



# Data Communications And Computer Networks

**Rosina Ehmman**



## **Data Communications And Computer Networks:**

*Data Communications and Computer Networks* Michael Duck, Richard Read, 2003 Introduction datacommunications information theory introduction to local area networks Internet protocols DATA COMMUNICATIONS AND COMPUTER NETWORKS BRIJENDRA SINGH, 2014-02-11 This fully revised and updated book now in its Fourth Edition continues to provide a comprehensive coverage of data communications and computer networks in an easy to understand style The text places as much emphasis on the application of the concepts as on the concepts themselves While the theoretical part is intended to offer a solid foundation of the basics so as to equip the student for further study the stress on the applications is meant to acquaint the student with the realistic status of data communications and computer networks as of now Audience Intended primarily as a textbook for the students of computer science and engineering electronics and communication engineering master of computer applications MCA and those offering IT courses this book would also be useful for practising professionals NEW TO THIS EDITION Three new chapters on o Network Architecture and OSI Model o Wireless Communication Technologies o Web Security Appendix on Binary and Hexadecimal Numbering Key features Illustrates the application of the principles through highly simplified block diagrams Contains a comprehensive glossary which gives simple and accurate descriptions of various terms Provides Questions and Answers at the end of the book which facilitate quick revision of the concept *Data Communications and Distributed Networks* Uyles D. Black, 1987 A basic overview of data communications that provides the reader new to the field with a detailed non engineering oriented explanation of the systems components and protocols of today s data communications Annotation copyrighted by Book News Inc Portland OR

Data Communications and Computer Networks: A Business User's Approach Curt White, 2008-05-01 Data communications and computer networks are becoming increasingly more important today s business world could not function without either Business managers computer programmers system designers and home computer users alike need a thorough understanding of the basic features operations and limitations of different types of computer networks Now in its fifth edition DATA COMMUNICATIONS AND COMPUTER NETWORKS introduces concepts that help the reader achieve an in depth understanding of the often complex topic of data communications and computer networks by balancing the more technical aspects and the everyday practical aspects The fifth edition retains many of the elements that made the fourth edition so popular including readability and coverage of the most current technologies It offers full coverage of wireless technologies industry convergence compression techniques network security LAN technologies VoIP and expanded coverage of error detection and correction Important Notice Media content referenced within the product description or the product text may not be available in the ebook version **Data Communication And Computer Networks** Rajneesh Agarwal, 2009-11-01 Data Communication And Computer Networks Deals With Various Aspects Of The Subject Vis Vis The Emerging Trends In Network Centric Information Technology It Provides The Reader With An In Depth Framework Of The

Fundamental Concepts Networking Involves *Data Communication and Computer Network: Easy to Learn and Simple to Develop* Dr M. P. Vani, 2019-07-09 *Data Communication and Computer Network Easy to Learn and Simple to Develop* is ideal for self study as it covers all essential topics in depth and is easy to understand The author s unique approach thoroughly illustrates the theoretical and practical aspects of data communication and the computer network and the technologies and the tools that academic and network managers simply must know This textbook is perfect for students pursuing their B E B Tech M C A B Sc Computer Science or BCA degrees It presupposes no prior experience with data communication and computer network on the part of the reader and serves as a comprehensive introduction to data communication and computer network concepts and network application development Data Communication Data Representation Layered Tasks TCP IP Protocol Suite Physical Layer and Media Transmission Impairment Multiplexing Data Link Layer UDP and Application Layer are some of the concepts that the book deals with

**Introduction to Data Communications and Computer Networks** Fred Halsall, 1985 *Data Communications and Computer Networks* Curt M. White, 2004 This complete introduction to data communications is written to bring a fresh readable business oriented perspective to the technology that lies at the heart of the booming telecommunications revolution Providing a solid background of fundamentals to tomorrow s information systems professionals this survey of data communications keeps a balance between the super technical and the watered down providing a solid understanding not only of how things work but how they can be applied to create business solutions New technologies covered in this updated third edition include wireless technology security and the Ethernet while maintaining the pedagogical elements that have been successful for students in the past

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includes an accompanying Web site that contains software source code and other supplemental information

