

ccent cisco certified entry networking technician study guide

****CCENT Cisco Certified Entry Networking Technician Study Guide: Your Path to Networking Success****

ccent cisco certified entry networking technician study guide is an essential resource for anyone aiming to break into the world of networking with a solid foundation. Whether you're a student, a career changer, or a tech enthusiast, understanding the fundamentals of networking through the CCENT certification can open doors to numerous opportunities. This guide will walk you through everything you need to know to effectively prepare for the CCENT exam, highlighting key concepts, study strategies, and resources to maximize your success.

Understanding the CCENT Certification

Before diving into the study tips and resources, it's important to grasp what the CCENT certification represents. The Cisco Certified Entry Networking Technician (CCENT) is an entry-level credential that validates your ability to install, operate, and troubleshoot a small enterprise branch network, including basic network security.

Why CCENT is a Valuable Certification

CCENT acts as a stepping stone into the Cisco certification path, particularly for the Cisco Certified Network Associate (CCNA). It's designed to prove that you have a solid grasp of networking fundamentals such as IP addressing, network device basics, and introductory routing and switching concepts. Employers value this certification because it confirms that you can manage small networks and have a practical understanding of networking principles.

Exam Overview

The CCENT exam, officially known as ICND1 (Interconnecting Cisco Networking Devices Part 1), covers topics such as:

- Network fundamentals
- LAN switching technologies
- Routing technologies
- Infrastructure services
- Infrastructure maintenance

Achieving a passing score on this exam earns you the CCENT credential and is often the first step toward more advanced Cisco certifications.

Building Your Study Plan with the CCENT Cisco Certified Entry Networking Technician Study Guide

An effective study guide tailored to the CCENT exam topics can make preparation structured and less overwhelming. Here's how to make the most out of your study materials.

Start with Networking Fundamentals

The CCENT exam heavily focuses on networking basics. You'll want to get comfortable with concepts like:

- OSI and TCP/IP models
- IP addressing and subnetting
- Basic VLANs and switching
- Network topologies and protocols

Spend time mastering these foundational topics as they will not only help you pass the exam but also prepare you for real-world networking tasks.

Hands-On Practice with Cisco Devices

Reading theory alone won't be enough. Practical experience with Cisco routers and switches is crucial. If you have access to physical devices, great! Otherwise, use network simulation tools like Cisco Packet Tracer or GNS3, which allow you to create virtual labs and practice configuration commands.

Use Multiple Resources

A comprehensive CCENT Cisco certified entry networking technician study guide should incorporate:

- Official Cisco study guides and exam blueprints
- Video tutorials and webinars
- Practice exams and quizzes
- Interactive labs and exercises

The combination of reading, watching, and doing will cater to different

learning styles and reinforce your understanding.

Deep Dive into Key Topics of the CCENT Exam

Breaking down the syllabus into manageable chunks can help ensure you cover all necessary material.

IP Addressing and Subnetting

One of the most challenging aspects for beginners is subnetting. It's vital to understand how to divide a network into subnets and calculate subnet masks, network IDs, and broadcast addresses. Many candidates struggle here, so practicing subnetting problems until you're comfortable is highly recommended.

Router and Switch Configuration

You'll need to know how to configure Cisco IOS devices, including setting up interfaces, IP addresses, and routing protocols. Basic commands, navigating the CLI (Command Line Interface), and understanding configuration modes are essential skills.

Routing Protocols and Concepts

The CCENT exam covers introductory routing concepts, including static routing and dynamic routing protocols like RIP. Understanding how routers forward packets and how routing tables are built is crucial.

Infrastructure Maintenance and Troubleshooting

The ability to diagnose and fix network issues is a valuable skill. The exam tests your knowledge of troubleshooting methodologies, interpreting output from commands like ``ping``, ``tracert``, and ``show`` commands, and basic security practices.

