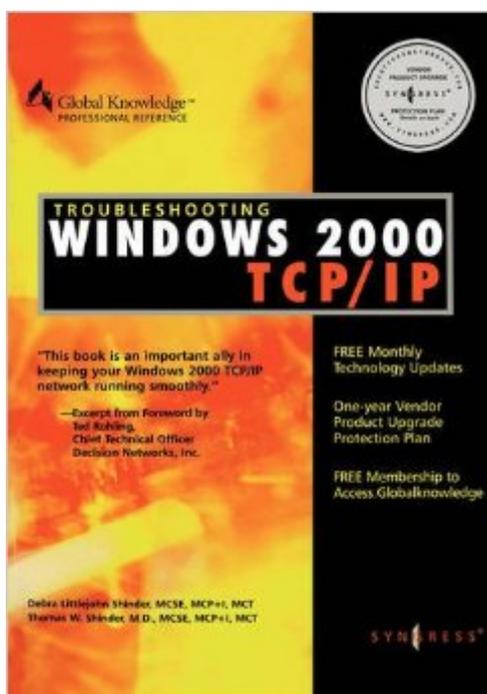# Troubleshooting Windows 2000 TCP/IP

Synopsis

TCP/IP is a set of proposals developed to allow cooperating computers to share resources across a network. Some of the largest networks today are built on the TPC/IP protocol suite. Understanding how TCP/IP is "supposed" to work is not enough for today's network managers. In this book, readers will learn to prevent, detect, troubleshoot and correct TCP/IP network problems. By using products such as distributed sniffers, field metering tools and protocol analyses, network managers can learn a lot about what is going on in (or wrong in) an internetwork and be able to troubleshoot a live TPC/IP network. This book focuses specifically on identifying problem areas, including identifying and correcting protocol errors, DNS route problems, application faults and slow response times.Syngress have sold over 700,000 Microsoft and Cisco certification guides in the last two years. Most of the administrators buying these will be interested in this book. * TPC/IP is a very popular topic; readers will welcome a guide to troubleshooting and repairing problems* Tackles monitoring the network using protocol analyses* Teaches effective methods of baselining and trend analysis

Book Information

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Customer Reviews

This book is good. I am studying for the 70-216 and 70-221 Microsoft Exam to update my MCSE to Windows 2000 MCSE. There is no Microsoft Book now for these tests so I got this one. Not only did I really learn TCP/IP for the first time (I thought I understood TCP/IP and how it worked before), but I

know now how so different Windows 2000 TCP/IP is from Windows NT TCP/IP. They are not the same! Only book I ever read that showed me how to design WINS and DNS solutions in real world. MSPRESS books did not show me that for Windows NT! This is a good book and I liked it a lot.

This book is fresh air to someone like myself who has read at least a dozen Windows 2000 books. I get the impression that a lot of the Windows 2000 books were written by people who write books and don't work with the technology. This book doesn't fall into that class. It was great to read this book, because it renewed my faith that a tech book could be written in a way that doesn't put me to sleep.They cover Windows 2000 TCP/IP from top to bottom. WINS, DNS, DHCP, RRAS, IIS, routing and network devices. Its all there, and its filled with little known factoids that makes me want to keep reading and have another "aha!" experience.This book also was the major reason I passed the Microsoft 216 exam so easily. Although I didn't buy it to pass the exam, they seem to cover all the material that the exam covered. A nice bonus. I wish they made the book longer, because I'm sure they could have said a lot more that I would like to read about.This book isn't for beginners, but neither is Windows 2000. I think once the reader is ready to manage Windows 2000, they'll be ready to get the most out of this exceptional book.

I can't believe they wrote a book about TCP/IP in english! I got the MCSE in NT 4 and studyed TCP/IP and understood it as well I as could with the study guides out there. Then I got a job in the business, and realized I had a lot to learn. I needed more advanced knowledge, but the books all sound like they were written by martians or something!A friend of mine told me about this book because he knew the authors. I bought it and I'm glad to say its the best TCP/IP book out there. No lie. I actually think I understand some of the hard stuff now. I couldn't say that after reading some of those other books.Get this book if you want to learn about how to fix your network, without having to run to the networking dictionary to define every other term.

I bought this book based on the recommendations of other people who have reviewed this book. Overall, I agree with their comments. This book provides an excellent overview and detailed treatment of the Win2k TCP/IP Networking Services.The book starts with a in-depth analysis of the Win2k Protocol stack, and they spend extra time on the new enhancements to the Win2k TCP/IP stack, such as ATM Support, TCP Fast Retransmit, Selective Acknowlegement and others. They also provide a nice checklist of things to watch out for during your Win2k upgrade process, in terms of network services.I'd never been too hot with Network Monitor, and I don't think I'm ready for

Network Analysis engineer of the year, but the chapter on Network Monitor really helped me get a good handle on how the thing works, and provided a few cool examples.The book is very well layed out, with a nice mix of pictures, tips, warnings, and FAQs. This breaking up of the material really helps keep my attention, and makes it easier to remember the concepts. It also makes it easier to remember how to find stuff that you've read earlier.I think this is a good book for someone ready to go to the "next level". It won't make you a network analyst, but should help make you one heck of a Win2k network engineer.

OK, I admit it. I learned my TCP/IP for Windows NT exams from reading Exam Cram. Needless to say, I passed the Windows NT TCP/IP test, but couldn't tell a subnet from a supernet. Now I have a job in the industry and I needed to actually learn TCP/IP, especially since we are moving up to Windows 2000 in our shop.This book is unreal in how good things are explained. Great detail in describing RRAS, WINS, DNS, and the TCP stack. Using the information in the book I am now up to speed on TCP/IP. Enough to pass the 70-216 test! Not bad for a NT MCSE!For Real, this book helped a lot. I owe the author's a beer on this one.

If you *ever* had an unanswered question about Windows 2000 TCP/IP and related network services, this is the book to buy - if you're a Win2k network engineer, get your company to buy a dozen and keep them on the shelves. It starts off as a basic book on IP, but when it's done, you should know everything there is to know about Win2k TCP/IP. I only wish I had this when I was learning TCP/IP for WinNT, I wonder if they might do one for NT TCP/IP? The book reads well and doesn't sound like a voice over for the Win2k docs.

The Network Infrastucture exam went live this week and I took it the first day. I read the MS Press book for the 70-216 exam, and if I only read that, I would have failed it for sure. This book put me over the top! I wonder if the authors wrote the exam questions? Thanks for putting together a great book and helping me pass my first windows 2000 test!

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