**Fundamentals of Networking and Data Communications** Curt M. White, 2012-04 Data communications and computer networks are vital in today's business world. Whether your career entails business management, computer programming, system design, or a related area, **FUNDAMENTALS OF NETWORKING AND DATA COMMUNICATIONS 7E** International Edition will give you the thorough understanding you need of basic features, operations, and limitations of different types of computer networks. The Seventh Edition retains many of the elements that made past editions so popular, including readability, coverage of the most current technologies, and a balanced presentation of both technical and practical, everyday aspects of data communications. This book offers full coverage of wireless technologies, industry convergence, compression techniques, network security, LAN technologies, VoIP, and error detection and correction. *Data Communication and Computer Networks* Jill West, 2021-08-12 Whether you are preparing for a career as a business manager, computer programmer, or system designer, or you simply want to be an informed home computer user, West's **DATA COMMUNICATIONS AND COMPUTER NETWORKS 9th Edition** provides an understanding of the essential features, operations, and limitations of today's computer networks. You learn about systems both on premises and in the cloud, as the author balances technical concepts with practical, everyday issues. Updates address the latest developments and practices in cloud business principles and security techniques, software-defined networking, 5G, the Internet of Things, data analytics, and supporting remote workforces. This edition also covers the CompTIA's Cloud Essentials exam to help you prepare for this vendor-neutral, business-oriented cloud computing certification. Hands-on learning features and thought-provoking content also guide you through virtual networking technologies, industry convergence, and wired and wireless LAN technologies.

**Data Communications and Computer Networks for Computer Scientists and Engineers** Michael Duck, 2003  
*Data and Computer Communications* Gurdeep S. Hura, Mukesh Singhal, 2001-03-28 The protocols and standards for networking are numerous and complex. Multivendor internetworking, crucial to present-day users, requires a grasp of these protocols and standards. **Data and Computer Communications: Networking and Internetworking**, a comprehensive text reference, brings clarity to all of the complex issues involved in networking activities. **Data Communications & Computer Networks** Curt M. White, 2016 **Data Communication and Computer Networks** Curt M. White, 1995-09-01 *Data and Computer Communications* William Stallings, 2007 **Data and Computer Communications Eighth Edition** offers a clear, comprehensive, and unified view of the entire fields of data communications, networking, and protocols. William Stallings organizes this massive subject into small, comprehensible elements, building a complete survey of the state of the art, one piece at a time. Stallings has substantially revised this international best-seller to reflect today's latest innovations, from Wi-Fi and 10 Gbps Ethernet to advanced congestion control and IP performance metrics. **BOOK JACKET** *Applied Data Communications and Networks* B. Buchanan, 1996-07-31 The usage of data communications and computer networks are ever

in creating It is one of the few technological areas which brings benefits to most of the countries and the peoples of the world Without it many industries could not exist It is the objective of this book to discuss data communications in a readable form that students and professionals all over the world can understand As much as possible the text uses diagrams to illustrate key points Most currently available data communications books take their view point from either a computer scientists top down approach or from an electronic engineers bottom up approach This book takes a practical approach and supports it with a theoretical background to create a textbook which can be used by electronic engineers computer engineers computer scientists and industry professionals It discusses most of the current and future key data communications technologies including Data Communications Standards and Models Local Area Networks Ethernet Token Ring and FDDI Transmission Control Protocol Internet Protocol TCP/IP High level Data Link Control HDLC X 25 Packet switching Asynchronous Communications RS 232 and Modems Pulse Coded Modulation PCM Integrated Digital Services Network ISDN Asynchronous Transfer Mode ATM Error Control X Windows The chapters are ordered in a possible structure for the presentation of the material and have not been sectioned into data communications areas

**Data Communications Computer Networks And Open Systems** F. Hallsall,2003

**Data Communications and Computer Networks: A Business User's Approach** Curt White,2010-03-09 Data communications and computer networks are becoming increasingly more important today s business world could not function without either DATABASE COMMUNICATIONS AND COMPUTER NETWORKS offers a balance between technical and practical aspects of data communication Business managers computer programmers system designers and home computer users alike need a thorough understanding of the basic features operations and limitations of different types of computer networks DATA COMMUNICATIONS AND COMPUTER NETWORKS introduces concepts that help the reader achieve an in depth understanding of the often complex topic of data communications and computer networks by balancing the more technical aspects and the everyday practical aspects The sixth edition retains many of the elements that made the fifth edition so popular including readability and coverage of the most current technologies This book offers full coverage of wireless technologies industry convergence compression techniques network security LAN technologies VoIP and expanded coverage of error detection and correction Important Notice Media content referenced within the product description or the product text may not be available in the ebook version

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