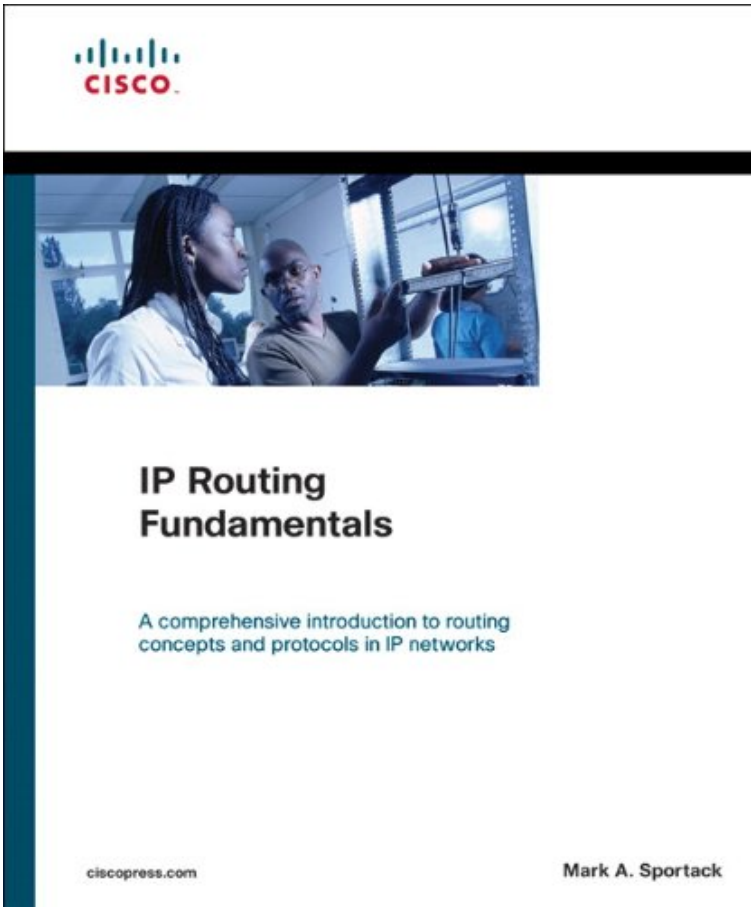
IP Routing Fundamentals

Von Mark Sportack
*DOC | *audiobook | ebooks | Download PDF | ePub*



Produktinformation -Verkaufsrang: #1815576 in eBooksVerffentlicht am: 1999-02-19Erscheinungsdatum: 1999-02-19File Name: B0015T6G3U | File size: 21.Mb

Von Mark Sportack : IP Routing Fundamentals before purchasing it in order to gage whether or not it would be worth my time, and all praised IP Routing Fundamentals:

KundenrezensionenHilfreichste Kundenrezensionen0 von 0 Kunden fanden die folgende Rezension hilfreich. This book is great !Von Michael G. StoutThis is a great book. Mr. Sportack provides his readers with a fluent overview of network engineering as it relates to WAN technology. He breaks his book down into four well organized and well developed sections.The first section discusses the essance of LAN funtionality. He talks about the OSI model, data, IP addressing, scalibility, growth constraints and resolutions for those constraints.Then he dedicates several chapters to WANs. He talks about how they communicate and he gives a fantastic overview of WAN protocols that use Circuit, Packet, and Cell switching technologies as well as an indepth sectin on media.The third section covers the routing protocols. Why? So you can design your routed network and choose the best protocols based on your network needs and the protocols performance benifits and constraints.The fourth section covers engineering a Network. He discusses topoligies, protocols, and blended systems.The graphics and style of this book are indicitave of a great communicator. Before I read this book I could confuse anybody I talked to about networking, now I can communicate these complex

