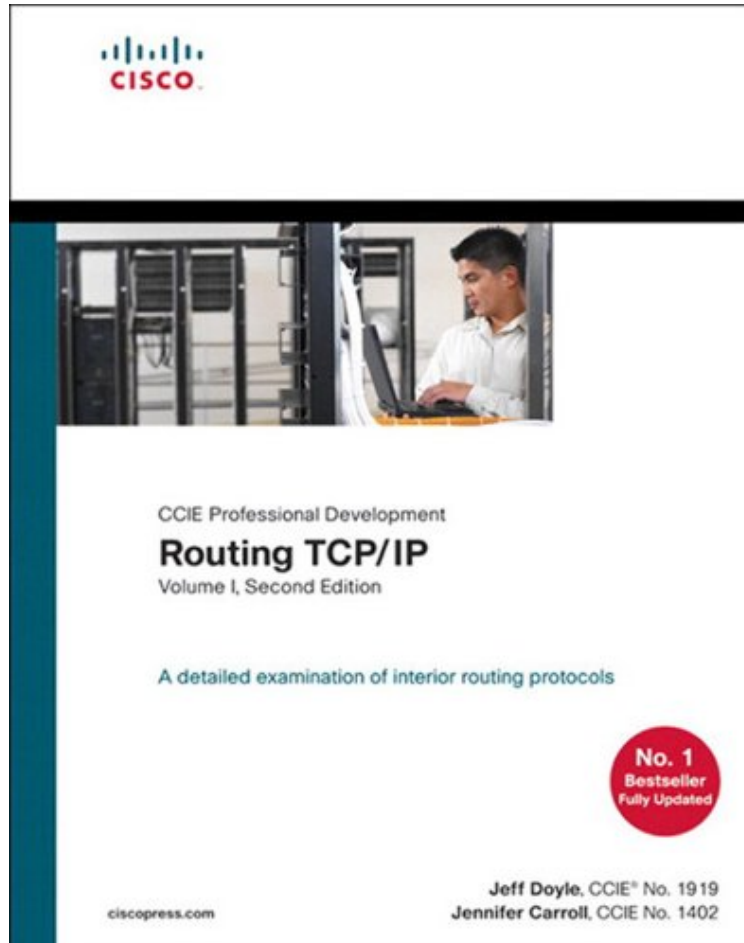


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Von Jeff Doyle, Jennifer DeHaven Carroll
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before purchasing it in order to gage whether or not it would be worth my time, and all praised Routing TCP/IP, Volume 1 (CCIE Professional Development):

KundenrezensionenHilfreichste Kundenrezensionen0 von 0 Kunden fanden die folgende Rezension hilfreich. Unverzichtbar auf dem Weg zum Gipfel !!!Von Stephan KlaesDieses Buch ist ein unverzichtbares Nachschlagewerk, für jeden Netzwerkspezialisten der sich der Knigsgdisziplin CCIE (Cisco Certified Internetwork Expert) stellen will. Es ist, wie bei fast allen Cisco-Bchern, gewohnt strukturiert aufgebaut und erlutert TCP/IP in allen Details. Obwohl dieses Buch speziell für Netzwerk-Ingenieure ausgelegt ist, welche die hchste Stufe aller IT-Zertifikate anstreben, so ist das Buch auch für Professionals oder Associates geeignet die sich dieses Ziel gesetzt haben. Dieser erste Teil der zweiteiligen Buchreihe beschreibt das Fundament und erst einmal alle Interior Routing Protokolle welche für eine LAN-Umgebung relevand sind. Durch die leicht verstdlichen Erklrunen und an vielen Beispielen steigt der Leser

