



The McGraw-Hill High-Speed LANs Handbook

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Mcgraw Hill High Speed Lans Handbook

**Marion J. Ball, Judith V. Douglas, David
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McGraw Hill High Speed LANS Handbook:

The McGraw-Hill High-speed LANs Handbook Stephen Saunders, 1996 This book details the top eight high speed LAN technologies and compares them in terms of effectiveness and cost Written by A Data Communications expert on the topic this will be an indispensable reference for network specialists coming to grips with exploding bandwidth technologies such as ATM

Virtual LANs Marina Smith, 1998 VLANs are one of the hottest new sub networking technologies because they allow remote workgroups to be linked by software rather than physical wiring This detailed yet easy to understand guide addresses the VLAN construction basics the latest standards from IEEE and commercial vendors security issues and more The CD contains demo versions of VLAN products

E-Business and Distributed Systems Handbook Amjad Umar, 2003 This module discusses the network services and architectures in the Internet World topics include network architectures network connectivity IP based networks broadband networks wireless networks and Next Generation Internet

The Electronics Handbook Jerry C. Whitaker, 1996-12-23 The superb organization of The Electronics Handbook means that it is not only a comprehensive and fascinating reference but also a pleasure to use Some of these organizational features include

The McGraw-Hill Essential ISDN Sourcebook Martin A. W. Nemzow, 1997 Lower pricing wider availability and a driving need for greater bandwidth spurred on by the Internet have combined to make ISDN services popular This nuts and bolts factbook provides hands on technical financial and strategic planning techniques to implement ISDN for residential or business oriented access point to point data connections support for video conferencing and backbone support for LAN WAN interconnection

The LAN Manager's Internet Connectivity Guide Sidnie Feit, 1998 Despite the torrent of Internet guides none has been aimed at LAN managers until now This much needed book is the most comprehensive LAN specific Internet reference covering the topic from all angles Extensive case studies shed light on the workings of Internet LAN connections in the corporate world

Broadband Access and Network Management D. W. Faulkner, A. L. Harmer, 1998

High-speed Networks William Stallings, 1998 Bestselling author William Stallings presents comprehensive up to date coverage of TCP performance design issues A high level overview of cutting edge network and Intranet design this book focuses on high speed technologies like routing for multimedia how to manage traffic flow and compression techniques for maximizing throughput

Internetworking Christoph Meinel, Harald Sack, 2013-10-16 This book is supposed to serve as a comprehensive and instructive guide through the new world of digital communication On the physical layer optical and electrical cabling technology are described as well as wireless communication technologies On the data link layer local area networks LANs are introduced together with the most popular LAN technologies such as Ethernet Token Ring FDDI and ATM as well as wireless LAN technologies including IEEE 802 x Bluetooth or ZigBee A wide range of WAN technologies are covered including contemporary high speed technologies like PDH and SDH up to high speed wireless WANs WiMAX and 4th generation wireless telephone networks LTE Routing technologies conclude the treatment of the data link layer Next there is

the Internet layer with the Internet protocol IP that establishes a virtual uniform network out of the net of heterogeneous networks In detail both versions IPv4 as well as the successor IPv6 are covered in detail as well as ICMP NDP and Mobile IP In the subsequent transport layer protocol functions are provided to offer a connection oriented and reliable transport service on the basis of the simple and unreliable IP The basic protocols TCP and UDP are introduced as well as NAT the network address translation Beside transport layer security protocols like SSL and TLS are presented On the upmost application layer popular Internet application protocols are described like DNS SMTP PGP S FTP NFS SSH DHCP SNMP RTP RTCP RTSP and World Wide Web **Voice and Data Communications Handbook** Regis J. Bates,Donald W. Gregory,2000