issues on a more down to earth level. Mr. Sportack should be highly commended for this book.0 von 0 Kunden fanden die folgende Rezension hilfreich. A must after attaining the CCNAVon Ein KundeThis book provides good insight as to the operation of protocols. This is the only book that mentioned why RIP doesn't load balance(It maintains a single route to any given destination in its routing table). Compares RIP to IGRP explaining why IGRP combined metrics surpasses RIPv2 in scalability. Excellent coverage of EIGRP vs OSPF explaining how the Hybrid EIGRP borrows from both distance vector and link state protocols providing ease of use and robustness. The mechanics of routing is discussed in detail describing every detail of how packets traverse a network. I highly recommend this book for any Internetworking Engineer's library. I also recommend "Routing TCP/IP" author: Jeff Doyle0 von 0 Kunden fanden die folgende Rezension hilfreich. Indispensible guide to interior gateway protocols...Von Stefan FouantThis book was a pleasure to read and provided much needed insight into interior gateway routing protocols, such as RIP, IGRP, EIGRP, and OSPF. Although this book did not cover configuration information as relevant to Cisco routers, nor did it provide discussion into any of the exterior gateway routing protocols, this book is a great reference when questions arise about the mechanics of IP interior gateway routing protocols.

KurzbeschreibungA comprehensive ntroduction to routing concepts and protocols in IP networks. Comprehensive review of the operational mechanics of today's leading routing protocols, including IGRP, EIGRP, OSPF, RIP, and RIP-2Detailed explanation of IP addressing, including classful and classless addresses, subnetting, supernetting, Classless Interdomain Routing (CIDR), and Variable Length Subnet Masks (VLSM)Side-by-side comparisons of various LAN segmentation technologies, including bridges, switches, and routersExploration of how routers are used to build wide area networksExamination of the future of routing, including IPv6, next generation routing protocols, host-based routing, and IP Switching IP Routing Fundamentals is the definitive introduction to routing in IP networks. This comprehensive guide explores the mechanics of routers, routing protocols, network interfaces, and operating systems. This reference provides essential background information for network professionals who are deploying and maintaining LANs and WANs, as well as IT managers who are seeking information on how evolving internetworking technology will affect future networks. Part I discusses the many roles routers play in networks, Part II talks about the inner working of routers, Part III works with the operational issues of routing protocols, and Part IV addresses implementation issues that provide practical insight, in addition to a discussion of the future of routing.KurzbeschreibungA comprehensive ntroduction to routing concepts and protocols in IP networks. Comprehensive review of the operational mechanics of today's leading routing protocols, including IGRP, EIGRP, OSPF, RIP, and RIP-2Detailed explanation of IP addressing, including classful and classless addresses, subnetting, supernetting, Classless Interdomain Routing (CIDR), and Variable Length Subnet Masks (VLSM)Side-by-side comparisons of various LAN segmentation technologies, including bridges, switches, and routersExploration of how routers are used to build wide area networksExamination of the future of routing, including IPv6, next generation routing protocols, host-based routing, and IP Switching IP Routing Fundamentals is the definitive introduction to routing in IP networks. This comprehensive guide explores the mechanics of routers, routing protocols, network interfaces, and operating systems. This reference provides essential background information for network professionals who are deploying and maintaining LANs and WANs, as well as IT managers who are seeking information on how evolving internetworking technology will affect future networks. Part I discusses the many roles routers play in networks, Part II talks about the inner working of routers, Part III works with the operational issues of routing protocols, and Part IV addresses implementation issues that provide practical insight, in addition to a discussion of the future of routing.Synopsis A comprehensive ntroduction to routing concepts and protocols in IP networks. *Comprehensive review of the operational mechanics of today's leading routing protocols, including IGRP, EIGRP, OSPF, RIP, and RIP-2 *Detailed explanation of IP addressing, including classful and classless addresses, subnetting, supernetting, Classless Interdomain Routing (CIDR), and Variable Length Subnet Masks (VLSM) *Side-by-side comparisons of various LAN segmentation technologies, including bridges, switches, and routers *Exploration of how routers are used to build wide area networks *Examination of the future of routing, including IPv6, next generation routing protocols, host-based routing, and IP Switching IP Routing Fundamentals is the definitive introduction to routing in IP networks. This comprehensive guide explores the mechanics of routers, routing protocols, network interfaces, and operating systems. This reference provides essential background information for network professionals who are deploying and maintaining LANs and WANs, as well as IT managers who are seeking information on how evolving internetworking technology will affect future networks.Part I discusses the many roles routers play in networks, Part II talks about the inner working of routers, Part III works with the operational issues of routing protocols, and Part IV addresses implementation issues that provide practical insight, in addition to a discussion of the future of routing.