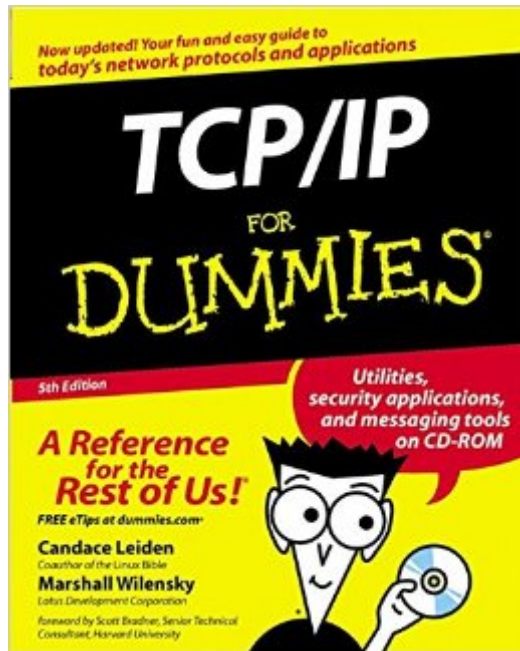# TCP/IP For Dummies (For Dummies (Computers))

Synopsis

TCP/IP is always a hot topic because it is and always will be the glue that holds the Internet and the World Wide Web together. To be well connected (network-wise, that is), sooner or later you have to become familiar with TCP/IP. So if you want to understand what it is, what it does, what itâ ™s for, why you need it, and what to do with it, but you just donâ ™t know where to startÂ â " this book is for you. If you have to install and set up TCP/IP on your computer at home or on lots of computers for your company, you'll find lots of Hands-On sections that take you through the process step by step. TCP/IP For Dummies, 5th Edition, is both an introduction to the basics and a reference to help you use TCP/IP applications and tools on all kinds of computers connected to networks. Here are some of the many subjects that this book covers: Uncovering the relationships among TCP/IP, the Net, and the Web Exploring client/server and how it is the foundation of TCP/IP Installing and configuring TCP/IP and its applications on clients and servers Understanding intranets, extranets, and virtual private networks (VPNs) Building and enforcing security Boldly going to the next generation: IPv6 If youâ ™re concerned about the security of your dataÂ â "Â and who isnâ ™t?Â â "Â donâ ™t miss the practical security tips in this book, including a Quick Start Security Guide. You can read about advanced security topics, including the security protocols that are part of TCP/IP. You also find out how to use encryption, authentication, digital certificates, and signatures. And if youâ ™re interested in e-commerce, walk through a secure Internet credit card transaction.

Book Information

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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 techologies 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 unuseful. 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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