

HANDBOOK OF WIRELESS LOCAL AREA NETWORKS



Applications, Technology, Security, and Standards

Edited by
Mohammad Ilyas and Syed Ahson



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Handbook Of Wireless Local Area Networks

Hossein Bidgoli



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A Field Guide to Wireless LANs Thomas Maufer, 2004 Finally an 802 11 deployment guide for business and home use that demystifies the alphabet soup of IEEE standards and explains the features and benefits of each with regards to speeds and feeds

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802.11 (Wi-Fi) Neil P. Reid, Ron Seide, 2003 Aims to help you break free with the wireless networking capabilities of 802.11 This guide provides hardware advice radio frequency fundamentals performance tips architecture requirements and more It also aims to provide clarity on connectivity issues for laptop computers personal digital assistants PDAs and peripherals

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Wireless Technologies: Concepts, Methodologies, Tools and Applications Management Association, Information Resources, 2011-08-31 Contains the latest research case studies theories and methodologies within the field of wireless technologies

IEEE 802.11 Handbook Al Petrick, 2002

802.11 Wireless Networks Matthew Gast, 2002 Using a wireless network is a liberating experience But underneath the experience lies a complex protocol and even more complex issues arise when your data isn't limited to traveling on physical wires How do you structure your network so mobile users can move around effectively How do you extend wireless coverage so it's available everywhere you need it What kinds of security issues do wireless networks raise How do you tune your network for optimal performance How do you provide enough capacity to support the users you expect initially and how do you deal with the problems that arise as more users join the network 802.11 Wireless Networks The Definitive Guide discusses all these issues and more This book is for the serious system or network administrator who is responsible for deploying or maintaining a wireless network It discusses how the 802.11 protocols work with a view towards understanding which options are available and troubleshooting problems that arise It contains an extensive discussion of

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Handbook of Web Based Energy Information and Control Systems Barney L. Capehart, Timothy Middelkoop, 2020-12-22 This book promotes the benefits of the development and application of energy information and control systems. This wave of information technology IT and web based energy information and control systems web based EIS ECS continues to roll on with increasing speed and intensity. This handbook presents recent technological advancements in the field as well as a compilation of the best information from three previous books in this area. The combined thrust of this information is that the highest level functions of the building and facility automation system are delivered by a web based EIS ECS system that provides energy management facility management overall facility operational management and ties in with the enterprise resource management system for the entire facility or the group of facilities being managed.

National Association of Broadcasters Engineering Handbook Garrison Cavell, 2017-07-28 The NAB Engineering Handbook is the definitive resource for broadcast engineers. It provides in depth information about each aspect of the broadcast chain from audio and video contribution through an entire broadcast facility all the way to the antenna. New topics include Ultra High Definition Television Internet Radio Interfacing and Streaming ATSC 3.0 Digital Audio Compression Techniques Digital Television Audio Loudness Management and Video Format and Standards Conversion. Important updates have been made to incumbent topics such as AM Shortwave FM and Television Transmitting Systems Studio Lighting Cameras and Principles of Acoustics. The big picture comprehensive nature of the NAB Engineering Handbook will appeal to all broadcast engineers everyone from broadcast chief engineers who need expanded knowledge of all the specialized areas they encounter in the field to technologists in specialized fields like IT and RF who are interested in learning about unfamiliar topics. Chapters are written to be accessible and easy to understand by all levels of engineers and technicians. A wide range of related topics that engineers and technical managers need to understand are covered including broadcast documentation FCC practices technical standards security safety disaster planning facility planning project management and engineering management.

CWNA Certified Wireless Network Administrator Study Guide David D. Coleman, David A. Westcott, 2006-11-29 One of the fastest growing certifications on the market CWNA is rapidly becoming the premier professional wireless certification for network administrators. It is also the foundation level exam for the complete Certified Wireless Network Professional program. Now you can join the move to Wi-Fi and prepare for your certification with this comprehensive and targeted study guide. This value packed book includes Practical information on designing installing and managing wireless networks including the new 802.11 standards Challenging practice questions and hands on exercises A test engine with bonus exams and over 150 electronic flashcards A pre assessment test A detailed glossary. Inside find authoritative coverage of all exam PW0 100

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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 chap *Wireless Networking Survival Guide* TechRepublic, Incorporated, 2003-10

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 activity providing excellent instruction for students and an indispensable reference for practitioners This systematic work answers a vast array of questions about overall network architecture design protocols and deployment issues It offers a practical thorough treatment of the applied concepts of data and computer communication systems including signaling basics transmission of digital signals and layered architecture The book features in depth discussions of integrated digital networks integrated services digital networks and high speed networks including currently evolving technologies such as ATM switching and their applications in multimedia technology It also presents the state of the art in Internet technology its services and implementations The balance of old and new networking technologies presents an appealing set of topics for both undergraduate students and computer and networking professionals This book presents all seven layers of OSI based networks in great detail covering services functions design issues interfacing and protocols With its introduction to the basic concepts and practical aspects of the field Data and Computer Communications Networking and Internetworking helps you keep up with the rapidly growing and dominating computer networking technology CWTS, CWS, and CWT Complete Study Guide Robert J. Bartz, 2017-09-26 The must have guide to the CWTS exam updated for 2017 CWTS Certified Wireless Technology Specialist Study Guide is your number one resource for comprehensive exam preparation Updated to study in 2017 and beyond this book takes a multi modal approach to ensure your complete confidence and ability for the big day full coverage of all CWTS exam objectives reinforces your conceptual knowledge hands on exercises help hone your practical skills and the Sybex online learning

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