



TCP/IP Network Administration

Craig Hunt

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This complete guide to setting up and running a TCP/IP network is essential for network administrators, and invaluable for users of home systems that access the Internet. The book starts with the fundamentals -- what protocols do and how they work, how addresses and routing are used to move data through the network, how to set up your network connection -- and then covers, in detail, everything you need to know to exchange information via the Internet.

Included are discussions on advanced routing protocols (RIPv2, OSPF, and BGP) and the gated software package that implements them, a tutorial on configuring important network services -- including DNS, Apache, sendmail, Samba, PPP, and DHCP -- as well as expanded chapters on troubleshooting and security. *TCP/IP Network Administration* is also a command and syntax reference for important packages such as gated, pppd, named, dhcpcd, and sendmail.

With coverage that includes Linux, Solaris, BSD, and System V TCP/IP implementations, the third edition contains:

Overview of TCP/IP Delivering the data Network services Getting startedM Basic configuration Configuring the interface Configuring routing Configuring DNS Configuring network servers Configuring sendmail Configuring Apache Network security Troubleshooting Appendices include *dip*, *ppd*, and *chat* reference, a *gated* reference, a *dhcpcd* reference, and a *sendmail* reference This new edition includes ways of configuring Samba to provide file and print sharing on networks that integrate Unix and Windows, and a new chapter is dedicated to the important task of configuring the Apache web server. Coverage of network security now includes details on OpenSSH, stunnel, gpg, iptables, and the access control mechanism in xinetd. Plus, the book offers updated information about DNS, including details on BIND 8 and BIND 9, the role of classless IP addressing and network prefixes, and the changing role of registrars.

Without a doubt, *TCP/IP Network Administration, 3rd Edition* is a must-have for all network administrators and anyone who deals with a network that transmits data over the Internet.

TCP/IP Network Administration Details

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From Reader Review TCP/IP Network Administration for online ebook

Dilpreet Singh says

This is my syllabus book.

Kurt says

compulsory reading to work on the internet.

Alessandro says

As the author himself says: "If you really think of yourself as an "idiot" when it comes to Unix, this book is not for you. Likewise, if you are a network administration "genius," this book is probably not suitable either. If you fall anywhere between these two extremes, however, you'll find this book has a lot to offer."

I am a computational scientist, therefore I am somewhere in the middle between the previously mentioned extremes.

This book assumes that you have a good understanding of computers and their operation and that you're generally familiar with Unix system administration. Many concepts are ordinary knowledge both on everyday computing, and in the realm of duties of a computational scientist with technical duties and hand-on practice.

The concepts are rigorously explained. There are exhaustive examples, accurate schemes, and useful figures.

For me it will be a good reference. If you need some groundings for a collection of protocols used almost 24h/day in our current world, this is the right book to start with.

Dale Pearl says

An old book going back to 1992 in the first edition. Still a must have reference book for anyone in Systems Administration, Networking, or management of Data Centers.

Nour says

just a great book , it contains many definitions and algorithms , i think it is a update for an old edition maybe

i like it

Ivan says

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TK Keanini says

The Crab Book.
This was a great starter and most of the concepts have not changed because they are centric to IPv4

Avi says

My main takeaway from this book is that Sendmail configuration is totally crazy.