Tips to Maximize Your Study Efficiency

Studying for the CCENT exam can be demanding, but with the right approach, you can make your preparation more effective.

Create a Realistic Study Schedule

Set achievable daily or weekly goals, balancing study time with hands-on practice. Consistency is key to retaining information and building confidence.

Focus on Understanding, Not Memorization

Networking concepts make more sense when you understand the 'why' behind them. Try to visualize how data travels through a network and experiment with configurations to reinforce learning.

Join Study Groups and Online Communities

Engaging with fellow learners can provide motivation and expose you to different perspectives. Websites like Cisco Learning Network or Reddit's networking forums offer a wealth of advice and shared resources.

Take Advantage of Practice Exams

Simulated exams help you get familiar with question formats and time management. They also highlight areas where you need more review, allowing you to focus your efforts efficiently.

Essential Resources to Complement Your CCENT Cisco Certified Entry Networking Technician Study Guide

The right tools can significantly enhance your study experience.

- **Cisco Press Books:** Official study guides from Cisco Press provide comprehensive coverage of exam topics with detailed explanations.
- **Cisco Packet Tracer:** A free network simulation software from Cisco that allows you to build and test network configurations virtually.
- **Online Video Courses:** Platforms like Udemy, LinkedIn Learning, and CBT Nuggets offer structured video lessons tailored to the CCENT exam.
- **Practice Tests:** Websites offering timed quizzes and practice exams can

help you gauge your readiness.

- **Networking Forums:** Community-driven platforms where you can ask questions, share notes, and clarify doubts.

Moving Beyond CCENT: The Next Steps in Your Networking Career

While the CCENT certification is a fantastic starting point, many networking professionals use it as a launchpad for more advanced credentials such as the CCNA or even specialized certifications in security, wireless, or data center technologies. Mastery of the CCENT topics builds a strong foundation that will serve you well in these pursuits.

Embarking on your journey with a well-structured CCENT Cisco certified entry networking technician study guide can make the difference between feeling overwhelmed and feeling confident. Remember, networking is a vast and evolving field, and continuous learning is part of the adventure. As you prepare, keep curious, stay persistent, and enjoy the process of building your networking expertise.

Frequently Asked Questions

What is the CCENT Cisco Certified Entry Networking Technician Study Guide?

The CCENT Cisco Certified Entry Networking Technician Study Guide is a comprehensive resource designed to help candidates prepare for the CCENT certification exam, covering fundamental networking concepts, Cisco device configuration, and troubleshooting.

Which topics are covered in the CCENT Cisco Certified Entry Networking Technician Study Guide?

The study guide covers topics such as networking fundamentals, IP addressing and subnetting, basic router and switch configuration, network security basics, and troubleshooting common network issues.

Is the CCENT certification still relevant for networking professionals?

While Cisco has retired the CCENT exam as a standalone certification, the

foundational knowledge it provided remains relevant for beginners pursuing networking careers and preparing for updated Cisco certifications.

What are the best study methods using the CCENT Cisco Certified Entry Networking Technician Study Guide?

Effective study methods include reading the guide thoroughly, practicing hands-on labs using Cisco Packet Tracer or real equipment, taking practice exams, and joining study groups or online forums.

Can I use the CCENT study guide to prepare for the Cisco CCNA exam?

Yes, the CCENT study guide covers many foundational topics that are also part of the CCNA exam, making it a useful resource for beginners starting their CCNA preparation.

Are there any updated versions of the CCENT Cisco Certified Entry Networking Technician Study Guide?

Since the CCENT certification has been retired, newer study guides focus on the current Cisco certifications like CCNA and Cisco Certified CyberOps Associate, but older CCENT guides can still be valuable for foundational learning.

What supplementary materials should I use along with the CCENT study guide?

Supplementary materials include Cisco Packet Tracer for simulations, video tutorials, practice exams, lab manuals, and online courses that reinforce concepts covered in the study guide.

How long does it typically take to prepare for the CCENT exam using the study guide?

