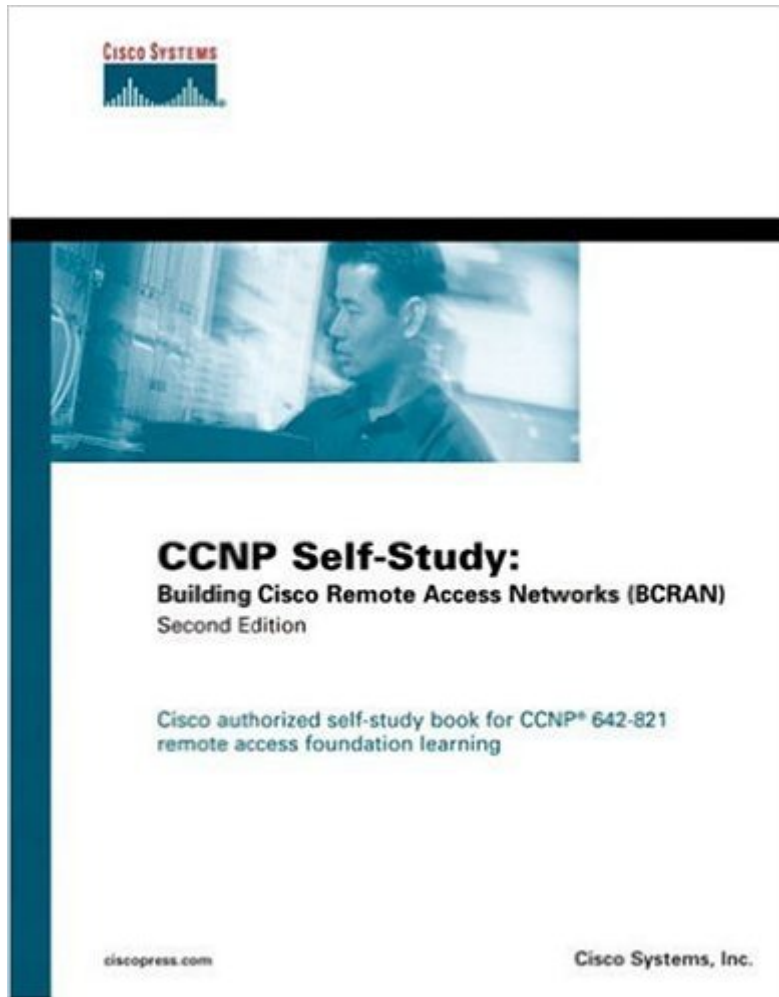The book was found

CCNP Self-Study: Building Cisco Remote Access Networks (BCRAN) (2nd Edition) (Self-Study Guide)

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CCNP Self-Study:
Building Cisco Remote Access Networks (BCRAN)
Second Edition

Cisco authorized self-study book for CCNP® 642-821
remote access foundation learning

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Synopsis

Cisco authorized self-study book for CCNP 642-821 remote access foundation learningPrepare for the CCNP BCRAN exam 642-821 with a Cisco authorized self-study guide. This book teaches you how to:Identify Cisco solutions for remote-access needsUse AAA to scale access control in an expanding networkConfigure asynchronous connections to a central site with modemsConfigure PPP and control network access with PAP and CHAPUse ISDN and DDR connections to enhance connectivityOptimize the use of DDR interfacesEstablish dedicated Frame Relay connections and control traffic flowEnable backup to permanent connectionsManage network performance with queuing and compressionScale IP addresses with Network Address Translation (NAT)Use broadband to access a central siteUse VPNs to secure remote-access networksCCNP Self-Study: Building Cisco Remote Access Networks (BCRAN), Second Edition, is a Cisco authorized, self-paced learning tool for CCNP remote access foundation learning. This book provides you with the knowledge needed to build, configure, and troubleshoot a remote-access network to interconnect central sites to branch offices, small offices, and home offices. This book arms you with skills necessary to describe, configure, operate, and troubleshoot WAN and remote-access solutions.This comprehensive guide presents detailed information and easy-to-grasp tutorials on the implementation, operation, planning, design, and troubleshooting of modern WAN technologies. Using this book, you learn how to control access using basic authentication and authorization configurations, how to maximize bandwidth utilization over the remote links, and how to set up virtual private networks (VPNs) using IPSec. Each chapter opens with a list of objectives to help focus your study. Figures, tables, examples, and command summaries appear throughout to help explain theories, commands, and setup sequences. Step-by-step configuration instructions make enabling the various technologies easy. Key terms are highlighted and defined throughout for simple reference and review. Finally, each chapter concludes with a summary to help review key concepts and review questions to reinforce your understanding of what was covered.Whether you are preparing for CCNP certification or simply want to gain a better understanding of WAN technology deployment, you will benefit from the foundation information presented in this book.CCNP Self-Study: Building Cisco Remote Access Networks (BCRAN), Second Edition, is part of a recommended learning path from Cisco Systems that includes simulation and hands-on training from authorized Cisco Learning Partners and self-study products from Cisco Press. To find out more about instructor-led training, e-learning, and hands-on instruction offered by authorized Cisco Learning Partners worldwide, please visit www.cisco.com/go/authorizedtraining.This volume is in the Certification Self-Study Series offered by Cisco Press. Books in this series provide officially

