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Guide to Cisco Networking

Second Edition

Kurt Hudson
Kelly Caudle
Kelly Cannon



Covers both Cisco Fundamentals and
Routing and updated CCNA objectives

Ccna Guide

Todd Lammle



Ccna Guide:

CCNA Certification Study Guide Volume 1 Todd Lammle, 2024-11-27 Your comprehensive guide to succeeding on the UPDATED CCNA Certification exam In the newly revised second edition of the CCNA Certification Study Guide Volume 1 Exam 200 301 v1 1 celebrated Cisco educator and network guru Todd Lammle and expert Donald Robb deliver an intuitive and efficient roadmap to the challenging CCNA Certification test The updated Study Guide covers many topics including network fundamentals and access IP connectivity and services security fundamentals automation programmability artificial intelligence and more The CCNA Certification Study Guide comes with complementary access to a robust set of online study tools designed to assess and advance your exam readiness You ll find Up to date information relevant to the latest Cisco technologies and job roles An interactive online test bank including hundreds of practice test questions flashcards and a glossary of key terms and definitions Discussions of everything from VLANs and Inter VLAN Routing to switching OSPF IP routing and more Perfect for anyone preparing to pursue the updated CCNA Certification the CCNA Certification Study Guide Volume 1 Exam 200 301 v1 1 Second Edition is a must read for practicing IT professionals looking for a refresher on Cisco networking fundamentals

CCNA Certification Study Guide Todd Lammle, 2020-01-22 Cisco expert Todd Lammle prepares you for the NEW Cisco CCNA certification exam Cisco the world leader in network technologies has released the new Cisco Certified Network Associate CCNA exam This consolidated certification exam tests a candidate s ability to implement and administer a wide range of modern IT networking technologies The CCNA Certification Study Guide Volume 2 Exam 200 301 covers every exam objective including network components IP connectivity and routing network security virtual networking and much more Clear and accurate chapters provide you with real world examples hands on activities in depth explanations and numerous review questions to ensure that you re fully prepared on exam day Written by the leading expert on Cisco technologies and certifications this comprehensive exam guide includes access to the acclaimed Sybex online learning system an interactive environment featuring practice exams electronic flashcards a searchable glossary a self assessment test and video tutorials on critical Cisco networking concepts and technologies Covers 100% of all CCNA Exam 200 301 objectives Provides accurate and up to date information on core network fundamentals Explains a broad range of Cisco networking and IT infrastructure Features learning objectives chapter summaries Exam Essentials and figures tables and illustrations The CCNA Certification Study Guide Volume 2 Exam 200 301 is the ideal resource for those preparing for the new CCNA certification as well as IT professionals looking to learn more about Cisco networking concepts and technologies

CCNA Guide to Cisco Networking Kelly Cannon, Kelly Caudle, Kurt Hudson, 2004 CCNA Guide to Cisco Networking Third Edition provides comprehensive coverage of Cisco networking concepts and serves as an ideal guide to prepare for the CCNA Certification Exam 640 801 This new edition presents the basics of networking and covers the steps to configure Cisco routers for a variety of tasks Over 50 hands on labs are included in this new text and all concepts are

