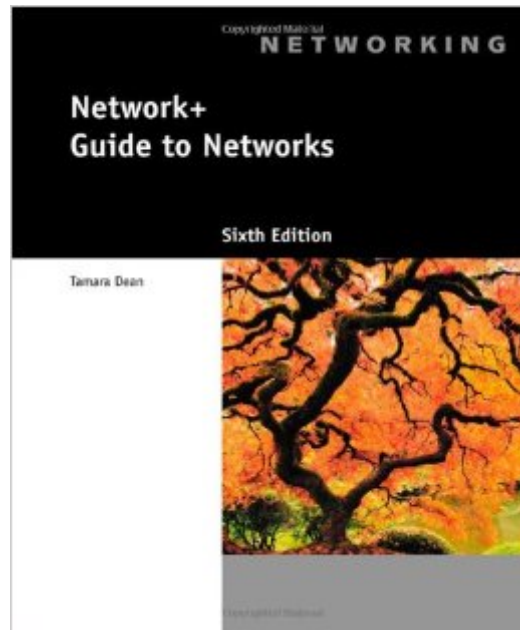# Network+ Guide To Networks (with Printed Access Card)

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

Paperback: 912 pages

Publisher: Course Technology; 6 edition (June 14, 2012)

Language: English

ISBN-10: 1133608191

ISBN-13: 978-1133608196

Product Dimensions: 1.5 x 7.5 x 9.2 inches

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

Average Customer Review: 3.9 out of 5 stars See all reviews (105 customer reviews)

Best Sellers Rank: #110,217 in Books (See Top 100 in Books)   #56 in Books > Computers & Technology > Networking & Cloud Computing > Networks, Protocols & APIs > Networks   #131 in Books > Textbooks > Computer Science > Networking   #244 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors

Customer Reviews

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.

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