Preparation time varies by individual, but typically it takes about 2 to 3 months of consistent study and hands-on practice to be ready for the CCENT exam using the study guide.

Additional Resources

ccent Cisco Certified Entry Networking Technician Study Guide: A Comprehensive Review

ccent cisco certified entry networking technician study guide resources form

the foundational toolkit for networking professionals embarking on their certification journey. As the entry-level credential in Cisco's well-regarded certification hierarchy, the CCENT certification validates essential networking knowledge and skills, serving as a gateway to more advanced certifications like the CCNA (Cisco Certified Network Associate). This article delves into the key aspects of studying for the CCENT exam, evaluates the most effective study guides, and explores how candidates can best prepare for success in a highly competitive field.

Understanding the CCENT Certification and Its Relevance

The Cisco Certified Entry Networking Technician certification was designed to confirm a candidate's ability to install, operate, and troubleshoot a small enterprise branch network. Although Cisco has updated and consolidated many certifications under the new CCNA program, the CCENT credential remains a valuable benchmark for foundational networking skills. Candidates who pursue the CCENT certification typically aim to demonstrate competence in basic network concepts, IP addressing, routing and switching fundamentals, and network security protocols.

Given its role as an entry-level credential, the CCENT certification opens doors to numerous IT networking career paths, including network administrator, help desk technician, and technical support roles. For individuals new to networking or those seeking Cisco's validation of their skills, investing time in a rigorous CCENT Cisco Certified Entry Networking Technician study guide is crucial.

Key Features of a Quality CCENT Cisco Certified Entry Networking Technician Study Guide

Selecting the right study guide can significantly impact a candidate's preparation and exam performance. The most effective CCENT study guides combine comprehensive content coverage with practical exercises and exam strategies. Below are some features that a top-tier study guide should include:

Detailed Coverage of Exam Objectives

A competent CCENT study guide must align with the official exam blueprint, covering all essential topics such as:

- Networking fundamentals (OSI and TCP/IP models)
- LAN switching technologies
- Routing fundamentals and IP connectivity
- Infrastructure services and maintenance
- Security fundamentals and network access control

This structured approach ensures that candidates are not blindsided by unexpected topics during the exam.

Hands-on Labs and Practical Exercises

Theory alone doesn't guarantee mastery in networking. Study guides that integrate lab exercises—either through simulation software like Cisco Packet Tracer or real hardware—promote experiential learning. Such practical exposure helps candidates understand configurations, troubleshoot issues, and reinforce theoretical knowledge.

Practice Tests and Exam Tips

Simulated exams and quizzes are indispensable tools for gauging readiness. The best study guides provide multiple practice tests that mimic the real exam environment, complete with answer explanations. Additionally, strategic tips on time management and question interpretation can boost exam-day confidence.

Popular CCENT Cisco Certified Entry Networking Technician Study Guides Compared

Several publishers and authors have developed study materials tailored to the CCENT certification. Among the most recognized are the Cisco Press Official Certification Guide, Sybex's CCENT Study Guide, and third-party options like Udemy courses and online bootcamps.

Cisco Press Official Certification Guide

Published by Cisco Press and authored by networking experts, this guide is often considered the gold standard. It provides authoritative content

straight from Cisco, ensuring alignment with exam objectives. The guide's structured chapters, detailed explanations, and embedded review questions make it well-suited for self-paced learners. However, some users find the content dense and recommend supplementing it with hands-on labs.

Sybex CCENT Study Guide

Sybex's approach emphasizes clarity and accessibility, making it an excellent choice for beginners. The guide balances theoretical explanations with practical examples and features online resources, including practice exams. Its conversational tone can make complex concepts more digestible, though advanced readers might find it less comprehensive than Cisco Press materials.