The practical explanations of telecommunications technology begin with an introduction to the concept followed by a discussion of the applications used This latest edition covers high speed data and Internet service wireless communications and frame relay with voice over frame 400 Illustrations **Lineman's and Cableman's Handbook 12th Edition** Thomas Shoemaker,James Mack,2011-08-08 The definitive guide to distribution and transmission line technology fully updated Completely revised to reflect the 2012 National Electrical Safety Code NESC The Lineman s and Cableman s Handbook 12th Edition provides in depth information on overhead and underground distribution and transmission lines The latest OSHA ANSI and ASTM standards are emphasized throughout This authoritative resource presents basic principles equipment standards and safety regulations allowing electrical workers to avoid costly errors diagnose and repair power failures and ensure optimum safety A wealth of illustrations and photographs make it easy to understand the material and self test questions and exercises help reinforce key concepts Comprehensive coverage includes Electrical principles and systems Substations Circuits Construction Wood pole aluminum concrete fiberglass and steel structures Distribution automation Emergency system restoration Unloading hauling erecting setting and guying poles Insulators crossarms and conductor supports Line conductors Distribution transformers Lightning and surge protection Fuses Switches sectionalizers and reclosers Voltage regulators Transmission tower erection Stringing sagging and joining line conductors Live line maintenance Grounding Street lighting Underground distribution Vegetation management Distribution transformer installation Electrical drawing symbols Single line and schematic diagrams Voltage regulation Units of measurement electrical definitions electrical formulas and calculations Maintenance of transmission and distribution lines Rope knots splices and gear Climbing and wood poles Protective equipment OSHA 1910 269 Resuscitation Pole top and bucket rescue

A Professional's Guide to Data Communication in a TCP/IP World E. Bryan Carne,2004 Providing professionals with a comprehensive picture of the Internet protocol stack and the role of TCP IP in data communication this is a one stop reference for data communications Supported by more than 130 illustrations **PC Mag** ,2001-10-30 PCMag com is a leading authority on technology delivering Labs based independent reviews of the latest products and services Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology

Information Technology and Educational Management in the Knowledge Society Arthur Tatnall, Javier

Osorio, Adrie Visscher, 2004-12-15 Information Technology and Educational Management in the Knowledge Society is an essential reference for both academic and professional researchers in the field of information technology and educational management. Since the mid 1980s computer assisted educational information systems have been developing in various parts of the world and the knowledge surrounding the development and implementation of these systems has been growing. The papers presented in this volume are the result of an international call for papers addressing the challenges faced by the information technology and education management ITEM field in a society where knowledge management is becoming a major issue both in educational and business systems. This state of the art volume presents the proceedings of the 6th International Working Conference on Information Technology in Educational Management held July 2004 in Spain. The collection will be important not only for information technology and education management experts and researchers but also for all teachers and administrators interested in this growing field.

The Industrial Communication Technology Handbook Richard Zurawski, 2005-02-23 The Industrial Communication Technology Handbook focuses on current and newly emerging communication technologies and systems that are evolving in response to the needs of industry and the demands of industry led consortia and organizations. Organized into two parts, the text first summarizes the basics of data communications and IP networks, then presents a comprehensive overview of the field of industrial communications. This book extensively covers the areas of fieldbus technology, industrial Ethernet and real time extensions, wireless and mobile technologies in industrial applications, the linking of the factory floor with the Internet and wireless fieldbuses, network security and safety, automotive applications, automation and energy system applications, and more. The Handbook presents material in the form of tutorials, surveys and technology overviews, combining fundamentals and advanced issues with articles grouped into sections for a cohesive and comprehensive presentation. The text contains 42 contributed articles by experts from industry and industrial research establishments at the forefront of development and some of the most renowned academic institutions worldwide. It analyzes content from an industrial perspective, illustrating actual implementations and successful technology deployments.

Agent Technology Handbook Dimitris N. Chorafas, 1998

Computer Science

Handbook Allen B. Tucker, 2004-06-28 When you think about how far and fast computer science has progressed in recent years, it's not hard to conclude that a seven year old handbook may fall a little short of the kind of reference today's computer scientists, software engineers and IT professionals need. With a broadened scope, more emphasis on applied computing and more than 70 chapters. *Strategies and Technologies for Healthcare Information* Marion J. Ball, Judith V. Douglas, David E. Garets, 2012-12-06 Changes in health care are at a breakneck pace. Regardless of the many changes we have collectively experienced, delivering health care has been, is, and will continue to be an enormously information intensive process. Whether caring for a patient or a population, whether managing a clinic or a continuum, we are in a knowledge exchange business. A

major task for our industry and the task for chief information officers CIOs is to find and apply improved strategies and technologies for managing healthcare information In a fiercely competitive healthcare marketplace the pressures to succeed in this undertaking and the rewards associated with success are enormous While the task is still daunting we can all be encouraged by progress being made in information management There are documented successes throughout health care and there is growing recognition by healthcare chief executive officers and boards that information strategies and their deployment are essential to organizational efficiency quite possibly organizational survival *Journal of Object-oriented Programming* ,1998 **Data Communications** ,1998

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