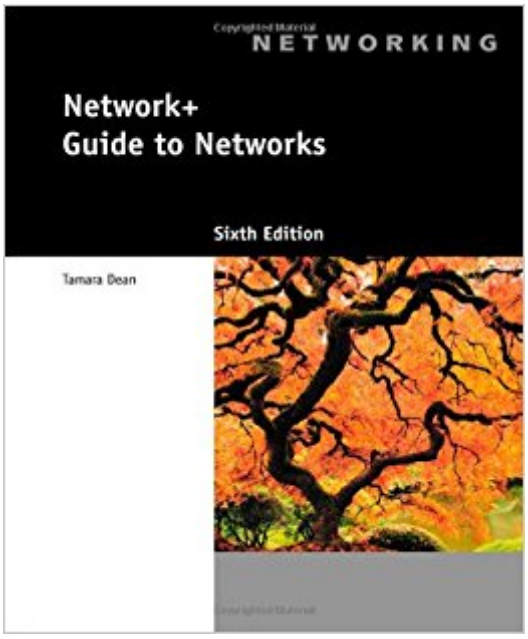
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# Network+ Guide To Networks (with Printed Access Card)




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## Synopsis

The completely updated NETWORK+ GUIDE TO NETWORKS, 6th Edition gives readers the technical skills and industry know-how required to begin an exciting career installing, configuring, and troubleshooting computer networks. The text also prepares readers for CompTIA's Network+ N10-005 certification exam with fundamentals in protocols, topologies, hardware, and network design. After exploring TCP/IP, Ethernet, wireless transmission, and security concepts, as well as an all-new chapter on virtual networks, readers can increase their knowledge with the practical "On-the Job" stories, Review Questions, Hands-On Projects, and Case Projects. NETWORK+ GUIDE TO NETWORKS, 6th Edition also includes reference appendices, a glossary, and full-color illustrations. The features of the text combined with its emphasis on real-world problem solving, provides readers with the tools they need to succeed in any computing environment.

## Book Information

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## Customer Reviews

"The explanation of the OSI is difficult and this chapter does an excellent job of breaking it down and explaining how they relate with one another. Very accurate and had an excellent flow from one topic to another. Chapter 4 best chapter yet, it covered several very confusing topics, TCP/IP protocol stack and DNS/DHCP and described the processes in simple to understand terms and gave examples. I liked how the TCP/IP stack was linked to the OSI model and the explanation of IPv4 addressing and IPv6 addressing comparisons was excellent. The delivery of the material was excellent. It took a difficult topic that many students have problems with and simplified it to a degree

but didn’t lose the complexities of the information. I think that the Hands-On projects are valuable to all of the students and can be completed by those in class or via distance learning."

Tamara Dean has worked in the field of networking for nearly 20 years, most recently as a networking consultant, and before that, as the manager of Internet services and data center operations for a regional ISP. She has managed LANs at the University of Wisconsin and at a pharmaceutical firm, worked as a telecommunications analyst for the FCC, and cofounded a local radio station. Well-published in networking, she is the author of Guide to Telecommunications Technology, Network+ CoursePrep Study Guide, as well as several previous editions of Network+ Guide to Networks and CompTIA Network+ In Depth all published by Cengage Learning.

This book arrived quickly and without incident and in the exact quality that was promised if not better. "Facetextbooks" said that the book had water damage and was a little roughed up but came it the online access card (which it did). There was barely any water damage to the book (see photos) and it was a little scuffed up but nothing very bad. This book could easily be in a library and not stand out at all. So "facetextbooks" is an awesome used book seller in my opinion and I will be using them in the future if I need any more textbooks. "Facetextbooks" easily gets 5 out of 5 stars I gave a 4 start review because on the books content.-- The way this book is written is very strange and I don’t like it. The author seems to over-elaborate on very simple things and then gloss over more complicated concepts requiring the reader to either accept a basic understanding or do their own research online about a topic. But IÃƒÂ¢Ã â ¬Ã â„¢m sure the book contains all the necessary information to pass the Network+ exam. But just passing the exam isn’t good enough in my book I want to fully understand all concepts covered in this book without having to do extensive research on my end.--If you have any questions please leave a comment and I will try and respond as soon as I can, but I have a job and things to do so please don’t expect a response immediately.