Online Courses and Interactive Platforms

Platforms like Udemy, Pluralsight, and INE offer CCENT-focused courses that blend video lectures, quizzes, and lab simulations. These options appeal to learners who benefit from visual and interactive content. Pricing varies, with some offering subscriptions and others one-time purchases. While these courses provide flexibility, they require reliable internet access and self-discipline to maintain progress.

Additional Study Tips for CCENT Success

Beyond choosing the right study guide, candidates should adopt effective study strategies tailored to the CCENT exam's demands:

1. **Set a Consistent Study Schedule:** Dedicating regular time slots over several weeks helps retain information and reduces last-minute cramming.
2. **Combine Theory with Practice:** Use simulation tools to reinforce concepts learned from reading materials.
3. **Engage in Study Groups or Forums:** Platforms such as Cisco Learning Network or Reddit's networking communities provide peer support and clarify doubts.
4. **Focus on Weak Areas:** Use practice test results to identify and revisit challenging topics.
5. **Stay Updated:** Cisco periodically updates exam content; verify that study materials correspond to the current exam version.

Analyzing the Benefits and Limitations of CCENT Study Guides

The availability of diverse study materials for the CCENT exam reflects the varied learning preferences among candidates. Study guides offer structured content and are generally affordable compared to instructor-led courses. They enable learners to progress at their own pace, revisit difficult sections, and build a solid knowledge base.

However, no single study guide is a panacea. Some limitations include:

- **Content Overlap and Redundancy:** Many guides cover similar ground, sometimes leading to repetitive study sessions.
- **Lack of Hands-On Experience:** Printed or eBook guides alone may not provide enough practical exposure, crucial for networking proficiency.
- **Variable Depth:** Some guides emphasize theory over troubleshooting or vice versa, necessitating supplementary resources for balanced preparation.

Therefore, candidates often find a blended approach—combining a reputable study guide with labs, practice tests, and community engagement—yields the best outcomes.

The Future of CCENT Certification and Study Resources

While Cisco has retired the standalone CCENT certification as part of its certification program revamp, the foundational knowledge it represented remains integral to Cisco's current entry-level certifications. Consequently, many study guides branded under CCENT remain relevant for those pursuing the CCNA or other networking certifications.

Educational content providers are evolving their materials to reflect these changes, incorporating updated exam blueprints and integrating more interactive elements. Emerging technologies such as augmented reality labs and AI-driven personalized learning pathways are also on the horizon, promising to enhance the study experience.

For networking aspirants, staying informed about certification updates and leveraging a variety of study aids—including the tried-and-tested CCENT Cisco Certified Entry Networking Technician study guide materials—will continue to be essential steps on the professional development pathway.

Ccent Cisco Certified Entry Networking Technician Study Guide

ccent cisco certified entry networking technician study guide: CCENT: Cisco Certified Entry Networking Technician Study Guide Todd Lammle, 2011-01-11 Start your preparation for Cisco's new CCENT entry-level networking certification, your entry point into Cisco's popular CCNA certification track. This comprehensive study guide from leading Cisco authority Todd Lammle thoroughly prepares you for the Interconnecting Cisco Networking Devices, Part 1 exam (640-822) and the start of a career, with pages of exam essentials, real-world scenarios, and hands-on exercises. Topics include the operation of data networks, how to implement both switched and routed networks, and much more. For Instructors: Teaching supplements are available for this title.

ccent cisco certified entry networking technician study guide: CCENT Cisco Certified Entry Networking Technician Study Guide (Exam 640-822) Matt Walker, Angela Walker, 2008-06-18 The Boson Network Simulator has a retail price of more than \$179 Cisco's certification program has been consistently listed in the Top 10 Most Valuable IT Certifications by ComputerWorld and Certification Magazine

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ccent cisco certified entry networking technician study guide: CCENT Cisco Certified

