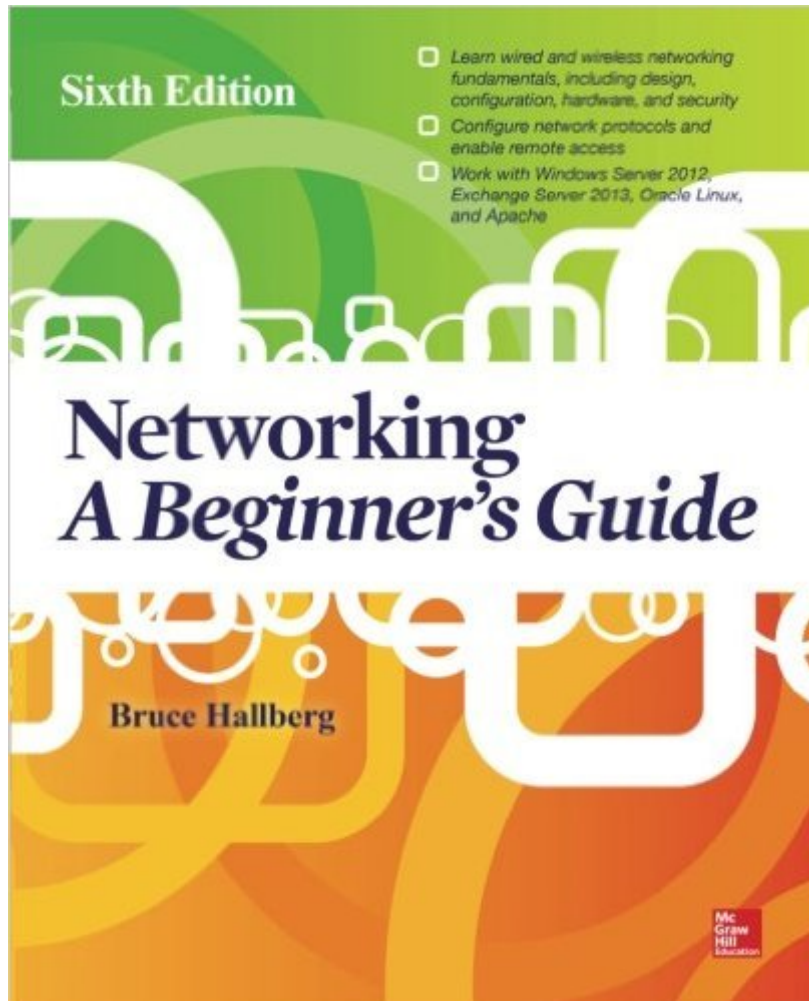# Networking: A Beginner's Guide, Sixth Edition

Synopsis

Current, essential IT networking skills--made easy! Thoroughly revised to cover the latest technologies, this practical resource provides you with a solid foundation in networking fundamentals. Networking: A Beginner's Guide, Sixth Edition discusses wired and wireless network design, configuration, hardware, protocols, security, backup, recovery, and virtualization. You'll also get step-by-step instructions for installing, configuring, and managing Windows Server 2012, Exchange Server 2013, Oracle Linux, and Apache. This is the perfect book for anyone starting a networking career or in need of an easy-to-follow refresher. Understand network cabling, topologies, hardware, and the OSI seven-layer model Connect LANs and WANs Configure network protocols, such as TCP/IP, IPX/SPX, SMTP, DHCP, HTTP, WINS, and more Explore directory services, such as Microsoft's Active Directory, X.400, and LDAP Enable and support remote network access Secure your network and handle backup and disaster recovery Select, install, and manage reliable network servers, including Windows Server 2012, Exchange Server 2013, Oracle Linux, and Apache Manage network workstation computers Design a robust network from the ground up Work with virtualization technologies, such as Hyper-V, VMWare, and Oracle VM VirtualBox

Book Information

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Customer Reviews

It's difficult to find a networking book that covers the basics in comprehensive detail without weighing in at 1000 pages. But this one does a very good job... Networking: A Beginner's Guide (4th

Edition) by Bruce Hallberg.Content:Part 1 - Networking Ins and Outs: The Business of Networking; Laying the Foundation; Understanding Networking; Understanding Network Cabling; Home Networking; Understanding Network Hardware; Making WAN Connections; Understanding Networking Protocols; Exploring Directory Services; Connections from Afar - Remote Network Access; Securing Your Network; Network Disaster Recovery; Network Servers - Everything You Wanted to Know but Were Afraid to Ask; Purchasing and Managing Client ComputersPart 2 - Hands-on Knowledge: Designing a Network; Installing and Setting Up Windows 2000 Server; Administering Windows 2000 Server - The Basics; Understanding Other Windows 2000 Server Services; Introducing Windows Server 2003; Installing Windows Server 2003; Setting Up Windows Server 2003; Installing Linux in a Server Configuration; Introduction to Linux Systems Administration; Setting Up a Linux Web Server with ApacheGlossary; IndexThis is far more than a quickie home networking guide designed to allow you to hook up your wireless laptop. Instead, it's more designed for someone who is interested in learning how to set up a full network and administer it much like a professional would. Hallberg covers everything from cabling on up to the actual network operating system. While the chapters on Windows 2000/2003 aren't designed to be comprehensive reference manuals, they are complete enough to get the fledging network administrator up and running.

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