



## Basics in Data Communications - Part 3/3: 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 3/3 covers Wide Area Networks (WANs). This book is the seminar handout part 3 of 3 covering the third 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 3 (this part) covers Wide Area Network (WANs) switching technologies, important network elements, WAN services and data communication using public mobile radio network services. Part 1 covers basic terms and the OSI model and part 2 covers Local Area Networks. TOPICS of Part 3/3: General Why Switching? - WAN Characteristics Switching Technologies Circuit Switching - Packet Switching - Frame Switching - Cell Switching Network Elements Media and Links - Core Network Elements - Modems (Tasks, Types, xDSL Modems, ) - Multiplexer (Time Division Multiplexer, Plesiochronous Digital Hierarchy, Synchronous Digital Hierarchy) - Integrated Access Device (IAD) - Router - Voice over IP - Security (Proxy / Caching Server, Firewall, Security Server) WAN Services Integrated...



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