Internet Routing Architectures (2nd Edition) (Networking Technology)

Von Sam Halabi
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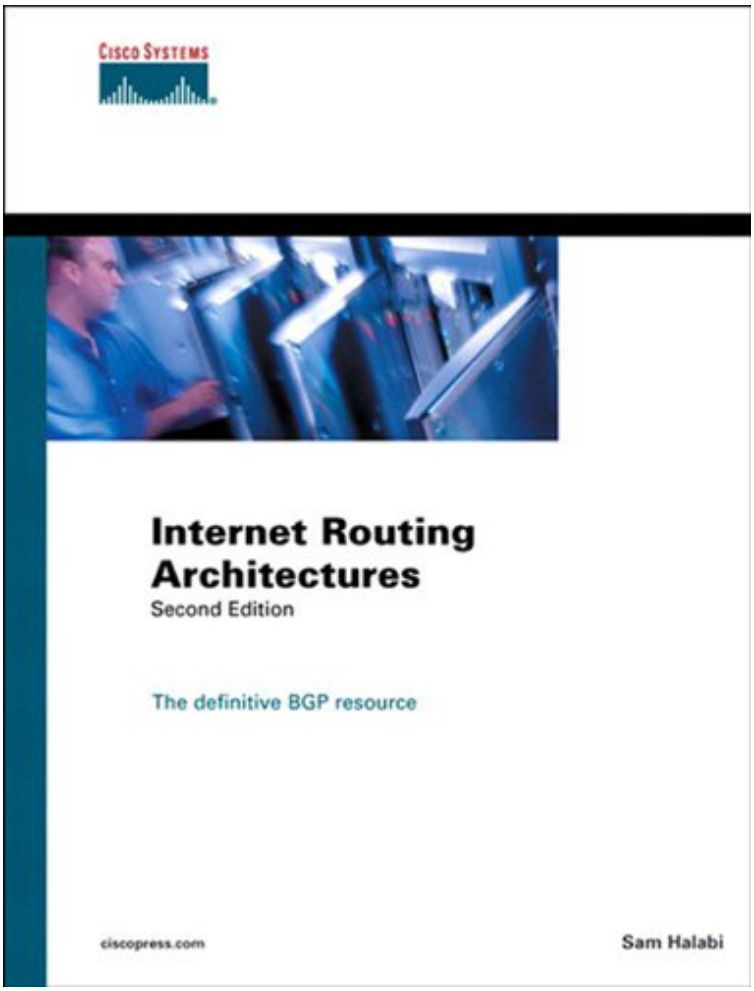

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Von Sam Halabi : Internet Routing Architectures (2nd Edition) (Networking Technology) before purchasing it in order to gage whether or not it would be worth my time, and all praised Internet Routing Architectures (2nd Edition) (Networking Technology):

KundenrezensionenHilfreichste Kundenrezensionen0 von 0 Kunden fanden die folgende Rezension hilfreich. "The" BGP V4 book !Von FrazreidThis is the second book that I have had to read in order to fully understand the workings of the internet and how BGP really works ! I could have done it a little faster by initially just buying this book !0 von 0 Kunden fanden die folgende Rezension hilfreich. Good basics BGPVon Floorripper (Majo)Nice book, must to have and read. There are basics of the internet, nice understanding. It is one of the oldest BGP books, but BGP is also very

old. :-)

KurzbeschreibungThe industry's leading resource for Internet routing solutions and scenarios Explore the functions, attributes, and applications of BGP-4, the de facto interdomain routing protocol, through practical scenarios and configuration examples Learn the contemporary Internet structure and understand how to evaluate a service provider in dealing with routing and connectivity issues Master the addressing techniques--including Classless Interdomain Routing (CIDR)--that are demanded today to facilitate the Internet's rapid and continuing growth Develop optimal routing policies--redundancy, traffic balancing, symmetry, and stability--for your network Learn how to seamlessly integrate your intradomain and interdomain routing and manage large and growing autonomous systems Internet Routing Architectures, Second Edition, explores the ins and outs of interdomain routing network designs with emphasis on BGP-4 (Border Gateway Protocol Version 4)--the de facto interdomain routing protocol. Using a practical, example-oriented approach, this comprehensive resource provides you with real solutions for ISP connectivity issues. You will learn how to integrate your network on the global Internet and discover how to build large-scale autonomous systems. You will also learn to control expansion of interior routing protocols using BGP-4, design sound and stable networks, configure the required policies using Cisco IOS Software, and explore routing practices and rules on the Internet. 157870233X020206.deBorder Gateway Protocol (BGP) does exactly what its name implies--it routes traffic efficiently from its origin on one network to its destination on another. Most typically, it's the protocol that provides a private network with Internet connectivity. Internet Routing Architectures is an authoritative text on BGP in theory and practice, covering everything from good design of BGP-based internetworks to actual implementation of those internetworks on Cisco Systems routers. This second edition includes more information than its predecessor on BGP-4; other improvements are updates rather than major additions or revisions. You will appreciate having this book on hand if your job has to do with optimizing traffic under BGP, or if you're preparing for one of the Cisco certification exams. Sam Halabi--a respected authority on Cisco routers--discusses addressing schemes and the ways in which routing protocols operate within those schemes. The general information serves mainly to set the stage for BGP, which Halabi explains lucidly in theory before getting into design issues and, finally, implementation via router configuration. The book presents practical situations ("Multihoming to a Single Provider," for example, which is subsequently broken down into sub-scenarios about how the multiple connections are used) and steps through the design decisions associated with them. It's also big on diagrams and uses one on nearly every other page to drive home points. The result: this book earns its cover price as a tutorial and as a reference. --David Wall Topics covered: Means of connecting one network to another, especially by means of Border Gateway Protocol 4 (BGP-4) on Cisco Systems routers. There's coverage of addressing and routing-protocol generalities, as well as of BGP tuning for routing inside and outside autonomous systems. Design decisions are a big part of this book's scope.KurzbeschreibungThe industry's leading resource for Internet routing solutions and scenarios Explore the functions, attributes, and applications of BGP-4, the de facto interdomain routing protocol, through practical scenarios and configuration examples Learn the contemporary Internet structure and understand how to evaluate a service provider in dealing with routing and connectivity issues Master the addressing techniques--including Classless Interdomain Routing (CIDR)--that are demanded today to facilitate the Internet's rapid and continuing growth Develop optimal routing policies--redundancy, traffic balancing, symmetry, and stability--for your network Learn how to seamlessly integrate your intradomain and interdomain routing and manage large and growing autonomous systems Internet Routing Architectures, Second Edition, explores the ins and outs of interdomain routing network designs with emphasis on BGP-4 (Border Gateway Protocol Version 4)--the de facto interdomain routing protocol. Using a practical, example-oriented approach, this comprehensive resource provides you with real solutions for ISP connectivity issues. You will learn how to integrate your network on the global Internet and discover how to build large-scale autonomous systems. You will also learn to control expansion of interior routing protocols using BGP-4, design sound and stable networks, configure the required policies using Cisco IOS Software, and explore routing practices and rules on the Internet. 157870233X020206