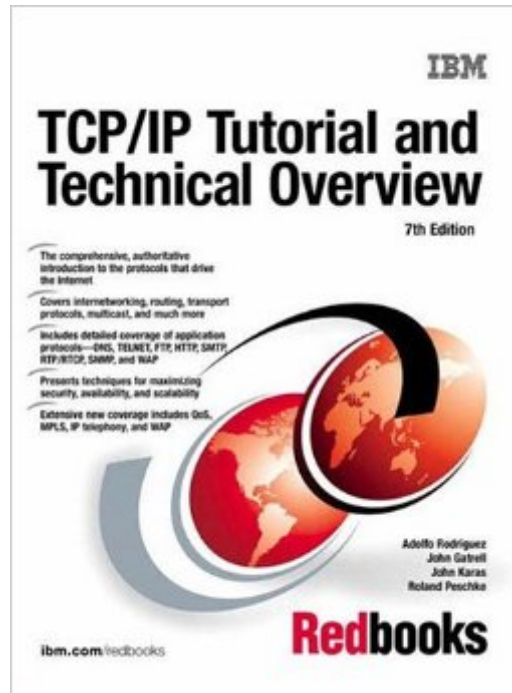# TCP/IP Tutorial And Technical Overview (7th Edition)

Synopsis

TCP is abbreviation of Transmission Control Protocol, and pronounced as separate letters. TCP is one of the main protocols in TCP/IP networks. Whereas the IP protocol deals only with packets, TCP enables two hosts to establish a connection and exchange steams of data. TCP guarantees delivery of data and also guarantees that packets will be delivered in the same order in which they were sent.

Book Information

Paperback: 992 pages

Publisher: Prentice Hall; 7 edition (November 1, 2001)

Language: English

ISBN-10: 0130676101

ISBN-13: 978-0130676108

Product Dimensions: 7 x 2.2 x 9.1 inches

Shipping Weight: 3 pounds (View shipping rates and policies)

Average Customer Review: 3.0 out of 5 stars Â See all reviews (2 customer reviews)

Best Sellers Rank: #2,310,041 in Books (See Top 100 in Books)   #75 inÂ Books > Computers & Technology > Networking & Cloud Computing > Networks, Protocols & APIs > TCP-IP   #2491 inÂ Books > Textbooks > Computer Science > Networking   #6683 inÂ Books > Textbooks > Computer Science > Programming Languages

Customer Reviews

I was interested in how Internet core and application protocols work. Found a positive review of this book in .co.uk and decided to give it a try.After reading Part 1: Core TCP/IP protocols, I was disappointed. I felt I have wasted my time for almost nothing. The book does not go into enough detail to explain protocol internals and when it tries to do so, it fails to be complete. When presenting packet formats (and presenting their diagrams) authors do not describe every field with just enough details for the reader to understand its purpose and usage. For readers who do not care about details but only want to see the big picture, the book fails to be consistent. It does not emphasize enough the two most important protocols TCP and IP, giving them the same "priority" as network interfaces and routing protocols. While the later may be of big importance to network administrators, the former are much more important to applications and systems programmers.I do not know if other parts of this book are any better - I could not find any justification to continue to read it after Part 1. The next book I took, "Internet Core Protocols: The Definitive Guide" by Eric Hall, while

having its own shortcomings (relatively small), was much better at explaining the inners and usage of Internet core protocols.

Well done, Very clear

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