This book was required for a Computer Networking class I’m taking. The class is a hybrid which mean part of it is reading this book and part of it is watching videos online that the professor has selected for us each week. I don’t think the the book goes into enough detail so, I feel I don’t have enough understanding of the subject in the chapter each week without the videos and Googling some terms as well. The chapter for this week covers Topology. For example this book covers 3 types: Bus, Ring and Star. From the videos I learned about Mesh topology. Our online discussion topic was to explain the difference between physical and logical topology. I felt like I didn’t have a

very good understanding of how to answer that question from what I had read in the book. I Googled it and I came across another video that explained it clearly and also gave real world examples. This video mentioned how many people think rings are obsolete but, they are used sometimes for fiber optic cables and there is another topology called dual-ring. It would be great if this book added more real word examples of how some of this stuff is actually used. The author also seems to go into more detail than necessary on things that are obsolete like token rings and hubs.

This book, together with the testout website login information helps prepare students for the CompTIA A+ exam by going over, in detail the OSI Operating System Interconnection model 7 layers, common POST codes Power On Self Test, frequently used ports and other essential data, IEEE 802 and other basic knowledge. Most of this must simply be memorized.The first thing my instructor did was require that all students memorize the 7 layers of the OSI model which are layer 1 physical, layer 2 data, layer 3 networks, layer 4 transport, layer 5 session, layer 6 presentation and layer 7 application.We were then required to memorize many of the most commonly used ports:20 FTP data (File Transfer Protocol)21 FTP (File Transfer Protocol)22 SSH (Secure Shell)23 Telnet25 SMTP (Send Mail Transfer Protocol)43 whois53 DNS (Domain Name Service)68 DHCP (Dynamic Host Control Protocol)79 Finger80 HTTP (HyperText Transfer Protocol)110 POP3 (Post Office Protocol, version 3)115 SFTP (Secure File Transfer Protocol)119 NNTP (Network New Transfer Protocol)123 NTP (Network Time Protocol)137 NetBIOS-ns (name service)138 NetBIOS-dgm (datagram)139 NetBIOS (Network Basic Input/Output System)143 IMAP (Internet Message Access Protocol)161 SNMP (Simple Network Management Protocol)194 IRC (Internet Relay Chat)220 IMAP3 (Internet Message Access Protocol 3)389 LDAP (Lightweight Directory Access Protocol)443 SSL (Secure Socket Layer)445 SMB (NetBIOS over TCP)666 Doom993 SIMAP (Secure Internet Message Access Protocol)995 SPOP (Secure Post Office Protocol)We were then required to memorize some of the most common POST error codes. POST is Power On Self Test.ÃƒÂ¢Ã â ¬Ã Â¢01x - Unknown ErrorÃƒÂ¢Ã â ¬Ã Â¢02x - Power supplyÃƒÂ¢Ã â ¬Ã Â¢1xx - System motherboard errorÃƒÂ¢Ã â ”Ã Â|161, Dead CMOS batteryÃƒÂ¢Ã â ¬Ã Â¢2xx - Memory failureÃƒÂ¢Ã â ¬Ã Â¢3xx - Keyboard failureÃƒÂ¢Ã â ¬Ã Â¢4xx - Monochrome display adapter failure (video card error codes)ÃƒÂ¢Ã â ¬Ã Â¢5xx - CGA (Color Graphics Adapter) display adapter failureÃƒÂ¢Ã â ¬Ã Â¢6xx - Floppy driveÃƒÂ¢Ã â ¬Ã Â¢7xx - Math co-processor errorÃƒÂ¢Ã â ¬Ã Â¢8xx -ÃƒÂ¢Ã â ¬Ã Â¢9xx - Parallel Printer port errorÃƒÂ¢Ã â ¬Ã Â¢10xx - Second parallel printer port errorÃƒÂ¢Ã â ¬Ã Â¢11xx - Serial Port errorÃƒÂ¢Ã â ¬Ã Â¢12xx -