reinforced with challenging real world review questions *CCNA Routing and Switching Portable Command Guide (ICND1 100-105, ICND2 200-105, and CCNA 200-125)* Scott Empson, 2016-05-17 Here are all the CCNA level Routing and Switching commands you need in one condensed portable resource CCNA Routing and Switching Portable Command Guide is filled with valuable easy to access information and it s portable enough to use whether you re in the server room or the equipment closet The guide summarizes all CCNA certification level Cisco IOS Software commands keywords command arguments and associated prompts providing you with tips and examples of how to apply the commands to real world scenarios Throughout configuration examples give you a better understanding of how these commands are used in simple network designs This book has been completely updated to cover all topics in the new ICND1 100 105 ICND2 200 105 and CCNA 200 125 exams Use this quick reference resource to help you memorize commands and concepts as you work to pass the CCNA Routing and Switching certification exam Coverage includes Network Fundamentals Subnetting VLSM route summarization cables connections CLI LAN Switching Switch configuration VLANs VLAN trunking protocol inter VLAN communication STP EtherChannel Routing IPv4 IPv6 Router configuration static routing RIPng EIGRP EIGRPv6 OSPFv2 OSPFv3 WAN Point to point protocols eBGP GRE tunnels QoS Infrastructure Services DHCP FHRP HSRP NAT Infrastructure Security Switch port security ACL traffic management device hardening Infrastructure Management Backup restore password recovery CDP LLDP IOS tools device monitoring IOS licensing troubleshooting Quick offline access to all CCNA Routing and Switching commands for research and solutions Logical how to topic groupings for a one stop resource Great for review before CCNA Routing and Switching certification exams Compact size makes it easy to carry with you wherever you go Create Your Own Journal section with blank lined pages enables you to personalize the book for your needs What Do You Want to Do chart inside the back cover helps you to quickly reference specific tasks This book is part of the Cisco Press Certification Self Study Product Family which offers readers a self paced study routine for Cisco certification exams Titles in the Cisco Press Certification Self Study Product Family are part of a recommended learning program from Cisco that includes simulation and hands on training from authorized Cisco Learning Partners and self study products from Cisco Press **CCNA Routing and Switching Complete Study Guide** Todd Lammle, 2016-10-18 Cisco has announced big changes to its certification program As of February 24 2020 all current certifications will be retired and Cisco will begin offering new certification programs The good news is if you re working toward any current CCNA certification keep going You have until February 24 2020 to complete your current CCNA If you already have CCENT ICND1 certification and would like to earn CCNA you have until February 23 2020 to complete your CCNA certification in the current program Likewise if you re thinking of completing the current CCENT ICND1 ICND2 or CCNA Routing and Switching certification you can still complete them between now and February 23 2020 Networking s leading authority joins Sybex for the ultimate CCNA prep guide CCNA Routing and Switching Complete Study Guide 2nd Edition is your comprehensive review for the CCNA exams Written by the leading

authority on networking technology this guide covers 100% of all objectives for the latest ICND1 ICND2 and CCNA Composite exams Hands on labs help you gain experience in critical procedures and practices Gain access to the Sybex online learning environment featuring a robust set of study tools including practice questions flashcards video instruction and an extensive glossary of terms to help you better prepare for exam day The pre assessment test helps you prioritize your study time and bonus practice exams allow you to test your understanding The CCNA certification is essential to a career in networking and the exam can be taken in two parts or as a composite Whichever you choose this book is your essential guide for complete review Master IP data network operation Troubleshoot issues and keep the network secure Understand switching and routing technologies Work with IPv4 and IPv6 addressing Full coverage and expert insight makes CCNA Routing and Switching Complete Study Guide your ultimate companion for CCNA prep

CCNA 200-301 Official Cert Guide Library Wendell Odom, 2019-12-30 Cisco Press has the only study guides approved by Cisco for the new CCNA certification The new edition of the best selling two book value priced CCNA 200 301 Official Cert Guide Library includes updated content new online practice exercises more than 600 practice exam questions and more than 2 hours of video training PLUS the CCNA Network Simulator Lite Editions with 34 free Network Simulator labs CCNA 200 301 Official Cert Guide Library is a comprehensive review and practice package for the latest CCNA exam and is the only self study resource approved by Cisco The two books contained in this package CCNA 200 301 Official Cert Guide Volume 1 and CCNA 200 301 Official Cert Guide Volume 2 present complete reviews and a more challenging and realistic preparation experience The books have been fully updated to refresh the content for the latest CCNA exam topics and to enhance certain key topics that are critical for exam success Best selling author Wendell Odom shares preparation hints and test taking tips helping you identify areas of weakness and improve both your conceptual knowledge and hands on skills This complete study package includes A test preparation routine proven to help you pass the exams Do I Know This Already quizzes which enable you to decide how much time you need to spend on each section Chapter ending Key Topic tables which help you drill on key concepts you must know thoroughly The powerful Pearson Test Prep Practice Test software complete with hundreds of well reviewed exam realistic questions customization options and detailed performance reports A free copy of the CCNA 200 301 Network Simulator Lite software complete with meaningful lab exercises that help you hone your hands on skills with the command line interface for routers and switches Links to a series of hands on config labs developed by the author Online interactive practice exercises that help you enhance your knowledge More than 2 hours of video mentoring from the author An online interactive Flash Cards application to help you drill on Key Terms by chapter A final preparation chapter which guides you through tools and resources to help you craft your review and test taking strategies Study plan suggestions and templates to help you organize and optimize your study time Well regarded for its level of detail study plans assessment features hands on labs and challenging review questions and exercises this official

