TCP / IP For Dummies

Learn to:
- Work with the newest TCP/IP standards and protocols
- Apply new information on wireless routers, VoIP, and mobile technologies
- Secure blog and social networking sites
- Use new methods to guard against phishing, spear-phishing, and vishing

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Synopsis

Packed with the latest information on TCP/IP standards and protocols TCP/IP is a hot topic, because it’s the glue that holds the Internet and the Web together, and network administrators need to stay on top of the latest developments. TCP/IP For Dummies, 6th Edition, is both an introduction to the basics for beginners as well as the perfect go-to resource for TCP/IP veterans. The book includes the latest on Web protocols and new hardware, plus very timely information on how TCP/IP secures connectivity for blogging, vlogging, photoblogging, and social networking. Step-by-step instructions show you how to install and set up TCP/IP on clients and servers; build security with encryption, authentication, digital certificates, and signatures; handle new voice and mobile technologies, and much more. Transmission Control Protocol / Internet Protocol (TCP/IP) is the de facto standard transmission medium worldwide for computer-to-computer communications; intranets, private internets, and the Internet are all built on TCP/IP. The book shows you how to install and configure TCP/IP and its applications on clients and servers; explains intranets, extranets, and virtual private networks (VPNs); provides step-by-step information on building and enforcing security; and covers all the newest protocols. You’ll learn how to use encryption, authentication, digital certificates, and signatures to set up a secure Internet credit card transaction. Find practical security tips, a Quick Start Security Guide, and still more in this practical guide.

Book Information

File Size: 8990 KB
Print Length: 456 pages
Publisher: For Dummies; 6 edition (July 15, 2009)
Publication Date: July 15, 2009
Sold by: Digital Services LLC
Language: English
ASIN: B002MZUPUG
Text-to-Speech: Enabled
X-Ray: Not Enabled
Word Wise: Not Enabled
Lending: Not Enabled
Enhanced Typesetting: Enabled
Best Sellers Rank: #298,449 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #19 in Books > Computers & Technology > Networking & Cloud Computing > Networks, Protocols &
Customer Reviews

Background: I am a software tester who has worked on several projects using network technologies to implement the software solutions. In each case, I had no training or understanding of the underlying technologies used (a situation that creates tons of stress and frustration). I have been a purchaser of many of the "For Dummies" books because they do often succeed in providing an introduction to, and conceptual framework for understanding the subjects they discuss.

My Review: This book has been a mixed bag. Before reading TCP/IP for Dummies, I did in fact feel "like a dummy". Reading it has helped to allay that feeling. The authors do succeed in explaining many TCP/IP technologies and networking issues. I now have an awareness of what was going on under the hood of those software implementations I worked on and why they were implemented as they were. However, I must agree fully with the reviewers who found the food analogies used by the authors excessive and useless. For the most part, the analogies did nothing to illustrate the concepts. At several points I just stopped reading altogether because I knew the author(s) were off on their food tangent again, had forgotten their subject matter, and more importantly their audience.

At other times, I crossed out entire paragraphs because they contained nothing but the continued bad use of these annoying analogies and explained nothing. (However, I blame these lapses on the editors as much as on the authors.)

Beyond these frustrations, I also took the following exceptions with the book: (1) the authors fail to explain key concepts such as ports and subnetting in an understandable fashion. I found no reference to or discussion of TCP/IP sockets.

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