Second serial port errorÃƒÂ¢Ã â ¬Ã Â¢13xx - Game port adapterÃƒÂ¢Ã â ¬Ã Â¢14xx - Printer controlÃƒÂ¢Ã â ¬Ã Â¢15xx - SDLC adapterÃƒÂ¢Ã â ¬Ã Â¢16xx - display emulator cardsÃƒÂ¢Ã â ¬Ã Â¢17xx - Hard Drive ÃƒÂ¢Ã â ”Ã Â|1701, POST failure of hard drive - ...Hard Drive TroubleshootingÃƒÂ¢Ã â ”Ã Â|1702, Hard Drive Adapter Card errorÃƒÂ¢Ã â ”Ã Â|1703, Hard Drive failureÃƒÂ¢Ã â ”Ã Â|1704, Hard Drive OR Adapter failureÃƒÂ¢Ã â ”Ã Â|1780, Hard drive 0 failedÃƒÂ¢Ã â ”Ã Â|1781, Hard drive 1 failedÃƒÂ¢Ã â ”Ã Â|1782, Hard drive controller failedÃƒÂ¢Ã â ”Ã Â|1790, Hard drive 0 errorÃƒÂ¢Ã â ”Ã Â|1791, Hard drive 1 errorÃƒÂ¢Ã â ¬Ã Â¢18xx - I/O card errorÃƒÂ¢Ã â ¬Ã Â¢19xx - 3270 card errorsÃƒÂ¢Ã â ¬Ã Â¢20xx - BSC adapterÃƒÂ¢Ã â ¬Ã Â¢21xx - BSC adapterWe then had to memorize common IEEE 802.IEEE 802.11 Wireless LAN (WLAN) & Mesh (Wi-Fi certification)IEEE 802.15 Wireless PANIEEE 802.15.1 Bluetooth certificationIEEE 802.15.2 IEEE 802.15 and IEEE 802.11 coexistenceIEEE 802.15.3 High-Rate wireless PAN (e.g., UWB, etc.)IEEE 802.15.4 Low-Rate wireless PAN (e.g., ZigBee, WirelessHART, MiWi, etc.)IEEE 802.15.5 Mesh networking for WPANIEEE 802.15.6 Body area networkIEEE 802.16 Broadband Wireless Access (WiMAX certification)IEEE 802.16.1 Local Multipoint Distribution ServiceIEEE 802.17 Resilient packet ringIEEE 802.18 Radio Regulatory TAGIEEE 802.19 Coexistence TAGIEEE 802.20 Mobile Broadband Wireless AccessIEEE 802.21 Media Independent HandoffIEEE 802.22 Wireless Regional Area NetworkIEEE 802.23 Emergency Services Working GroupIEEE 802.24 Smart Grid TAGAll items included detailed discussion on the function/purpose and interaction with a variety of technologies. The course and the book and the online interactive software to which a code is provided go into detail on a variety of technologies from networks and operating systems, desktops and laptops, printers and cell phones as well as tablets.The book and courseware are an excellent basic introduction to the overall computing world.

Like most, I had to purchase this for a class.At the end of the day, I did pass the exam and am now Net+ certified.The book? Well, it was dense, but overall was okay. There are a few errors (thankfully was in a class and the professor was able to point these out)I agree with another reviewer that there was a "practice test" at the back - which I wish had an answer key for. In studying for the certification, I didn’t have time to go back and double check my answers on such a long practice test.The certification code for CertBlaster - not worth it - so unless you NEED it for a class, don’t worry about it.Also used other means of studying to pass - which I would recommend (iPad apps, practice tests, etc).

I used the 4th edition of this book in a college networking class years ago and hung onto it for some unknown reason. My husband was studying for network certification from his professional organization and was trying to use my old textbook as a study guide. Ye gods. You do not want to walk into a test like that having only 10 yr old information! So I bought this edition (the current one) and grabbed the old one and gave it to the library book sale.I’m happy to report he passed the test with flying colors, so although this book is pricey (well, what do you expect from a college textbook after all) it was worth the money.

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