developed training solutions to help networking professionals understand technology implementations and prepare for the Cisco Career Certifications examinations.

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Customer Reviews

This is a very disappointing effort by Cisco Press and I find it hard to believe that they had the nerve to publish it. In terms of content, this book is pretty comprehensive but it is littered with technical, formatting and editorial errors.My personal favorites are...Page 9. Apparently a BRI line has a bandwidth of 2.048 or 1.544MBps (This is actually a PRI line).Page 120. Editorial comment left in, reads as follows."pool" and "dhcp" should be italics. CP edit made.Regarding the command. BACKUP LOAD 60 5According to page 278, when the load on the PRIMARY line's available bandwidth falls below the second figure, the backup circuit will be disabled.According to page 279, when the transmitted or received load on the primary AND secondary lines is less than the second value, the backup circuit will be disabled.Incidentally, one of the questions on my exam asked which of these options was the correct one.After reading this book I don't know how far I would trust any of the content. For my next subject I will choose a different publisher, I would encourage others to do the same.

How does an abhorrent piece of study material like this even make it past the editors? I know that if I was an editor, I would NOT want my name associated with this book. Just go to the Cisco Press

website and take a look at the 42kb errata file. There is a correction on almost every other page it seems! Please, save your money and your time and look elsewhere for study material. This book will more than likely cause you to fail the test rather than pass.

This version of the book is definitely missing key topics that are asked in the exam. For example, it does a very poor coverage of PPPoE in chapter 11. The RFC 1483 is never mentioned, which is a building block of PPP0oE and PPPoA architectures. Another example is QoS in chapter 15. Custom queuing (CQ) and priority queuing (PQ) are never mentioned which are favourite topics on the actual exam.My recommendation is to either use another resource, or ensure that you supplement it with online pdfs from cisco.com and practice tests.

I never read the first edition, but the second edition includes a lot of practical information that anyone serious about using Cisco gear for networking should know. To summarize, the book covers (and the chapters generally follow):* WAN technology and components* AAA for access control* Asynchronous (modem) and ISDN connections* Frame Relay and traffic shaping* Dial backup* Queuing and compression* NAT* Broadband* IPSECThe new content is a much needed update. Anyone seeking to learn or crystallize their knowledge on these topics would do good to read this book. I own the Cisco "IP Quality of Service" book, but actually prefer the information in BCRAN because the information is presented in a simpler way without all the (excessive?) underlying theory.The IPSEC chapter could have been written with less meandering. I ended up writing a one page cheat sheet of notes detailing the steps while removing all the intervening verbage, and it made it much clearer.Mileage will vary with the information on asynchronous connections. The examples in the book required a fair amount of tweaking to work on the router with 12.2 IOS I used.The book's proofreading is middle road at best, but fortunately most errors are fairly obvious. Cisco should direct more effort to proofreading - this is only one of several recent Cisco Press books published with the typo affliction. I would have given the book four stars if there were less errors, especially since most are obvious.Overall, this book will teach you what you need to know!

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