Entry Networking Technician Study Guide Todd Lammle, 2012-12-14 Todd Lammle prepares you for Cisco's entry-level networking certification exam, CCENT If you're preparing for your Cisco Certified Entry Networking Technician (CCENT) certification, CCENT: Cisco Certified Entry Networking Technician Study Guide, Second Edition is the book you need. Cisco working authority Todd Lammle covers all the objectives for exam ICND1?the required exam for all CCENT candidates. It also includes useful hands-on labs and practice test questions. Prepares CCENT candidates for exam 640-822: Interconnecting Cisco Networking Devices Part 1 (ICND1) Expert instruction from well-known, leading Cisco networking authority Todd Lammle Covers all exam objectives and features expanded coverage on key topics in the exam Includes hands-on labs, real-world scenarios, and challenging review questions Gives you online access to bonus practice exams, electronic flashcards, a searchable glossary, and more In addition, you'll get online access to practice exams, electronic flashcards, and a searchable glossary?everything you need to prepare for the exam.

ccent cisco certified entry networking technician study guide: CCENT Cisco Certified Entry Networking Technician Study Guide Todd Lammle, 2013

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ccent cisco certified entry networking technician study guide: CCNA Cisco Certified Network Associate Deluxe Study Guide Todd Lammle, 2011-03-04 Deluxe Edition of Best-Selling CCNA Study Guide This comprehensive, enhanced version of the Sybex CCNA Study Guide provides certification candidates with the additional tools they need to prepare for this popular exam. With additional bonus exams and flashcards, as well as the exclusive CCNA Virtual Lab, Platinum Edition, this comprehensive guide has been completely updated to reflect the latest CCNA 640-802 exam. Written by Cisco Authority Todd Lammle, whose 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 On the Bonus 2nd CD-ROM The CCNA Virtual Lab, Platinum Edition. Users can work in a Cisco environment without having to spend the thousands of dollars on the pricy equipment. 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.

ccent cisco certified entry networking technician study guide: CCNA: Cisco Certified Network Associate Study Guide Todd Lammle, 2007-09-18 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 Eight Full-Length Practice Exams Over 400 Electronic Flashcards Audio and Video Instruction from Todd Lammle Full book in searchable PDF format Bonus CD-ROM Includes Platinum Version of CCNA Virtual Lab Learn from lab exercises created by Todd Lammle Access configuration consoles for network devices, including 2600 series Cisco routers and 1900 or 2950 series Cisco switches. Get practice with the Cisco IOS commands you'll need to know for the exam 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.

ccent cisco certified entry networking technician study guide: CCENT Cisco Certified Entry Networking Technician ICND1 Study Guide (Exam 100-101) with Boson NetSim Limited Edition Bob Larson, Matt Walker, 2014-09-12 After purchasing this product, Amazon will e-mail you an Access Code and redemption instructions for the online content. Please consult the e-mail for additional details on redeeming your code and accessing the online content The best fully integrated study system available for ICND1 Exam 100-101 With hundreds of practice questions and hands-on exercises, CCENT Cisco Certified Entry Networking Technician ICND1 Study Guide with Boson NetSim Limited Edition covers what you need to know—and shows you how to prepare—for this challenging exam. 100% complete coverage of all official exam objectives Exam Readiness checklist—you're ready for the exam when all objectives on the list are checked off Inside the Exam sections in every chapter highlight key exam topics covered Two-Minute Drills for quick review at the end of every chapter Simulated exam questions match the format, tone, topics, and difficulty of the real exam Covers all the exam topics, including: Network Fundamentals and Terminology * Networking Models-OSI and TCP/IP * IPv4 Addressing and Subnet Masks * Preparing to Configure Cisco Devices * Configuring Cisco Switches * VLANs and Port Security * Routing Essentials and Routing Protocols * Cisco Router Configuration * Open Shortest Path First (OSPF)-Single Area * IP Service * Access Control Lists (ACLs) * IPv6 Addressing Online content includes: Boson NetSim Limited Edition with 15+ simulated lab exercises Boson Exam Engine with CCENT practice exam Video training System requirements for the Boson NetSim LE and the Boson Exam Engine: Supported Operating Systems: Windows 8, Windows 7, Windows Vista, Windows XP .NET Framework: Microsoft .NET Framework Version 4.0 Processor: 1-GHz Pentium processor or equivalent (Minimum); 3-GHz Pentium processor or equivalent (Recommended) RAM: 512MB (Minimum); 2GB (Recommended) Hard Disk: Up to 100MB of available space Display: 1024×768, 256 colors (Minimum); 1024×768 high color, 32-bit (Recommended) Active Internet connection