31 Days Before your CCNA Exam Allan

Johnson, 2024-12-10 31 Days Before Your CCNA Exam A Day By Day Review Guide for the CCNA 200 301 Certification Exam Second Edition is the friendliest most practical way to understand the CCNA Routing and Switching certification process to commit to taking your CCNA 200 301 exam and to finish your preparation using a variety of primary and supplemental study resources Thoroughly updated for the current exam this portable guide offers a complete day by day plan for what and how to study From the basics of switch configuration and IP addressing through modern cloud virtualization SDN SDA and network automation concepts you ll find it here Each day breaks down an exam topic into a short easy to review summary with Daily Study Resource quick references pointing to deeper treatments elsewhere Sign up for your exam now and use this day by day guide and checklist to organize prepare review and succeed How this book helps you fit exam prep into your busy schedule Visual downloadable calendar summarizes each day s study topic to help you get through everything Checklist offers expert advice on preparation activities leading up to your exam Descriptions of exam organization and sign up processes help make sure nothing falls between the cracks Proven strategies help you prepare mentally organizationally and physically Conversational tone makes studying more enjoyable Primary Resources CCNA 200 301 Official Cert Guide Library Second Edition ISBN 978 0 13 822139 3 Introduction to Networks v7 Companion Guide ISBN 978 0 13 663366 2 Introduction to Networks v7 Labs and Study Guide ISBN 978 0 13 663445 4 Switching Routing and Wireless Essentials v7 Companion Guide ISBN 978 0 13 672935 8 Switching Routing and Wireless Essentials v7 Labs and Study Guide ISBN 978 0 13 663438 6 Enterprise Networking Security and Automation v7 Companion Guide ISBN 978 0 13 663432 4 Enterprise Networking Security and Automation v7 Labs and Study Guide ISBN 978 0 13 663469 0 Supplemental Resources CCNA 200 301 Portable Command Guide Fifth Edition ISBN 978 0 13 593782 2 CCNA 200 301 Version 1 1 Video Course Second Edition ISBN 978 0 13 821361 9 **CCNA: Cisco Certified Network Associate Study Guide** Todd Lammle, 2008-06-03

Completely Revised for the New 2007 Version of the CCNA Exam 640 802 Cisco networking authority Todd Lammle has completely updated this new edition to cover all of the exam objectives for the latest version of the CCNA exam Todd s straightforward style provides lively examples easy to understand analogies and real world scenarios that will not only help you prepare for the exam but also give you a solid foundation as a Cisco networking professional Packed with updated topics that have been added to the 2007 version of the CCNA exam this updated study guide features expanded coverage of key topic areas plus new material on switching network address translation and OSPF Inside find the complete instruction you need including Full coverage of all exam objectives in a systematic approach so you can be confident you re getting the instruction you need for the exam Practical hands on exercises and labs to reinforce critical skills Real world scenarios that put what you ve learned in the context of actual job roles Challenging review questions in each chapter to prepare you for exam day Exam Essentials a key feature in each chapter that identifies critical areas you must become proficient in before taking the exam CD ROM Includes Chapter Review Questions Four Full Length Practice Exams 200 Electronic Flashcards

