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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 ADSL; 3.2.6 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  
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Sommario/riassunto

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