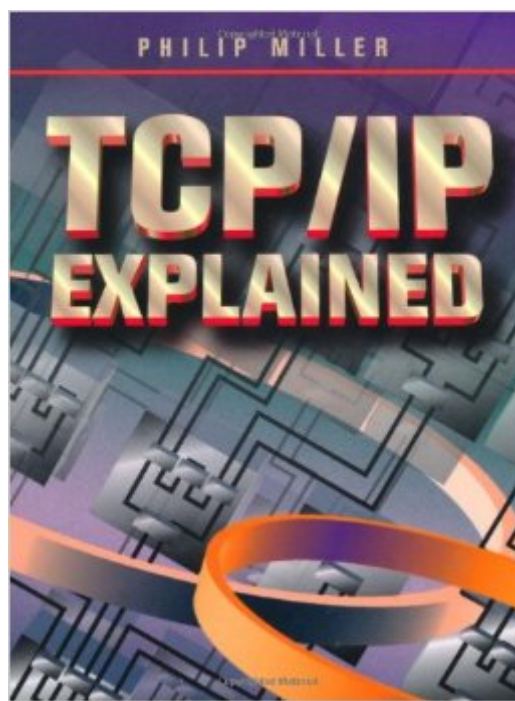


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# TCP/IP Explained



## Synopsis

TCP/IP Explained concentrates on how each protocol works within the Internet Protocol Suite and discusses the addressing, delivery, transport and routing protocols. Many books on this subject concentrate on why protocols are designed in a particular way. This book concentrates on how they actually work. The approach is practical, and the reader can see how network changes affect overall operation. Ignored by many writers on the subject, but none the less important, are the Link Layer protocols that enable both interoperability between vendors and remote access to networks. This book describes these protocols in detail and includes the very latest enhancements. Equally, network managers must think about security when considering networks of this type. By providing useful examples of how such systems can be applied, this book discusses exactly what is needed to create a secure environment. TCP/IP Explained can be broadly split into four sections. The first section deals with the basics of the TCP/IP suite and how data is transported between two systems. The second section discusses routing principles and protocols. The third section deals with applications, and the fourth section discusses miscellaneous areas, such as common protocols used across wide area networks, securing networks, and the future of IP.   
 **Â** Covers all aspects of TCP/IP and includes internetworking in the wide are and remote access **Â** Combines self-study with reference material

## Book Information

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Average Customer Review: 4.0 out of 5 stars **Â** **Â** See all reviews **Â** (6 customer reviews)

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## Customer Reviews

This book covers just about every facet of tcp/ip in a comprehensive fashion. Every protocol is covered separately and well illustrated. My only criticism so far is that I still have trouble understanding subnet masks, due to this book not actually giving an example other than the default 255.255.255.0 etc. - a trap that every networking book I have read seems to fall into (although that may say more about me than the book!). Definitely worth purchasing for its authoritative feel - I'm sure you could trust it implicitly - though maybe a tad heavy-going for the beginner. Only misses out on 5 stars because I'm still confused about the point I mentioned and I might need another book to help me yet...

The book is thorough, but we have RFCs for that ... The author keeps flooding the reader with details (e.g. port numbers, sizes, addresses) even when trying to explain principals. There should be better separation between high level concepts and implementation details that does not exist in this book (and does in other books). Also, a lot of the diagrams are meaningless, and it seemed to me a lot of the times they were here only to make the book thicker. Most of the examples are trace of packets, which are difficult to follow. High level flow examples are missing.

It is a good book. It for beginner trying to understand things from beginning. I would recommend but also get a book that is up to date because alot of things have changed since this book was written.

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Internetworking With Tcp/Ip: Principles, Protocols, and Architecture (Internetworking with TCP/IP Vol. 1)  
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