Audio and Video Instruction from Todd Lammle Full book in searchable PDF format Note CD ROM DVD and other supplementary materials are not included as part of eBook file For Instructors Teaching supplements are available for this title

CCNA Routing and Switching 200-120 Official Cert Guide Library Wendell Odom, 2013-05-10 Cisco Press is the Official publisher for the New CCENT or see instructions in back pages of your eBooks Best selling author and expert instructor Wendell Odom shares preparation hints and test taking tips helping you identify areas of weakness and improve both your conceptual knowledge and hands on skills This complete study package includes A test preparation routine proven to help you pass the exams Do I Know This Already quizzes which enable you to decide how much time you need to spend on each section Chapter ending and part ending exercises which help you drill on key concepts you must know thoroughly Troubleshooting sections which help you master the complex scenarios you will face on the exam A free copy of the CCNA ICND1 and ICND2 Network Simulator Lite software complete with meaningful lab exercises that help you hone your hands on skills with the command line interface for routers and switches More than 150 minutes of personal video mentoring from the author Final preparation chapters which guide you through tools and resources to help you craft your review and test taking strategies Study plan suggestions and templates to help you organize and optimize your study time These official study guides help you master all the topics on the CCNA exams including Networking fundamentals Ethernet LANs and switches IPv4 addressing and subnetting Operating Cisco routers Configuring OSPF ACLs and NAT IPv6 fundamentals implementation and troubleshooting LAN switching IPv4 routing VPNs OSPF and EIGRP configuration and troubleshooting Wide area networks and Frame Relay Network management Well regarded for its level of detail study plans assessment features challenging review questions and exercises video instruction and hands on labs these official study guides help you master the concepts and techniques that ensure your exam success Wendell Odom CCIE No 1624 is the most respected author of Cisco networking books in the world His past titles include books on the entry level Cisco certifications CCENT and CCNA the more advanced CCNP and the industry renowned CCIE His books are known for their technical depth and accuracy Wendell has worked as a network engineer consultant instructor course developer and book author and he has produced videos software and blogs related to Cisco certifications Includes 26 free CCNA Network Simulator labs ICND1 1 Configuring IP Addresses I 2 Configuring IP Addresses II 3 Connected Routes 4 Static Routes I 5 Static Routes II 6 Subnet Zero 7 Loopback Interfaces 8 Subnet ID Calculation 9 IPv4 Address Rejection 10 IPv4 Route Selection 11 Subnetting and Addressing Configuration Scenario 12 Static Routing Configuration Scenario 13 Network Discovery Troubleshooting Scenario ICND2 1 EIGRP Serial Configuration I 2 EIGRP Serial Configuration II 3 EIGRP Serial Configuration III 4 EIGRP Frame Relay Configuration I 5 EIGRP Frame Relay Configuration II 6 EIGRP Route Tuning I 7 EIGRP Route Tuning II 8 EIGRP Neighbors II 9 EIGRP Neighbors III 10 EIGRP Configuration Scenario I 11 EIGRP Configuration Scenario II 12 EIGRP Metric Manipulation Configuration Scenario 13 Path Troubleshooting Scenario CCENT and CCNA Network Simulator Lite

minimum system requirements Microsoft Windows XP SP2 SP3 Windows Vista 32 bit 64 bit with SP1 Windows 7 32 bit 64 bit or Windows 8 32 bit 64 bit Mac OS X 10.6 10.7 or 10.8 Intel Pentium III 1GHz or faster processor Windows or Intel Core Duo 1.83GHz or faster processor Mac 512 MB RAM 1 GB recommended 1.5 GB hard disk space 32 bit color depth at 1024 x 768 resolution Adobe Acrobat Reader version 8.0 or higher Other applications installed during installation Adobe AIR 3.6.0 Captive JRE 6 CCNA Guide to Cisco Networking Fundamentals Kurt Hudson, Kelly Cannon, 2000 CD ROM includes a limited version of MeasureUp's CCNA test prep software including 50 sample exam questions and a test engine Page xiii

