applications; Chapter 7. Meet Joe's Packets; 7.1 Meet Joe; 7.2 The Application Layer: DNS and HTTP; 7.3 The Transport Layer; 7.4 Internet Layer 7.5 Network Link Layer 7.6 The Big Picture; 7.7 Routing Joe's Packets; 7.8 Chapter Summary; Chapter 8. The Domain Name System; 8.1 Problem Statement; 8.2 The Domain Name System Solution; 8.3 The Database; 8.4 The Protocol; 8.5 Domain Name System in Action; 8.6 Additional Domain Name System Issues; 8.7 Chapter Summary; Chapter 9. Internet Mail; 9.1 Internet Messaging Architecture; 9.2 Simple Mail Transfer Protocol Details; 9.3 More Simple Mail Transfer Protocol Issues; 9.4 Internet Mail Lessons; 9.5 Chapter Summary; Chapter 10. Telnet; 10.1 Problem Statement; 10.2 Terminal Functions 10.3 Telnet Protocol Basics 10.4 Secure Shell Protocol; 10.5 Chapter Summary; Chapter 11. Internet File Transfer; 11.1 Problem Statement; 11.2 File Transfer Protocol Basics; 11.3 What's Special About File Transfer Protocol; 11.4 Trivial File Transfer Protocol; 11.5 File Sharing; 11.6 Anonymous File Transfer Protocol; 11.7 FTP Updates; 11.8 Chapter Summary; Chapter 12. The Web; 12.1 Specifying Web Resources; 12.2 The Hypertext Transfer Protocol (HTTP); 12.3 Hypertext Transfer Protocol and Multipurpose Internet Message Extensions; 12.4 Hypertext Transfer Protocol in Action 12.5 Web Caching and Intermediaries

Sommario/riassunto

With over 30,000 copies sold in previous editions, this fourth edition of TCP/IP Clearly Explained stands out more than ever. You still get a practical, thorough exploration of TCP/IP networking, presented in plain language, that will benefit newcomers and veterans alike. The coverage has been updated, however, to reflect new and continuing technological changes, including the Stream Control Transmission Protocol (SCTP), the Blocks architecture for application protocols, and the Transport Layer Security Protocol (TLS). The improvements go far beyond the updated material: they also incl

2. Record Nr.	UNINA9910957989703321
Titolo	Reykjavik revisited : steps toward a world free of nuclear weapons : complete report of the 2007 Hoover Institution conference / / conference report editors, George P. Shultz ... [et al.]
Pubbl/distr/stampa	Stanford, Calif., : Hoover Institution Press, c2008
ISBN	9780817949235 0817949232
Descrizione fisica	1 online resource (538 p.)
Collana	Hoover Institution Press publication ; ; no. 565
Altri autori (Persone)	ShultzGeorge Pratt <1920->
Disciplina	327.1/747
Soggetti	Nuclear nonproliferation Nuclear arms control
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Conference sponsored by the Hoover Institution and the Nuclear Threat Initiative."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>""Contents""; ""Preface George P. Shultz Steven P. Andreasen Sidney D. Drell James E. Goodby""; ""Acknowledgments""; ""Introduction: Closing the Gap Between the a€œIsa€? and the a€œOughta€? Steven P. Andreasen""; ""1. Further Reductions in Nuclear Forces David Holloway""; ""2. De-alerting Strategic Forces Bruce G. Blair""; ""3. Eliminating Short-Range Nuclear Weapons Designed to Be Forward Deployed Rose Gottemoeller""; ""4. Challenges of Verification and Compliance within a State of Universal Latency Raymond J. Juzaitis John E. McLaughlin""</p> <p>""5. Transparent and Irreversible Dismantlement of Nuclear Weapons Matthew Bunn""""6. Monitoring Nuclear Warheads Edward Lfft""; ""7. Securing Nuclear Stockpiles Worldwide Matthew Bunn""; ""8. Controlling Fissile Materials Worldwide""; ""9. Preventing the Spread of Enrichment and Reprocessing James Timbie""; ""10. Internationalizing the Nuclear Fuel Cycle James E. Goodby""; ""11 Comprehensive Nuclear-Test-Ban Treaty and U.S. Security Raymond Jeanloz""; ""Figures 1a€?10 for Chapter 11, a€œComprehensive Nuclear-Test-Ban Treaty and U.S. Securitya€? by Raymond Jeanloz""</p> <p>""12. Regional Animositities and Nuclear Weapons Proliferation Jack F. Matlock Jr.""""13. Part One: A World Free of Nuclear Weapons""; ""Max</p>

M. Kampelman"; "13. Part Two: Turning the Goal of a World without Nuclear Weapons into a Joint Enterprise Max M. Kampelman Steven P. Andreasen"; "14. Rethinking Nuclear Deterrence James E. Goodby Sidney D. Drell"; "15. Diplomacy for the Future George P. Shultz Henry S. Rowen"; "Appendix One: Conference Agenda"; "Appendix Two: Reykjavik Revisited Conference Participants"
"Appendix Three: A World Free of Nuclear Weapons George P. Shultz, William J. Perry, Henry A. Kissinger, Sam Nunn"
"Appendix Four: Toward a Nuclear-Free World George P. Shultz, William J. Perry, Henry A. Kissinger, Sam Nunn"; "About the Authors"; "Index"

Sommario/riassunto

Drawn from presentations made at the Hoover Institution's October 2007 conference, this collection of essays examines the practical steps necessary to address the current security challenges of nuclear weapons and to move toward the Reykjavik goal of eliminating all nuclear weapons. The distinguished group of contributors includes former officials of the past six administrations-Republican and Democratic-along with senior scholar and scientific experts on nuclear issues.