ccent cisco certified entry networking technician study guide: CCENT Cisco Certified Entry Networking Technician Exam 640-822 ICND1 Certification Exam Preparation Course in a Book for Passing the CCENT Cisco Certified Entry Networking Technician Exam 640-822 ICND1 Exam - the How to Pass on Your First Try Certification Study Guide William Manning, 2009 This self-study exam preparation guide for the CCENT Cisco Certified Entry Networking Technician Exam 640-822 ICND1 certification exam contains everything you need to test yourself and pass the Exam. All Exam topics (like looping constructs and variables, how well a programmer has understood the language constructs) are covered and insider secrets, complete explanations of all CCENT Cisco Certified Entry Networking Technician Exam 640-822 ICND1 subjects, test tricks and tips, numerous highly realistic sample questions, and exercises designed to strengthen understanding of CCENT Cisco Certified Entry Networking Technician Exam 640-822 ICND1 concepts and prepare you for exam success on the first attempt are provided. Can you imagine valuing a book so much that you send the author a Thank You letter? Tens of thousands of people understand why this is a worldwide best-seller. Is it the authors years of experience? The endless hours of ongoing research? The interviews with those who failed the exam, to identify gaps in their knowledge? Or is it the razor-sharp focus on making sure you don't waste a single minute of your time studying any more than you absolutely have to? Actually, it's all of the above. This book

includes new exercises and sample questions never before in print. Offering numerous sample questions, critical time-saving tips plus information available nowhere else, this book will help you pass the CCENT Cisco Certified Entry Networking Technician Exam 640-822 ICND1 exam on your FIRST try. Up to speed with the theory? Buy this. Read it. And Pass the CCENT Cisco Certified Entry Networking Technician Exam 640-822 ICND1 Exam.

ccent cisco certified entry networking technician study guide: 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.

ccent cisco certified entry networking technician study guide: CCENT ICND1 Study Guide Todd Lammle, 2016-07-07 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. Complete CCENT preparation with hands-on practice and robust study aids The CCENT Study Guide, 3rd Edition offers complete conceptual and practical study tools for the Cisco Certified Entry Networking Technician exam. Written by networking expert Todd Lammle, this study guide provides everything you need to pass the CCENT with flying colors. 100% coverage of the all exam objectives includes detailed discussion on IP data networks, IPv4 and IPv6 addressing, switching and routing, network security, and much more. Todd draws on 30 years of experience to give you practical examples and real-world insights that go way beyond exam prep, and plenty of hands-on labs help you gain experience with important tasks. The Sybex interactive online learning tools include a pre-assessment test to show you how much you already know, two bonus ICND-1 practice exams to test your understanding, and hundreds of sample questions and over 100 flashcards provide quick review. The CCENT is the entry-level certification for those looking to break into the networking field. As a part of the CCNA certification process, the exam is comprehensive—and a comprehensive study guide is essential. This study guide helps you develop the skills and knowledge you need to be confident on exam day. Review all CCENT exam objectives Access online study tools and practice ICND1 exams Get hands-on experience with dozens of labs Master switching and routing, troubleshooting, security, and more Don't bother parsing technical references or trying to figure it out yourself. This book allows you to learn and review with networking's leading authority, with clear explanations, practical instruction, and real-world insight. When you're ready for the next step in your career, the CCENT Study Guide, 3rd Edition gets you on

track to succeed on the CCENT exam.

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