CCNA Cisco Certified Network Associate Study Guide, 7th Edition Todd Lammle, 2011-03-08 Learn from the Best Cisco Networking Authority Todd Lammle Written by Cisco networking authority Todd Lammle this comprehensive guide has been completely updated to reflect the latest CCNA 640-802 exam Todd's straightforward style provides lively examples hands on and written labs easy to understand analogies and real world scenarios that will not only help you prepare for the exam but also give you a solid foundation as a Cisco networking professional This Study Guide teaches you how to Describe how a network works Configure verify and troubleshoot a switch with VLANs and interswitch communications Implement an IP addressing scheme and IP Services to meet network requirements in a medium size Enterprise branch office network Configure verify and troubleshoot basic router operation and routing on Cisco devices Explain and select the appropriate administrative tasks required for a WLAN Identify security threats to a network and describe general methods to mitigate those threats Implement verify and troubleshoot NAT and ACLs in a medium size Enterprise branch office network Implement and verify WAN links On the CD ROM Chapter Review Questions Full Length Practice Exams Electronic Flashcards Exclusive CD only bonus material including the CCNA Simulation Exam Practice Guide All new Audio and Video Instruction from Todd Lammle Note CD ROM DVD and other supplementary materials are not included as part of eBook file For Instructors Teaching supplements are available for this title CCNA Collaboration CICA 210-060 Official Cert Guide Michael H. Valentine, 2015-09-30 CCNA Collaboration CICA 210-060 Official Cert Guide from Cisco Press enables you to succeed on the exam the first time and is the only self study resource approved by Cisco Long time Cisco expert and trainer Michael Valentine shares preparation hints and test taking tips helping you identify areas of weakness and improve both your conceptual knowledge and hands on skills This is the eBook edition of the CCNA Collaboration CICA 210-065 Official Cert Guide This eBook does not include the companion CD ROM with practice exam that comes with the print edition This complete official study package includes A test preparation routine proven to help you pass the exam Do I Know This Already quizzes which enable you to decide how much time you need to spend on each section Chapter ending exercises which help you drill on key concepts you must know thoroughly A final preparation chapter that guides you through tools and resources to help you craft your review and test taking strategies Study plan suggestions and templates to help you organize and optimize your study time Well regarded for its level of detail study plans assessment features challenging review questions

and exercises this official study guide helps you master the concepts and techniques that ensure your exam success CCNA Collaboration CICA 210-060 Official Cert Guide is part of a recommended learning path from Cisco 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 Michael Valentine CCNA CCNP CCDP CCVP CCSI No 31461 has worked in IT since 1996 and as a trainer since 2001 He is currently a Cisco trainer with Skyline Advanced Technology Services specializing in Cisco Unified Communications and CCNA His accessible humorous and effective teaching style has demystified Cisco technology for thousands of students He has developed courseware and labs for both Cisco and its training partners is co author of CCNA Exam Cram Exam 640-802 Third Edition and is the author of CCNA Voice Quick Reference Guide The official study guide helps you master topics on the CCNA Collaboration CICA 210-060 exam including the following Cisco Unified Communications components Cisco Unified Communications Manager Express administration end user management dial plans and telephony features Cisco Unified Communications Manager administration end point management dial plan elements and interactions and telephony and mobility features Cisco Unity Connection voicemail CM IM and Presence support CME and CUCM management and troubleshooting Monitoring Cisco Unity Connection