schnell durch die fundamentale Logik einer beliebigen Netzwerkumgebung. Dieses Buch ist mit Recht ein Bestseller! Es ist geeignet für das Studium, aber auch als Nachschlagewerk. 1 von 1 Kunden fanden die folgende Rezension hilfreich. One of the best books on IGP's I've ever read. Von DBI work for Cisco and am currently preparing for the CCIE. This book is extremely clear, and contains tons of very detailed information on all of the popular IGP's (and even the not-so-popular ones like ISIS). The summary of IOS commands covered in each chapter at the end of the chapter makes review a breeze, and the chapters on route maps, redistribution and filtering made these complex topics easy to grasp. At around 1000 pages, carrying it around will also serve to impress your co-workers. :) 0 von 0 Kunden fanden die folgende Rezension hilfreich. This book is definitely a must buy! Von Ein Kunde This is the best book I've read on IGP Routing Protocols and their implementation on Cisco Routers. The book takes a reader from basic IP routing fundamentals through to in-depth implementation of the most complex IGP routing protocols. The book is easy to read and flows in very logical manner. I especially enjoyed the chapter (8) on Cisco's EIGRP; It was the most detailed coverage I have read on Cisco's proprietary Interior routing protocol. Additional Comments: I did note the following errors in the books print listed by chapter: Chapter 5 Page 193, Paragraph 1, Sentence 4 and 5 The statement with regard to hold-down timers and Routers running RIP routers is false. The statement read "If an advertised hop count is higher than the recorded hop count and the update was received was originated by the recorded next-hop router, the route will be marked as unreachable for a specified hold-down period. If at the end of that time the same neighbor is still advertising the higher hop count, the new metric will be accepted". The reason this is wrong is because, a router that receives a route with a higher metric than the currently recorded metric and the advertising router is also the recorded next-hop router, the router will immediately install the new metric. (lab tested). Appendix F Page 970, Chapter 7, Answer 1 The given answer is not completely correct as stated. First the answer states that the router labeled C on page 321 and whose configuration is on page 324 will interpret the RIPv2 routes 192.168.90.0/29 and 192.168.13.86/28 coming from routers A and B respectfully as 192.168.13.64/27 and discards them because this route is directly connected to one of router C's interfaces. This is incorrect first because the routes that will be advertised by routers A and B will be 192.168.13.80/29 and 192.168.13.80/28 respectfully not 192.168.13.86/28 and 192.168.90.0/29. Secondly because router C is configured with the default rip settings, which allows the router to advertise RIPv1 and receive RIPv1 and RIPv2, which will allow router C to correctly interpret the masks sent with the RIPv2 updates sent by routers A and B as such router C will have both (Lab Tested). Appendix C, Chapter 11, Answer 1 The answer as stated is not completely correct. The answer states that in order to redistribute between the IGP domain and the RIPv1 domain the router labeled B should have its mask changed from /27 to /28. Although this facilitates the routes from the IGRP domain into the RIPv1 domain it does not completely facilitate the reverse. The reason for this is that when router B receives the RIPv1 updates from router C it interprets those routes to have a /28 mask due to the new mask on its E1 interface. This results in the IGRP domain believing that the subnets in the RIPv1 domain have only 14 hosts per subnet where as they really can have as many as 30 hosts. In example take the subnet 172.16.2.32/27 which possibly contains hosts 172.16.2.33 -62 in the RIP domain, when this route is redistributed into the IGRP domain it would be interpreted to only contain hosts 172.16.2.33-46. This would cause packets originating in the IGRP domain destined for the hosts numbered 172.16.2.47-62 to be returned unreachable by the routers in the IGRP domain without further configuration. i.e. static routes.

Kurzbeschreibung A detailed examination of interior routing protocols -- completely updated in a new edition A complete revision of the best-selling first edition--widely considered a premier text on TCP/IP routing protocols A core textbook for CCIE preparation and a practical reference for network designers, administrators, and engineers Includes configuration and troubleshooting lessons that would cost thousands to learn in a classroom and numerous real-world examples and case studies Praised in its first edition for its approachable style and wealth of information, this new edition provides readers a deep understanding of IP routing protocols, teaches how to implement these protocols using Cisco routers, and brings readers up to date protocol and implementation enhancements. Routing TCP/IP, Volume 1, Second Edition, includes protocol changes and Cisco features that enhance routing integrity, secure routers from attacks initiated through routing protocols, and provide greater control over the propagation of routing information for all the IP interior routing protocols. Routing TCP/IP, Volume 1, Second Edition, provides a detailed analysis of each of the IP interior gateway protocols (IGPs). Its structure remains the same as the best-selling first edition, though information within each section is enhanced and modified to include the new developments in routing protocols and Cisco implementations. What's New In This Edition? The first edition covers routing protocols as they existed in 1998. The new book updates all covered routing protocols and discusses new features integrated in the latest version of Cisco IOS Software. IPv6, its use with interior routing protocols, and its interoperability and integration with IPv4 are also integrated into this book. Approximately 200 pages of new information are added to the main text, with some old text removed. Additional exercise and solutions are also included. Kurzbeschreibung A detailed examination of interior routing protocols -- completely updated in a new edition A complete revision of the

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