

Understanding Data Communications and Networking

Exploring the key components and structures of data communication, networking, and the Internet.



Understanding Data Communications

Malcolm G. Lane



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Understanding Data Communications Gilbert Held, 1996 This is the only book of its kind to provide solid explanations behind modern data communications concepts All the concepts are modern and up to date in sync with the current and future data communication market

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Understanding Data Communications C. Douglas Johnson, Peter Zipin, Data-Tech Institute, 1987

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Data Communications Robert Techo, 2013-11-21 This book has evolved primarily from lecture notes for data communications courses taught at Georgia State University since 1969 Additional material was derived from seminar presentations that were made during this period as well as from consulting work Teaching data communications in the College of Business Administration influenced the point of view of this material giving it a semitechnical orientation This point of view has been extended to the preparation of this book Only those technical details were included which it was felt would lead the student to a better understanding of the subject References are provided for those who desire further information in particular areas The reader for whom this book is intended is the nontechnical person who has some knowledge of computer technology and who wishes to extend that knowledge to the field of data communications The two key points stressed in this book are terminology and concepts The objectives of this book are to

enable the student 1 To read articles in the field of data communications with an understanding of their content 2 To be able to engage in knowledgeable discussions with communications engineers on the subject of data communications 3 To design and implement the hardware aspects of applications using data communications The software that would be involved is beyond the scope of this book except where protocols are considered v vi Preface 4 To effectively evaluate proposals for the implementation of data communications systems

Business Driven Data Communications Michael S.

Gendron,2011-12-31 A business driven approach to understanding data communications Explaining the why and how of data communications Michael Gendron s new textbook Business Driven Data Communications takes a business driven infrastructure design approach rather than solely focusing on a technical networking approach Overall this text presents technical material within the focus of business process support and infrastructure design

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Communications Franz-Joachim Kauffels,1989 *Understanding the Basics of Data Communications* Telecommunications Research Associates,2007

Understanding Data Communications ,1985

Introduction to Networking Basics Patrick

Ciccarelli,Christina Faulkner,Jerry FitzGerald,Alan Dennis,David Groth,Toby Skandier,2012-02-21 Finally there s a resource for the networking novice Networking Basics provides an accessible introduction to network concepts from the underlying standards through local and wide area network configurations up to configurations found in massive enterprise networks Readers will learn how to design and construct both wired and wireless networks gaining insight into both hardware and software requirements They ll also find out how to match network capabilities to organizational needs

Principles of

Voice & Data Communications Regis J. Bates,Marcus Bates,2007 Principles of Voice and Data Communication is a technology book for the non technical student a comprehensive overview of the entire networking industry built on unrivaled real world experience With its helpful pedagogy teaching support and student friendly tone Principles of Voice and Data Communication gives students the foundation they need to enter and succeed in the technology and communications fields

Handbook of Data Communications and Networks William Buchanan,Bill Buchanan,1999 The object of this book is to cover most of the currently relevant areas of data communications and networks These include Communications protocols especially TCP IP Networking especially in Ethernet Fast Ethernet FDDI and ATM Networking operating systems especially in Windows NT Novell NetWare and UNIX Communications programs especially in serial communications parallel communications and TCP IP Computer hardware especially in PC hardware serial 4 communications and parallel communication The book thus splits into 15 different areas General data compression Video images and sound Error coding and encryption TCP IP WWW Internets and Intranets Electronic Mail HTML Java Communication Programs Network Operating Systems LANs WANs Serial Communications Parallel Communications Local Communications Routing and Protocols Cables and connectors

Data Communications Software Design Malcolm G. Lane,1985 *Data*

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UNDERSTANDING DATA COMMUNICATIONS ,1988 **Advances in Data Communications Management**
Thomas A. Rullo,1980 **Principles of Data Communications for Professional Programmers and Systems Analysts**
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