CCNA Routing and Switching 200-125 Certification Guide Lazaro (Laz) Diaz, 2018-10-31 Prepare yourself for the next generation networking skills and acquire the knowledge needed to secure the routers Key Features Build foundational Cisco networking skills and prepare yourself for next generation network transformation Take practice questions and mock tests to check how prepared you are for the CCNA exam Gain a strong understanding of network communication with the help of practical examples Book Description Cisco Certified Network Associate CCNA Routing and Switching is one of the most important qualifications for keeping your networking skills up to date CCNA Routing and Switching 200-125 Certification Guide covers topics included in the latest CCNA exam along with review and practice questions This guide introduces you to the structure of IPv4 and IPv6 addresses and examines in detail the creation of IP networks and sub networks and how to assign addresses in the network You will then move on to understanding how to configure verify and troubleshoot layer 2 and layer 3 protocols In addition to this you will discover the functionality configuration and troubleshooting of DHCPv4 Combined with router and router simulation practice this certification guide will help you cover everything you need to know in order to pass the CCNA Routing and Switching 200-125 exam By the end of this book you will explore security best practices as well as get familiar with the protocols that a network administrator can use to monitor the network What you will learn Gain an in depth understanding of networking using routers and switches Understand layer 2 technology and its various configurations and connections Configure default static and dynamic routing Design and implement subnetted IPv4 and IPv6 addressing schemes Troubleshoot issues and keep your network secure Study the importance of VLANs for security and optimizing the

bandwidthWho this book is for This book is for you if you are a network administrator network technician or anyone who wants to prepare for CCNA Routing and Switching certification Basic understanding of networking will help you get the best out of this guide although sufficient information is provided to those new in this field **CCNA INTRO: Introduction to Cisco Networking Technologies Study Guide** Todd Lammle,2007-01-17 Take your first step to CCNA certification From bestselling author Todd Lammle comes the most up to date book on CCNA exam 640 821 the first exam in Cisco s popular two exam Cisco Certified Network Associate CCNA certification track Understand networking for the small or home office market prepare for the exam and acquire the skills you need with this comprehensive guide Inside you ll find Complete coverage of all exam objectives in a systematic approach so you can be confident you re getting the instruction you need Practical hands on exercises to reinforce critical skills Real world scenarios that show you life beyond the classroom and put what you ve learned in the context of actual job roles Challenging review questions in each chapter to prepare you for exam day Exam Essentials a key feature at the end of each chapter that identifies critical areas you must become proficient in before taking exam 640 821 A handy tear card that maps every official exam objective to the corresponding chapter in the book so you can track your exam prep objective by objective Look inside for complete coverage of all exam objectives Featured on the CD SYBEX TEST ENGINE Test your knowledge with advanced testing software Includes all chapter review questions and bonus exams ELECTRONIC FLASHCARDS Reinforce your understanding with flashcards that can run on your PC Pocket PC or Palm handheld Also on CD you ll find preview editions of the CCNA Video Series and the CCNA Audio Series from author Todd Lammle as well as the entire book in searchable and printable PDF Study anywhere any time and approach the exam with confidence **CCNA: the Ultimate Beginner's Guide: Cisco Certified Network Associate for Beginners** Michaelle CONRREDE,2020-08-06 CCNA The Ultimate Beginner s Guide Cisco Certified Network Associate for BeginnersLearn about networking and start your journey to Cisco 200 301 Certification Content in this book can be used towards your CCNA Topics such as IP addressing subnetting and many others can be applied directly to passing your CCNA certification The CCNA is a tough test but it isn t impossible With expert instruction from top rated Authors you can ace every section of the CCNA Whether you need help understanding LAN switching and routing or advice on mastering the fundamentals of networking This book has a beginner friendly course to help you Cisco CCNA Routing and Switching 200-120 Foundation Learning Guide Library Anthony Sequeira,John Tiso,2013-10-07 The new edition of bestselling CCNA Foundation Learning Guide Library is a comprehensive foundation learning package for the latest CCNA exams The two books contained in this package Interconnecting Cisco Network Devices Part 1 ICND1 and Interconnecting Cisco Network Devices Part 2 ICND2 provide you with the knowledge needed to install configure operate and troubleshoot medium size route and switched networks including implementation and verification of connections to remote sites in a WAN The books will be fully updated to cover the latest CCNA exam topics In Interconnecting Cisco Network Devices Part 1 ICND1 you will

study installation and configuration information that network administrators need to install and configure Cisco products Specific topics include building a simple network Ethernet LANs wireless LANs WLANs LAN and WAN connections and network management In Interconnecting Cisco Network Devices Part 2 ICND2 you will study actual router and switch output to aid your understanding of how to configure these devices Many notes tips and cautions are also spread throughout the book Specific topics include constructing medium size routed and switched networks OSPF and EIGRP implementation access control lists ACL address space management and LAN extensions into a WAN Chapter ending review questions illustrate and help solidify the concepts presented in the book Whether you are preparing for CCNA certification or simply want to gain a better understanding of how to build small to medium size Cisco networks you will benefit from the foundation information presented in this book CCNA Foundation Learning Guide Library is part of a recommended learning path from Cisco that includes simulation and hands on training from authorized Cisco Learning Partners and self study products from Cisco Press

