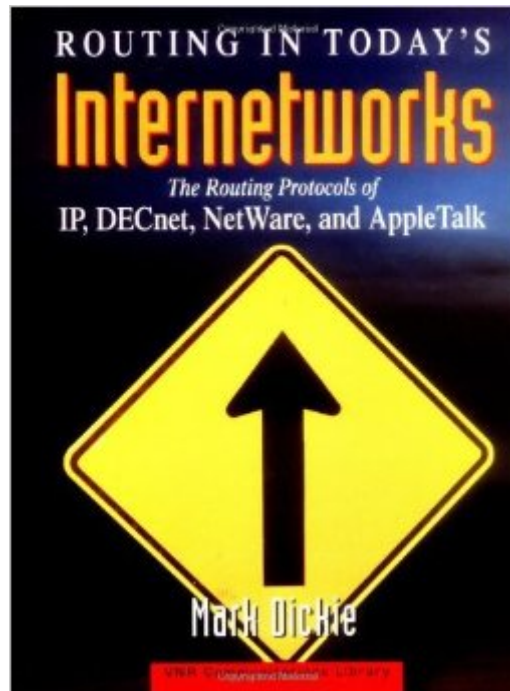# Routing In Today's Internetworks: The Routing Protocols Of IP, DECnet, NetWare, And AppleTalk

Synopsis

This guide helps engineers and other professionals keep pace with the latest routing protocols in networking. It explores all aspects of routing for the Internet Protocol (IP), DECnet, Novell NetWare, and AppleTalk networking environments. Readers learn what routing protocols are and how they work. Major routing protocols for each of the four major routing environments are discussed. Coverage of each environment progresses from network basics to the latest generation of internetwork routing protocols. The author discusses the latest in link-state routing protocols, such as Open Shortest Path First (OSPF), Intermediate System-Intermediate System (IS-IS), and NetWare Link Services Protocol (NLSP). Among the key protocol topics explored are: * Network architecture, zones, and packet formats * Structures, subnetwork addressing, address resolution, addressing schemes, and datagram formats * How to create, implement, support, and maintain routing environments * Routing functions and standards * Enhancement of communication between different routers * How to improve network flexibility and functionality Issues relevant to implementing a routing protocol or converting to a new one are discussed in depth. The author also clarifies differences between currently used protocols and protocols that are being introduced into different routing environments. He addresses: * The Internet Protocol environment and the Routing Information Protocol (RIP) * The DECnet Phase IV environment, DECnet Routing Protocol (DRP) DECnet Phase V, and End System-Intermediate System (ES-IS) * Novell's Internetwork Packet Exchange (IPX), Service Advertising Protocol (SAP), and Novell's implementation of the Routing Information Protocol * AppleTalk's Datagram Delivery Protocol (DDP), Routing Table Maintenance Protocol (RTMP), and the AppleTalk Update-based Routing Protocol (AURP) Routing in Today's Internetworks will meet the reference needs of communications engineers, data communications staff, network managers, consultants, and programmers who develop communications software.

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Customer Reviews

Highly recommand. It is a great book of the topic. I really enjoy reading the chapters about the DECNET AND APPLETALK. everybody can learn something from this book.

Describes IP, IPX, Decnet, and appletalk protocols. It's a must have for those of us running legacy networks.

Routing in Today's Internetworks: The Routing Protocols of IP, DECnet, NetWare, and AppleTalk Junos Enterprise Routing: A Practical Guide to Junos Routing and Certification Applied Cryptography: Protocols, Algorithms, and Source Code in C [APPLIED CRYPTOGRAPHY: PROTOCOLS, ALGORITHMS, AND SOURCE CODE IN C BY Schneier, Bruce (Author) Nov-01-1995 Telephone Triage Protocols for Nursing (Briggs, Telephone Triage Protocols for Nurses098227) Telephone Triage Protocols for Nurses (Briggs, Telephone Triage Protocols for Nurses098227) Telephone Triage Protocols for Nurses (Briggs, Telephone Triage Protocols for Nurses) Designing Wide Area Networks and Internetworks: A Practical Guide: A Practical Guide Managing Internetworks with SNMP Cisco Networks: Engineers Handbook of Routing, Switching, and Security with IOS, NX-OS, and ASA Routing, Flow, and Capacity Design in Communication and Computer Networks (The Morgan Kaufmann Series in Networking) VPNs and NAT for Cisco Networks (Cisco CCIE Routing and Switching v5.0 Book 3) Routing and Switching Essentials Companion Guide Hands-On Novell Open Enterprise Server for Netware and Linux Multi-Operating System Networking: Living with UNIX, NetWare, and NT Novell Cluster Services for Linux and NetWare Novell Cluster Services for Linux and NetWare (Novell Press) Routing First-Step Internet Routing Architectures (2nd Edition) Routing TCP/IP Volume I (CCIE Professional Development)

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