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| 1. Record Nr. | UNINA9910811292203321 |
| Autore | Dostalek Libor |
| Titolo | Understanding TCP/IP : a clear and comprehensive guide to TCP/IP protocols // Libor Dostalek, Alena Kabelova |
| Pubbl/distr/stampa | Birmingham, U.K., : Packt Pub., 2006 |
| ISBN | 1-281-27100-4 9786611271008 1-84719-056-1 |
| Edizione | [1st edition] |
| Descrizione fisica | 1 online resource (480 p.) |
| Collana | From technologies to solutions |
| Altri autori (Persone) | KabelovaAlena |
| Disciplina | 004.678 |
| Soggetti | TCP/IP (Computer network protocol) |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Translation of: Velky pruvodce protokoly TCP/IP a systemem DNS : Computer Press, 2003. Includes index. |
| Nota di contenuto | Cover; Table of Contents; Preface; What This Book Covers; What You Need for This Book; Conventions; Reader Feedback; Customer Support; Errata; Questions; Chapter 1: Introduction to Network Protocols; 1.1 ISO OSI; 1.1.1 Physical Layer; 1.1.2 Data Link Layer; 1.1.3 Network Layer; 1.1.4 Transport Layer; 1.1.5 Session Layer; 1.1.6 Presentation Layer; 1.1.7 Application Layer; 1.2 TCP/IP; 1.2.1 Internet Protocol; 1.2.2 TCP and UDP; 1.2.3 Application Protocols; 1.3 Methods of Information Transmission; 1.3.1 Synchronous Transmission; 1.3.2 Packet Transmission; 1.3.3 Asynchronous Transmission 1.4 Virtual CircuitChapter 2: Network Monitoring Tools; 2.1 Packet Drivers; 2.2 MS Network Monitor; 2.2.1 Frame Capturing; 2.2.2 Viewing Captured Frames; 2.2.3 Filters for Displaying Captured Frames; 2.3 Ethereal; 2.4 Homework; Chapter 3: Physical Layer; 3.1 Serial Line; 3.1.1 Serial and Parallel Data Transport; 3.1.2 Symmetrical and Asymmetrical Signals; 3.1.3 Synchronous and Asynchronous Transport; 3.1.4 V.24, V.35, and X.21 Protocols; 3.1.5 Null Modem; 3.2 Modems; 3.2.1 Dial-Up Connection; 3.2.2 Leased Lines; 3.2.3 Automatic Modem; 3.2.3.1 AT Commands; 3.2.4 Synchronous Transmission 3.2.5 Baseband, Voice Band, and ADSL3.2.6 Transmission Rate; 3.2.6.1 The V.90 Recommendation; 3.2.7 Data Compression; 3.2.8 Error |

Detection; 3.3 Digital Circuits; 3.3.1 ISDN; 3.3.1.1 Basic Rate; 3.3.1.2 Higher Layer Protocols and Signaling; 3.3.2 E and T Lines; 3.4 LAN; 3.4.1 Structured Cables; 3.4.1.1 Copper Distribution; 3.4.1.2 Optical Fibers; 3.4.2 Ethernet (10 Mbps); 3.4.2.1 AUI; 3.4.2.2 BNC; 3.4.2.3 Twisted-Pair; 3.4.3 Fast Ethernet (100 Mbps); 3.4.4 Gigabyte Ethernet (1 Gbps); Chapter 4: Link Layer; 4.1 Serial Line Internet Protocol; 4.2 Compressed SLIP
4.3 High-Level Data Link Control Protocol
4.3.1 Flag; 4.3.2 Address Field; 4.3.3 Control Field; 4.3.3.1 I-Frame; 4.3.3.2 S-Frame; 4.3.3.3 U-Frame; 4.3.4 Data Field and a Transferred Protocol Type; 4.3.5 Checksum; 4.3.6 HDLC Protocol Summary; 4.4 Point-To-Point Protocol; 4.4.1 Dialing a Phone Line; 4.4.2 Link Control Protocol; 4.4.3 Authentication; 4.4.3.1 Password Authentication Protocol; 4.4.3.2 Challenge Handshake Authentication Protocols; 4.4.3.3 Extensible Authentication Protocol; 4.4.3.4 Radius Protocol; 4.4.4 Call-Back Control Protocol; 4.4.5 Other Protocols; 4.4.5.1 Multilink Protocol
4.4.5.2 Bandwidth Allocation Protocol and Bandwidth Allocation Control Protocol
4.4.5.3 Compression Control Protocol; 4.4.5.4 Encryption Control Protocol; 4.4.5.5 Setting Encryption Keys; 4.4.6 Internet Protocol Control Protocol; 4.5 Frame Relay; 4.5.1 A Frame Relay Protocol Frame; 4.5.2 IP Through Frame Relay; 4.5.3 Local Management Interface; 4.5.4 Frame Relay Configuration on CISCO Routers; 4.5.5 Frame Relay Protocol; 4.6 Local Area Networks; 4.6.1 Ethernet; 4.7 Wireless Local Area Network; 4.7.1 Typical WLAN Configuration; 4.7.1.1 Peer-To-Peer Networks; 4.7.1.2 Access Point
4.7.1.3 Roaming (Several Access Points)

Sommario/riassunto

A clear and comprehensive guide to TCP/IP protocols