CCNA Routing and Switching Complete Deluxe Study Guide Todd Lammle, 2016-10-03 Cisco has announced big changes to its certification program As of February 24 2020 all current certifications will be retired and Cisco will begin offering new certification programs The good news is if you re working toward any current CCNA certification keep going You have until February 24 2020 to complete your current CCNA If you already have CCENT ICND1 certification and would like to earn CCNA you have until February 23 2020 to complete your CCNA certification in the current program Likewise if you re thinking of completing the current CCENT ICND1 ICND2 or CCNA Routing and Switching certification you can still complete them between now and February 23 2020 The bestselling CCNA prep guide with the field s leading Cisco authority CCNA Routing and Switching Complete Deluxe Study Guide 2nd Edition is a leading resource for those taking the Cisco Certified Network Associate exams Whether you re taking the CCNA Composite exam or the ICND 1 and ICND 2 this Deluxe Study Guide has you covered with clear expert guidance and plenty of hands on labs Networking expert Todd Lammle guides you through 100% of the exam objectives with detailed discussion and real world insight on routing and switching IP data networks troubleshooting security and more Examples and exercises help you gain practical experience in critical skills The Sybex interactive online learning environment includes hundreds of sample questions over 100 electronic flashcards a pre assessment test and bonus practice exams to help you test your understanding and gauge your readiness along the way As 80% of the Internet s routers are Cisco the CCNA certification is an important start for any networking career Make sure you re fully prepared for the exam with this comprehensive Deluxe Study Guide Master 100% of the objectives for all three exams Gain practical experience with dozens of hands on labs Test your knowledge with bonus practice exams When it comes to networking technologies there s no substitute for hands on experience Reading best practices is one thing but it s not enough to pass the exam or do the job CCNA Routing and Switching Complete Deluxe Study Guide 2nd Edition gives you everything you need to understand networking concepts and demonstrate those skills on exam day and beyond CCNA

Routing and Switching Study Guide Todd Lammle, 2013-10-07 Prepare for the new CCNA exams with this Todd Lammle study guide Cisco author speaker and trainer Todd Lammle is considered the authority on all things networking and his books have sold almost a million copies worldwide This all purpose CCNA study guide methodically covers all the objectives of the ICND1 100 101 and ICND2 200 101 exams as well as providing additional insight for those taking CCNA Composite 200 120 exam It thoroughly examines operation of IP data networks LAN switching technologies IP addressing IPv4 IPv6 IP routing technologies IP services network device security troubleshooting and WAN technologies Valuable study tools such as a companion test engine that includes hundreds of sample questions a pre assessment test and multiple practice exams Plus you ll also get access to hundreds of electronic flashcards author files and a network simulator CCNA candidates may choose to take either the ICND1 100 101 and ICND2 200 101 exams or the CCNA Composite exam 200 120 this study guide covers the full objectives of all three Written by bestselling Sybex study guide author Todd Lammle an acknowledged authority on all things Cisco Covers essential Cisco networking topics such as operating an IP data network IP addressing switching and routing technologies troubleshooting network device security and much more Includes a comprehensive set of study tools including practice exams electronic flashcards comprehensive glossary of key terms videos and a network simulator that can be used with the book s hands on labs Bonus Content Access to over 40 MicroNugget videos from CBT Nuggets CCNA Routing and Switching Study Guide prepares you for CCNA certification success

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CCNA Todd Lammle, 2003-11-21 If you re serious

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