Basics in Data Communications - Part 2/3: Tutorial

By Ronald Schlager

Createspace Independent Publishing Platform, United States, 2014. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.The book Basics in Datacommunications - Part 2/3 helps you to understand Local Area Networks (LANs). This book is the seminar handout part 2 of 3 covering the second day of our 3-day seminar Basics in Data Communications . This seminar is intended for all interested in the basics of data communications technologies used in Local Area Networks (LAN) and Wide Area Networks (WAN). Part 2 (this part) covers Local Area Networks (LANs). Typical features, topologies, cabling options, media access procedures, Ethernet, WLAN and higher layer protocols are covered. Part 1 covers basic terms and the OSI model and part 3 covers Wide Area Networks. TOPICS of Part 2/3: Introduction Why Local Area Networks? - Characteristics - Typical Fields of Application Features Internal Networking, Inter-Site Networking, Internet Access, Integration of external Users, Voice Integration, Video Surveillance, Mobilization, Virtualization, Cloud Services Network Topologies Star / Tree - Bus / Tree - Ring (simple, multiple ring) - Typical Characteristics compared Physical Media Twisted Pair (Typical Fields of Application, Advantages / Disadvantages, Supported Topologies, Symmetrical Pair Data Cable...

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